2009 Ageing Report

Economic and budgetary projections for the EU-27 Member States (2008-2060) | Statistical Annex

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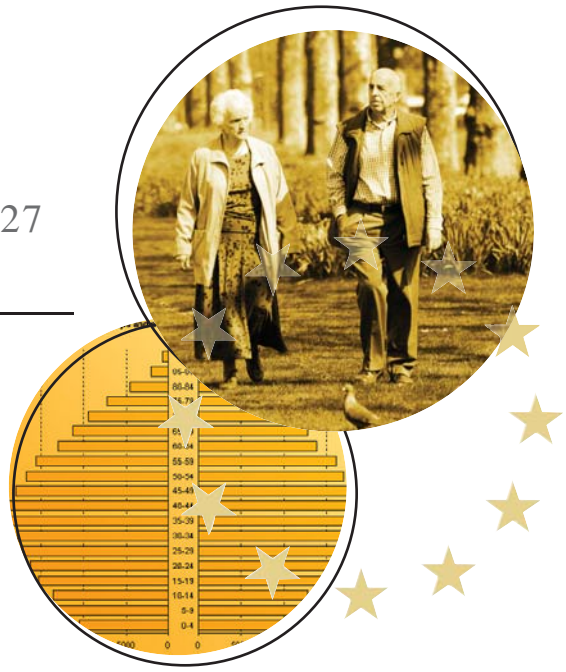

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2009 Ageing Report: economic and budgetary projections for the EU-27 Member States (2008-2060)

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Main demographic and macroeconomic assumptions

Table A 1 - Fertility rate (births per woman)

Country	Ch. 08-60	2008	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	0.04	1.75	1.76	1.76	1.76	1.77	1.77	1.77	1.78	1.78	1.78	1.79	1.79
BG	0.17	1.38	1.39	1.41	1.42	1.44	1.46	1.47	1.49	1.51	1.52	1.54	1.55
CZ	0.19	1.33	1.34	1.36	1.38	1.40	1.41	1.43	1.45	1.47	1.49	1.51	1.52
DK	0.00	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85
DE	0.19	1.34	1.35	1.36	1.38	1.40	1.42	1.44	1.45	1.47	1.49	1.51	1.53
EE	0.11	1.55	1.55	1.56	1.57	1.59	1.60	1.61	1.62	1.63	1.64	1.65	1.66
IE	-0.02	1.90	1.90	1.90	1.90	1.89	1.89	1.89	1.89	1.89	1.88	1.88	1.88
EL	0.16	1.41	1.41	1.43	1.45	1.46	1.48	1.49	1.51	1.52	1.54	1.55	1.57
ES	0.17	1.39	1.39	1.41	1.43	1.44	1.46	1.47	1.49	1.51	1.52	1.54	1.56
FR	-0.05	1.98	1.98	1.98	1.97	1.97	1.96	1.96	1.95	1.95	1.94	1.94	1.93
IT	0.17	1.38	1.39	1.41	1.42	1.44	1.46	1.47	1.49	1.51	1.52	1.54	1.55
CY	0.14	1.45	1.46	1.47	1.49	1.50	1.52	1.53	1.54	1.56	1.57	1.59	1.60
LV	0.18	1.36	1.36	1.38	1.40	1.41	1.43	1.45	1.47	1.48	1.50	1.52	1.54
LT	0.20	1.35	1.35	1.37	1.39	1.41	1.43	1.45	1.47	1.49	1.51	1.52	1.54
LU	0.07	1.65	1.65	1.66	1.67	1.67	1.68	1.69	1.70	1.70	1.71	1.72	1.72
HU	0.18	1.35	1.35	1.37	1.39	1.41	1.42	1.44	1.46	1.48	1.50	1.51	1.53
MT	0.17	1.38	1.39	1.41	1.42	1.44	1.46	1.47	1.49	1.50	1.52	1.54	1.55
NL	0.05	1.72	1.72	1.73	1.73	1.74	1.74	1.75	1.75	1.75	1.76	1.76	1.77
AT	0.16	1.41	1.42	1.43	1.45	1.46	1.48	1.49	1.51	1.53	1.54	1.56	1.57
PL	0.21	1.27	1.28	1.30	1.32	1.34	1.36	1.38	1.40	1.42	1.44	1.47	1.49
PT	0.18	1.36	1.37	1.39	1.40	1.42	1.44	1.45	1.47	1.49	1.51	1.52	1.54
RO	0.19	1.32	1.33	1.35	1.37	1.39	1.41	1.42	1.44	1.46	1.48	1.50	1.52
SI	0.19	1.32	1.33	1.35	1.37	1.39	1.40	1.42	1.44	1.46	1.48	1.50	1.52
SK	0.22	1.25	1.26	1.28	1.30	1.32	1.34	1.36	1.38	1.40	1.43	1.45	1.47
FI	0.00	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84
SE	0.00	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85
UK	0.00	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84
NO	-0.02	1.90	1.90	1.90	1.90	1.90	1.89	1.89	1.89	1.89	1.89	1.89	1.88
EU27	0.12	1.52	1.52	1.53	1.55	1.56	1.57	1.58	1.59	1.61	1.62	1.63	1.64
EA16	0.12	1.53	1.54	1.55	1.56	1.57	1.58	1.59	1.61	1.62	1.63	1.64	1.65
EU15	0.08	1.64	1.65	1.66	1.66	1.67	1.68	1.68	1.69	1.70	1.71	1.71	1.72
EU12	0.18	1.36	1.37	1.38	1.40	1.42	1.44	1.45	1.47	1.49	1.51	1.52	1.54
EU25	0.12	1.53	1.54	1.55	1.56	1.57	1.58	1.59	1.60	1.61	1.63	1.64	1.65
EA12	0.09	1.59	1.60	1.61	1.62	1.63	1.63	1.64	1.65	1.66	1.67	1.68	1.69
EU10	0.18	1.36	1.37	1.39	1.40	1.42	1.44	1.46	1.47	1.49	1.51	1.52	1.54

Source: Commission services.

Table A 2 – Life expectancy at birth - Males (years)

Country	Ch. 08-60	2008	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	7.76	76.66	77.00	77.85	78.67	79.47	80.25	81.00	81.73	82.43	83.12	83.78	84.42
BG	11.85	69.71	70.25	71.56	72.83	74.06	75.26	76.41	77.52	78.59	79.62	80.61	81.56
CZ	9.31	73.86	74.27	75.27	76.25	77.21	78.14	79.04	79.92	80.77	81.60	82.39	83.16
DK	7.85	76.40	76.75	77.60	78.43	79.24	80.02	80.78	81.52	82.23	82.93	83.60	84.25
DE	7.60	77.30	77.64	78.47	79.28	80.06	80.82	81.56	82.27	82.97	83.63	84.28	84.91
EE	12.84	68.00	68.59	70.02	71.40	72.74	74.04	75.29	76.49	77.65	78.76	79.82	80.84
IE	7.66	77.54	77.88	78.72	79.53	80.32	81.08	81.83	82.55	83.24	83.92	84.57	85.20
EL	7.36	77.44	77.77	78.58	79.36	80.12	80.86	81.57	82.26	82.92	83.57	84.20	84.80
ES	7.54	77.40	77.74	78.56	79.37	80.14	80.90	81.63	82.34	83.02	83.68	84.32	84.94
FR	7.67	77.45	77.80	78.66	79.48	80.28	81.05	81.79	82.51	83.20	83.86	84.50	85.12
IT	6.91	78.54	78.85	79.61	80.34	81.05	81.74	82.41	83.06	83.69	84.29	84.88	85.45
CY	6.95	78.21	78.53	79.30	80.04	80.76	81.45	82.12	82.77	83.39	84.00	84.59	85.16
LV	14.51	65.95	66.61	68.22	69.78	71.30	72.77	74.19	75.56	76.87	78.13	79.33	80.47
LT	14.56	65.89	66.55	68.18	69.75	71.28	72.76	74.19	75.56	76.87	78.12	79.31	80.45
LU	8.18	76.32	76.70	77.62	78.50	79.35	80.17	80.96	81.73	82.46	83.17	83.85	84.50
HU	12.19	69.70	70.24	71.58	72.89	74.16	75.39	76.58	77.73	78.83	79.89	80.91	81.88
MT	8.34	75.98	76.37	77.33	78.24	79.10	79.94	80.74	81.51	82.25	82.96	83.65	84.32
NL	7.01	77.93	78.24	78.99	79.73	80.44	81.14	81.82	82.48	83.12	83.74	84.35	84.93
AT	7.47	77.42	77.76	78.58	79.38	80.15	80.89	81.62	82.32	82.99	83.65	84.28	84.89
PL	11.14	71.39	71.90	73.14	74.34	75.50	76.62	77.71	78.75	79.76	80.72	81.65	82.53
PT	8.27	75.82	76.19	77.10	77.98	78.83	79.66	80.46	81.23	81.98	82.71	83.41	84.08
RO	12.12	69.75	70.32	71.70	73.03	74.30	75.53	76.70	77.82	78.90	79.94	80.93	81.87
SI	9.01	74.70	75.10	76.09	77.05	77.98	78.89	79.76	80.61	81.43	82.22	82.98	83.71
SK	11.15	70.87	71.36	72.57	73.76	74.91	76.02	77.11	78.16	79.18	80.16	81.10	82.01
FI	8.20	76.13	76.49	77.39	78.27	79.12	79.94	80.73	81.50	82.24	82.96	83.65	84.32
SE	6.47	78.96	79.24	79.93	80.61	81.27	81.91	82.54	83.15	83.74	84.32	84.88	85.42
UK	7.67	77.36	77.71	78.55	79.37	80.16	80.93	81.67	82.39	83.09	83.76	84.40	85.03
NO	6.84	78.38	78.68	79.43	80.15	80.85	81.53	82.19	82.83	83.46	84.06	84.65	85.22
EU27	8.45	76.03	76.43	77.38	78.29	79.17	80.01	80.82	81.61	82.37	83.10	83.80	84.48
EA16	7.94	76.61	76.96	77.84	78.69	79.51	80.30	81.07	81.81	82.53	83.23	83.90	84.55
EU15	7.57	77.24	77.58	78.41	79.22	80.00	80.76	81.49	82.20	82.89	83.55	84.20	84.82
EU12	11.16	71.17	71.67	72.91	74.11	75.28	76.40	77.49	78.53	79.54	80.51	81.44	82.33
EU25	8.94	74.93	75.33	76.32	77.27	78.20	79.10	79.96	80.80	81.61	82.39	83.15	83.87
EA12	7.64	77.16	77.51	78.34	79.16	79.95	80.71	81.45	82.16	82.86	83.52	84.17	84.80
EU10	11.00	71.45	71.95	73.17	74.35	75.49	76.60	77.67	78.71	79.70	80.66	81.57	82.45

Source: Commission services.

Table A 3 - Life expectancy at birth - Females (years)

Country	Ch. 08-60	2008	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	6.64	82.30	82.60	83.33	84.03	84.71	85.38	86.02	86.64	87.24	87.83	88.39	88.94
BG	9.77	76.70	77.14	78.23	79.28	80.29	81.27	82.22	83.13	84.01	84.86	85.68	86.47
CZ	7.66	80.18	80.51	81.33	82.13	82.92	83.68	84.42	85.15	85.85	86.53	87.20	87.84
DK	7.40	81.03	81.36	82.18	82.97	83.74	84.48	85.20	85.89	86.56	87.21	87.83	88.43
DE	6.52	82.57	82.86	83.57	84.26	84.93	85.58	86.21	86.82	87.42	87.99	88.55	89.09
EE	8.79	78.74	79.14	80.12	81.06	81.98	82.86	83.71	84.54	85.33	86.09	86.82	87.53
IE	7.32	81.89	82.23	83.04	83.83	84.59	85.33	86.04	86.72	87.38	88.02	88.63	89.21
EL	6.12	82.57	82.83	83.48	84.12	84.73	85.34	85.93	86.51	87.07	87.62	88.16	88.68
ES	5.75	83.87	84.13	84.75	85.35	85.94	86.51	87.07	87.61	88.13	88.64	89.14	89.62
FR	5.75	84.32	84.59	85.23	85.84	86.44	87.02	87.57	88.11	88.63	89.13	89.61	90.08
IT	5.75	84.24	84.50	85.13	85.74	86.34	86.91	87.47	88.00	88.53	89.03	89.52	89.99
CY	6.96	81.70	82.01	82.76	83.49	84.20	84.89	85.56	86.22	86.86	87.48	88.08	88.66
LV	10.12	76.67	77.14	78.29	79.39	80.46	81.48	82.46	83.40	84.30	85.17	86.00	86.79
LT	9.44	77.43	77.86	78.93	79.96	80.94	81.89	82.81	83.68	84.53	85.34	86.12	86.87
LU	7.26	81.20	81.54	82.36	83.15	83.91	84.64	85.34	86.01	86.66	87.28	87.88	88.46
HU	9.25	78.06	78.48	79.50	80.50	81.46	82.39	83.29	84.16	84.99	85.80	86.57	87.31
MT	7.57	81.06	81.41	82.26	83.07	83.86	84.62	85.35	86.06	86.74	87.39	88.02	88.63
NL	6.71	82.18	82.48	83.22	83.93	84.62	85.29	85.94	86.57	87.18	87.77	88.34	88.89
AT	6.26	82.93	83.21	83.89	84.55	85.19	85.82	86.42	87.01	87.58	88.14	88.68	89.20
PL	8.11	79.92	80.29	81.19	82.06	82.90	83.71	84.50	85.26	85.99	86.69	87.37	88.03
PT	6.37	82.43	82.71	83.40	84.07	84.72	85.35	85.97	86.57	87.15	87.71	88.26	88.79
RO	9.97	76.61	77.08	78.21	79.29	80.33	81.33	82.29	83.22	84.11	84.96	85.79	86.58
SI	6.91	81.90	82.21	82.96	83.70	84.41	85.10	85.76	86.41	87.04	87.65	88.23	88.80
SK	8.65	78.72	79.10	80.04	80.95	81.84	82.71	83.55	84.36	85.15	85.91	86.65	87.37
FI	6.23	83.05	83.33	84.01	84.66	85.30	85.92	86.53	87.11	87.68	88.23	88.76	89.28
SE	6.17	83.14	83.42	84.09	84.74	85.37	85.99	86.58	87.16	87.72	88.27	88.80	89.31
UK	7.35	81.54	81.87	82.69	83.48	84.25	84.99	85.70	86.39	87.05	87.69	88.30	88.89
NO	6.31	82.88	83.16	83.85	84.52	85.17	85.80	86.41	87.00	87.57	88.13	88.67	89.19
EU27	6.92	82.08	82.40	83.17	83.92	84.64	85.34	86.01	86.65	87.27	87.87	88.45	89.00
EA16	6.67	82.31	82.61	83.34	84.05	84.73	85.40	86.05	86.67	87.28	87.86	88.43	88.98
EU15	6.51	82.62	82.91	83.62	84.32	84.99	85.64	86.27	86.87	87.46	88.04	88.59	89.12
EU12	8.60	78.97	79.36	80.32	81.24	82.13	82.99	83.83	84.63	85.41	86.16	86.88	87.57
EU25	7.24	81.35	81.67	82.47	83.24	83.99	84.71	85.42	86.09	86.75	87.38	88.00	88.59
EA12	6.39	82.80	83.08	83.78	84.46	85.12	85.76	86.37	86.97	87.55	88.12	88.66	89.19
EU10	8.34	79.44	79.82	80.74	81.63	82.50	83.33	84.14	84.92	85.68	86.41	87.11	87.78

Source: Commission services.

Table A 4 - Life expectancy at 65 - Males (years)

Country	Ch. 08-60	2008	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	5.18	16.48	16.69	17.22	17.74	18.26	18.77	19.27	19.76	20.25	20.73	21.20	21.66
BG	6.90	13.12	13.39	14.08	14.76	15.45	16.13	16.80	17.47	18.12	18.77	19.40	20.02
CZ	6.09	14.72	14.96	15.58	16.19	16.79	17.39	17.99	18.57	19.14	19.71	20.26	20.80
DK	5.36	16.08	16.30	16.84	17.39	17.92	18.45	18.97	19.48	19.99	20.48	20.97	21.44
DE	5.21	16.82	17.04	17.58	18.11	18.63	19.15	19.65	20.15	20.64	21.11	21.58	22.03
EE	6.86	13.01	13.29	13.97	14.66	15.34	16.02	16.69	17.35	17.99	18.63	19.26	19.87
IE	5.47	16.75	16.98	17.54	18.10	18.65	19.19	19.73	20.25	20.76	21.26	21.75	22.22
EL	4.83	17.18	17.37	17.87	18.36	18.84	19.32	19.79	20.25	20.70	21.14	21.58	22.01
ES	5.04	17.09	17.30	17.82	18.33	18.84	19.34	19.83	20.31	20.78	21.24	21.69	22.13
FR	4.79	17.73	17.93	18.43	18.92	19.40	19.88	20.34	20.80	21.25	21.68	22.11	22.52
IT	4.87	17.50	17.70	18.21	18.71	19.20	19.68	20.15	20.62	21.07	21.52	21.95	22.38
CY	4.84	17.12	17.32	17.81	18.30	18.78	19.26	19.73	20.19	20.65	21.09	21.53	21.97
LV	7.48	12.66	12.97	13.73	14.48	15.24	15.98	16.71	17.43	18.14	18.83	19.49	20.14
LT	7.14	13.12	13.41	14.14	14.86	15.58	16.29	16.99	17.67	18.34	19.00	19.63	20.25
LU	5.15	16.78	16.99	17.52	18.05	18.57	19.07	19.57	20.07	20.55	21.02	21.48	21.93
HU	6.98	13.62	13.90	14.62	15.33	16.03	16.72	17.41	18.08	18.73	19.37	20.00	20.60
MT	5.52	15.91	16.13	16.69	17.25	17.80	18.34	18.88	19.41	19.93	20.44	20.94	21.43
NL	5.15	16.55	16.76	17.28	17.80	18.31	18.82	19.32	19.81	20.29	20.77	21.24	21.69
AT	4.97	17.07	17.27	17.78	18.29	18.78	19.27	19.76	20.23	20.70	21.15	21.60	22.04
PL	6.48	14.45	14.72	15.39	16.05	16.70	17.34	17.98	18.60	19.20	19.80	20.37	20.93
PT	5.24	16.35	16.56	17.10	17.63	18.15	18.67	19.18	19.68	20.17	20.65	21.13	21.59
RO	6.78	13.59	13.86	14.54	15.22	15.90	16.57	17.23	17.89	18.53	19.16	19.77	20.37
SI	5.71	15.68	15.92	16.50	17.08	17.66	18.22	18.78	19.32	19.86	20.38	20.89	21.39
SK	6.92	13.29	13.57	14.26	14.95	15.64	16.32	17.00	17.67	18.32	18.97	19.60	20.21
FI	5.19	16.64	16.85	17.38	17.91	18.43	18.94	19.45	19.94	20.43	20.90	21.37	21.82
SE	4.73	17.42	17.61	18.09	18.57	19.04	19.51	19.97	20.42	20.86	21.30	21.73	22.15
UK	5.27	16.87	17.09	17.64	18.18	18.71	19.24	19.75	20.25	20.74	21.22	21.69	22.15
NO	4.80	17.33	17.53	18.01	18.50	18.98	19.45	19.92	20.37	20.83	21.27	21.70	22.13
EU27	5.35	16.49	16.73	17.30	17.83	18.36	18.91	19.44	19.94	20.43	20.91	21.38	21.84
EA16	5.26	16.56	16.77	17.31	17.84	18.37	18.89	19.40	19.90	20.40	20.88	21.35	21.81
EU15	5.10	16.89	17.10	17.62	18.14	18.65	19.15	19.65	20.13	20.61	21.08	21.54	21.98
EU12	6.47	14.19	14.45	15.11	15.76	16.41	17.05	17.68	18.30	18.91	19.51	20.10	20.67
EU25	5.62	15.87	16.11	16.68	17.25	17.81	18.37	18.91	19.45	19.98	20.50	21.00	21.49
EA12	5.09	16.91	17.12	17.64	18.16	18.67	19.17	19.67	20.15	20.63	21.10	21.56	22.00
EU10	6.40	14.36	14.62	15.27	15.91	16.56	17.19	17.81	18.43	19.03	19.62	20.20	20.76

Source: Commission services.

Table A 5 - Life expectancy at 65 - Females (years)

Country	Ch. 08-60	2008	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	4.97	20.12	20.33	20.85	21.36	21.86	22.35	22.83	23.30	23.76	24.22	24.66	25.09
BG	6.96	16.11	16.39	17.10	17.80	18.49	19.18	19.86	20.53	21.19	21.83	22.46	23.08
CZ	5.99	18.06	18.31	18.92	19.53	20.13	20.73	21.31	21.88	22.44	22.99	23.53	24.05
DK	5.67	18.98	19.22	19.83	20.42	20.99	21.56	22.11	22.64	23.17	23.67	24.17	24.65
DE	5.04	20.10	20.31	20.84	21.35	21.86	22.36	22.85	23.33	23.80	24.26	24.71	25.14
EE	6.09	18.10	18.36	18.99	19.61	20.23	20.83	21.42	22.00	22.57	23.13	23.67	24.19
IE	5.65	19.72	19.96	20.56	21.15	21.73	22.29	22.84	23.38	23.90	24.41	24.89	25.37
EL	4.91	19.64	19.84	20.33	20.82	21.31	21.79	22.26	22.73	23.20	23.65	24.11	24.55
ES	4.54	20.96	21.15	21.62	22.08	22.54	22.98	23.42	23.86	24.28	24.70	25.10	25.50
FR	4.15	22.05	22.22	22.66	23.09	23.51	23.92	24.32	24.71	25.10	25.47	25.84	26.20
IT	4.50	21.40	21.59	22.06	22.53	22.98	23.43	23.87	24.29	24.71	25.12	25.51	25.90
CY	5.62	18.96	19.19	19.76	20.33	20.89	21.45	22.00	22.54	23.07	23.58	24.09	24.58
LV	6.63	17.14	17.42	18.11	18.79	19.46	20.12	20.77	21.40	22.02	22.62	23.20	23.77
LT	6.20	17.52	17.78	18.42	19.05	19.67	20.28	20.89	21.48	22.06	22.63	23.18	23.72
LU	5.05	19.74	19.95	20.47	20.99	21.50	22.00	22.49	22.97	23.43	23.89	24.34	24.78
HU	6.55	17.47	17.74	18.43	19.10	19.76	20.42	21.05	21.68	22.29	22.88	23.46	24.01
MT	5.69	19.12	19.36	19.95	20.54	21.12	21.68	22.24	22.78	23.31	23.82	24.32	24.81
NL	5.09	19.92	20.14	20.67	21.19	21.70	22.21	22.70	23.18	23.66	24.12	24.57	25.01
AT	4.87	20.33	20.53	21.03	21.53	22.02	22.50	22.97	23.43	23.89	24.33	24.77	25.19
PL	5.89	18.55	18.80	19.42	20.02	20.62	21.20	21.78	22.34	22.88	23.42	23.94	24.45
PT	4.94	19.87	20.07	20.58	21.08	21.58	22.06	22.54	23.01	23.48	23.93	24.37	24.81
RO	6.91	16.32	16.60	17.30	18.00	18.69	19.37	20.05	20.71	21.36	22.00	22.62	23.23
SI	5.29	19.62	19.84	20.39	20.93	21.46	21.99	22.50	23.01	23.50	23.98	24.45	24.91
SK	6.58	17.14	17.41	18.09	18.75	19.41	20.07	20.71	21.34	21.96	22.56	23.15	23.73
FI	4.71	20.66	20.85	21.34	21.82	22.30	22.76	23.22	23.67	24.10	24.53	24.95	25.36
SE	4.82	20.48	20.68	21.18	21.68	22.16	22.64	23.11	23.56	24.01	24.45	24.88	25.29
UK	5.59	19.51	19.75	20.35	20.93	21.50	22.06	22.60	23.13	23.65	24.15	24.63	25.10
NO	4.86	20.37	20.57	21.08	21.58	22.07	22.55	23.02	23.49	23.94	24.38	24.81	25.23
EU27	5.17	19.96	20.18	20.72	21.25	21.77	22.30	22.81	23.31	23.79	24.25	24.69	25.12
EA16	5.10	19.96	20.17	20.70	21.22	21.74	22.24	22.74	23.22	23.70	24.16	24.62	25.06
EU15	4.97	20.23	20.44	20.96	21.47	21.97	22.46	22.94	23.41	23.88	24.33	24.77	25.20
EU12	6.20	17.84	18.10	18.74	19.37	19.99	20.61	21.21	21.81	22.39	22.95	23.51	24.04
EU25	5.40	19.41	19.63	20.19	20.75	21.29	21.83	22.35	22.87	23.37	23.86	24.34	24.81
EA12	4.87	20.37	20.58	21.08	21.58	22.07	22.55	23.03	23.49	23.94	24.39	24.82	25.24
EU10	6.05	18.17	18.42	19.05	19.67	20.28	20.88	21.47	22.04	22.61	23.16	23.70	24.22

Source: Commission services.

Table A 6 – Net migration (thousands people)

Country	Ch. 08-60	2008	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	-27.4	50.7	47.5	41.0	36.2	33.6	31.4	28.8	27.1	26.3	25.2	25.0	23.3
BG	0.2	-1.4	0.4	1.7	0.2	-0.4	-0.5	1.4	2.5	2.0	1.6	1.1	-1.2
CZ	-7.4	24.0	25.9	27.7	24.7	21.3	22.9	23.3	27.3	24.1	21.9	20.4	16.7
DK	-3.5	9.7	9.8	8.5	8.1	8.1	8.7	7.0	6.5	6.0	5.7	5.9	6.2
DE	-43.9	159.8	146.7	166.3	173.1	186.6	187.0	159.6	131.6	140.5	135.7	137.9	115.9
EE	0.2	-0.6	-0.4	0.0	-0.1	-0.1	-0.3	-0.1	0.1	0.2	0.3	0.2	-0.3
IE	-54.4	63.1	53.4	34.5	21.7	13.5	8.7	6.5	6.0	8.0	7.4	7.9	8.6
EL	-12.9	39.7	39.5	39.9	38.2	38.1	37.2	38.0	36.6	35.5	31.0	28.6	26.8
ES	-493.6	623.4	540.2	375.8	263.1	190.4	160.8	149.3	150.5	146.1	135.2	131.8	129.9
FR	-36.4	99.3	97.9	97.4	92.5	88.9	86.5	82.6	76.9	73.9	69.9	66.4	62.9
IT	-85.3	259.5	255.9	248.6	240.8	240.8	248.7	239.9	229.5	206.9	193.4	185.8	174.3
CY	-3.4	9.3	9.2	8.8	8.5	8.2	7.8	7.5	7.2	6.9	6.6	6.2	5.9
LV	0.4	-1.0	-0.8	-0.3	-0.3	-0.2	-0.6	-0.2	0.1	0.3	0.7	0.5	-0.6
LT	2.1	-2.2	-1.7	-0.7	-0.2	0.2	-0.3	-0.1	-0.2	0.3	1.2	1.0	-0.1
LU	-1.6	4.4	4.3	4.1	4.0	3.8	3.7	3.5	3.4	3.2	3.1	2.9	2.8
HU	-4.8	19.6	19.1	22.1	22.4	18.0	17.3	19.3	22.3	19.6	17.9	16.6	14.9
MT	-0.2	1.0	1.0	1.1	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.8
NL	0.5	7.8	7.7	8.2	10.6	13.1	13.7	12.6	6.5	6.7	7.2	9.3	8.4
AT	-10.7	33.1	32.6	31.4	30.5	31.5	31.2	28.7	26.0	25.6	24.7	23.9	22.3
PL	23.7	-15.5	-15.3	8.5	14.0	4.9	-1.3	4.4	17.1	24.4	26.4	17.2	8.2
PT	-17.3	51.8	51.1	49.2	47.6	46.9	46.1	45.2	45.3	42.5	38.8	36.6	34.5
RO	9.5	-5.6	-5.1	4.0	6.3	1.8	-0.8	11.4	12.9	14.1	12.7	9.4	3.9
SI	-3.6	5.9	5.2	5.0	4.4	3.6	3.4	3.1	3.3	3.4	3.0	2.6	2.3
SK	0.1	3.6	3.2	5.0	5.0	4.0	3.9	4.1	6.1	6.4	6.1	5.2	3.7
FI	-5.2	9.7	10.0	9.5	7.8	6.6	5.8	4.6	4.8	4.9	4.9	5.0	4.5
SE	-31.1	46.8	42.3	33.3	26.9	22.6	20.2	18.1	17.2	16.7	16.7	18.2	15.8
UK	-74.6	188.2	183.9	174.3	165.7	158.0	150.9	144.3	138.0	131.8	126.3	122.2	113.6
NO	-12.8	22.4	20.8	17.5	15.2	13.5	12.4	11.6	11.0	10.6	10.3	10.1	9.6
EU27	-880.4	1683.9	1563.4	1404.8	1252.8	1144.7	1093.1	1043.8	1005.5	977.3	924.3	888.8	803.5
EA16	-795.3	1421.9	1305.3	1125.8	985.1	910.6	876.8	815.0	761.8	737.8	693.1	676.2	626.6
EU15	-897.3	1646.9	1522.8	1322.1	1166.8	1082.5	1040.7	968.8	905.9	874.7	825.1	807.5	749.5
EU12	16.9	37.1	40.6	82.7	86.0	62.3	52.4	75.0	99.6	102.6	99.3	81.3	54.0
EU25	-890.2	1690.9	1568.1	1399.1	1246.2	1143.3	1094.4	1031.0	990.1	961.1	910.1	878.4	800.8
EA12	-788.2	1402.2	1286.8	1105.9	966.1	893.8	860.8	799.4	744.3	720.2	676.4	661.2	614.0
EU10	7.2	44.1	45.3	77.0	79.4	60.9	53.7	62.2	84.2	86.4	85.0	70.9	51.2

Source: Commission services.

Table A 7 – Net migration (as % of population)

Country	Ch. 08-60	2008	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	-0.3	0.5	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2
BG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CZ	-0.1	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2
DK	-0.1	0.2	0.2	0.2	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1
DE	0.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
EE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IE	-1.3	1.4	1.2	0.7	0.4	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
EL	-0.1	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2
ES	-1.1	1.4	1.2	0.8	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
FR	-0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
IT	-0.1	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3
CY	-0.7	1.2	1.1	1.0	0.9	0.8	0.7	0.7	0.6	0.6	0.5	0.5	0.4
LV	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LT	0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LU	-0.5	0.9	0.9	0.8	0.7	0.7	0.6	0.6	0.5	0.5	0.4	0.4	0.4
HU	0.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
MT	0.0	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
NL	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1
AT	-0.1	0.4	0.4	0.4	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.2
PL	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0
PT	-0.2	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3
RO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0
SI	-0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1
SK	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
FI	-0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
SE	-0.4	0.5	0.5	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1
UK	-0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1
NO	-0.3	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2
EU27	-0.2	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
EA16	-0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2
EU15	-0.2	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2
EU12	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
EU25	-0.2	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
EA12	-0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2
EU10	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Source: Commission services.

Table A 8 - Population (millions people)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	1.7	10.6	10.8	11.1	11.3	11.5	11.7	11.9	12.0	12.1	12.2	12.2	12.3
BG	-2.2	7.7	7.6	7.4	7.2	7.0	6.8	6.5	6.3	6.1	5.9	5.7	5.5
CZ	-0.8	10.3	10.4	10.5	10.5	10.5	10.4	10.3	10.2	10.0	9.9	9.7	9.5
DK	0.5	5.4	5.5	5.6	5.7	5.7	5.8	5.9	5.9	5.9	5.9	5.9	5.9
DE	-11.6	82.3	82.1	81.9	81.5	80.9	80.2	79.1	77.8	76.2	74.5	72.6	70.8
EE	-0.2	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.1
IE	2.4	4.3	4.6	5.1	5.4	5.7	5.9	6.1	6.2	6.4	6.5	6.7	6.8
EL	-0.1	11.2	11.3	11.5	11.6	11.6	11.6	11.6	11.6	11.5	11.4	11.3	11.1
ES	7.4	44.5	46.7	49.4	51.1	52.1	52.7	53.0	53.3	53.4	53.2	52.7	51.9
FR	10.3	61.5	62.6	64.2	65.6	66.8	68.0	69.0	69.9	70.6	71.0	71.4	71.8
IT	0.3	59.1	60.0	60.9	61.4	61.7	61.9	62.0	62.0	61.8	61.2	60.4	59.4
CY	0.5	0.8	0.8	0.9	1.0	1.0	1.1	1.1	1.2	1.2	1.3	1.3	1.3
LV	-0.6	2.3	2.2	2.2	2.2	2.1	2.0	2.0	1.9	1.9	1.8	1.7	1.7
LT	-0.8	3.4	3.3	3.3	3.2	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.5
LU	0.3	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7
HU	-1.3	10.1	10.0	10.0	9.9	9.8	9.7	9.5	9.4	9.2	9.1	8.9	8.7
MT	0.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
NL	0.2	16.4	16.5	16.7	16.9	17.1	17.2	17.3	17.2	17.1	16.9	16.7	16.6
AT	0.7	8.3	8.4	8.6	8.7	8.9	9.0	9.1	9.1	9.1	9.1	9.1	9.0
PL	-7.0	38.1	38.1	38.1	38.0	37.6	37.0	36.1	35.2	34.3	33.3	32.2	31.1
PT	0.7	10.6	10.7	10.9	11.1	11.2	11.3	11.4	11.5	11.5	11.4	11.4	11.3
RO	-4.6	21.6	21.3	21.1	20.8	20.5	20.0	19.6	19.2	18.7	18.1	17.6	16.9
SI	-0.2	2.0	2.0	2.1	2.1	2.0	2.0	2.0	2.0	1.9	1.9	1.8	1.8
SK	-0.8	5.4	5.4	5.4	5.4	5.4	5.3	5.2	5.1	5.0	4.9	4.7	4.5
FI	0.1	5.3	5.3	5.4	5.5	5.5	5.6	5.6	5.5	5.5	5.4	5.4	5.4
SE	1.8	9.1	9.3	9.6	9.9	10.1	10.3	10.4	10.5	10.6	10.7	10.8	10.9
UK	15.8	60.9	62.0	63.8	65.7	67.5	69.2	70.7	72.0	73.3	74.5	75.6	76.7
NO	1.4	4.7	4.8	5.0	5.2	5.4	5.5	5.6	5.7	5.8	5.9	6.0	6.0
EU27	12.4	493.3	499.4	507.7	513.8	517.8	519.9	520.7	520.1	518.4	515.3	511.0	505.7
EA16	12.0	323.1	328.3	334.9	339.5	342.5	344.4	345.4	345.5	344.4	342.2	339.0	335.1
EU15	30.6	389.9	396.4	405.1	411.9	417.0	420.9	423.6	425.2	425.6	424.9	423.0	420.5
EU12	-18.1	103.3	103.0	102.6	102.0	100.8	99.1	97.1	94.9	92.7	90.4	87.9	85.2
EU25	19.3	464.0	470.5	479.2	485.8	490.4	493.1	494.5	494.6	493.6	491.2	487.7	483.3
EA12	12.5	314.5	319.6	326.2	330.7	333.6	335.6	336.7	336.8	335.9	333.8	330.7	327.1
EU10	-11.3	74.1	74.1	74.1	74.0	73.4	72.3	70.9	69.4	67.9	66.4	64.7	62.8

Source: Commission services.

Table A 9 – Children population (0-14) (as % of total population)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	-1.3	17.0	16.8	16.7	16.7	16.5	16.3	16.0	15.8	15.7	15.7	15.7	15.6
BG	-1.5	13.4	13.5	14.2	14.3	13.5	12.6	12.0	12.0	12.3	12.3	12.2	12.0
CZ	-2.1	14.4	14.1	14.6	14.7	13.8	12.8	12.2	12.1	12.4	12.6	12.5	12.3
DK	-2.4	18.6	18.1	17.3	16.7	16.6	16.9	17.1	17.0	16.6	16.3	16.2	16.3
DE	-1.3	13.9	13.4	12.8	12.6	12.7	12.7	12.5	12.2	12.1	12.1	12.3	12.6
EE	-0.9	14.9	15.1	16.3	16.9	16.3	15.1	14.0	13.8	14.1	14.5	14.4	14.0
IE	-3.4	20.3	20.7	21.1	21.1	20.2	18.9	17.8	17.4	17.4	17.5	17.3	17.0
EL	-1.4	14.3	14.3	14.5	14.4	13.7	13.0	12.7	12.7	13.0	13.1	13.1	12.9
ES	-1.6	14.5	15.0	15.7	15.5	14.5	13.4	12.8	12.7	13.0	13.2	13.1	12.9
FR	-1.7	18.4	18.4	18.4	18.2	17.8	17.4	17.1	17.0	17.1	17.0	16.9	16.7
IT	-1.9	14.1	14.0	13.9	13.4	12.7	12.2	12.1	12.2	12.3	12.3	12.2	12.1
CY	-3.0	17.9	17.1	16.9	17.4	17.4	16.6	15.7	15.1	14.9	15.1	15.1	15.0
LV	-1.7	14.0	13.7	14.7	15.3	14.8	13.6	12.6	12.1	12.3	12.6	12.6	12.3
LT	-3.5	15.9	14.7	14.3	14.8	14.8	14.1	13.0	12.1	12.0	12.2	12.5	12.4
LU	-2.2	18.3	18.0	17.3	16.9	16.9	16.9	16.9	16.7	16.4	16.2	16.1	16.2
HU	-2.5	15.2	14.8	14.8	14.8	14.3	13.6	13.0	12.8	12.8	12.9	12.9	12.7
MT	-4.1	16.8	15.6	14.6	14.6	14.4	14.0	13.3	12.7	12.5	12.6	12.7	12.7
NL	-3.1	18.1	17.5	16.6	15.7	15.5	15.7	15.7	15.6	15.3	14.9	14.8	15.0
AT	-1.8	15.6	14.9	14.4	14.3	14.3	14.1	13.9	13.6	13.5	13.5	13.7	13.8
PL	-4.4	15.8	15.0	14.6	14.8	14.2	13.1	12.0	11.4	11.4	11.6	11.6	11.4
PT	-2.7	15.5	15.3	15.1	14.5	13.8	13.3	13.0	13.0	13.0	13.0	12.9	12.8
RO	-3.9	15.4	15.1	14.9	14.7	13.9	13.0	12.2	11.8	11.8	11.8	11.7	11.5
SI	-1.2	14.0	13.8	14.0	14.2	13.6	12.8	12.2	12.1	12.4	12.8	12.9	12.8
SK	-5.0	16.1	15.2	14.7	14.6	13.9	12.9	11.9	11.3	11.2	11.3	11.3	11.1
FI	-1.3	17.1	16.6	16.4	16.6	16.6	16.3	15.9	15.6	15.6	15.7	15.8	15.7
SE	-0.6	17.0	16.5	17.0	17.4	17.5	17.3	16.8	16.2	16.1	16.3	16.5	16.5
UK	-1.0	17.6	17.3	17.3	17.7	17.8	17.6	17.2	16.8	16.6	16.6	16.6	16.6
NO	-2.6	19.4	18.9	18.2	18.0	17.9	17.8	17.5	17.2	16.9	16.7	16.7	16.7
EU27	-1.7	15.8	15.5	15.5	15.4	15.0	14.5	14.1	14.0	14.0	14.1	14.1	14.0
EA16	-1.6	15.5	15.4	15.2	15.0	14.6	14.2	13.9	13.8	13.8	13.9	13.9	13.9
EU15	-1.4	15.9	15.7	15.6	15.5	15.2	14.9	14.6	14.4	14.4	14.5	14.5	14.5
EU12	-3.5	15.3	14.8	14.7	14.8	14.1	13.1	12.3	11.9	11.9	12.1	12.0	11.8
EU25	-1.7	15.8	15.6	15.5	15.4	15.1	14.6	14.3	14.1	14.1	14.2	14.2	14.1
EA12	-1.6	15.5	15.4	15.3	15.0	14.6	14.2	13.9	13.8	13.9	13.9	13.9	13.9
EU10	-3.5	15.5	14.8	14.7	14.8	14.3	13.3	12.3	11.9	11.9	12.1	12.1	11.9

Source: Commission services.

Table A 10 – Prime age population (25-54) (as % of total population)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	-6.6	42.2	41.6	40.4	39.1	37.9	37.0	36.8	36.4	36.1	35.8	35.7	35.6
BG	-9.3	42.7	42.9	43.3	42.8	41.2	39.3	37.5	35.9	34.1	33.2	33.5	33.4
CZ	-10.4	44.3	43.8	43.6	43.6	42.1	39.7	37.2	36.1	35.0	33.9	34.0	33.9
DK	-5.7	41.3	40.2	39.0	38.1	36.9	36.1	36.0	36.4	36.3	35.9	35.7	35.6
DE	-9.7	43.2	42.8	41.8	39.4	36.9	36.2	35.9	35.1	34.1	33.7	33.5	33.5
EE	-6.7	41.6	41.9	42.6	41.8	40.3	38.8	38.2	37.0	35.0	34.4	34.8	34.9
IE	-8.3	44.1	44.5	44.1	42.8	41.5	40.2	38.6	37.1	36.5	36.3	36.0	35.8
EL	-10.0	44.1	44.1	42.9	41.5	39.5	37.5	36.0	34.9	34.5	34.2	34.2	34.1
ES	-13.0	46.7	46.8	45.5	43.4	40.9	38.4	36.1	34.8	34.2	33.9	33.9	33.7
FR	-5.9	40.9	40.0	38.8	37.4	36.2	35.3	35.3	35.2	35.0	35.0	35.0	34.9
IT	-10.0	43.8	43.3	42.3	40.5	38.2	36.3	35.3	34.9	34.6	34.1	34.0	33.7
CY	-6.7	43.7	44.5	44.7	44.3	43.7	42.6	41.5	40.0	38.9	37.8	37.2	37.0
LV	-8.4	42.2	43.1	44.1	43.5	41.7	40.0	39.1	37.3	34.7	33.3	33.8	33.8
LT	-9.8	42.4	43.2	44.0	43.5	42.1	40.1	38.9	37.4	35.0	33.1	32.5	32.6
LU	-8.2	45.5	44.7	43.2	41.6	40.2	39.5	38.9	38.5	38.2	37.9	37.5	37.3
HU	-9.5	43.6	42.9	42.4	43.0	42.2	40.4	38.0	36.9	35.9	34.9	34.5	34.1
MT	-8.3	41.9	41.7	41.1	40.9	41.0	40.1	38.5	37.0	35.8	34.6	33.8	33.6
NL	-8.0	43.0	41.9	40.4	38.8	37.1	36.4	36.4	36.2	35.8	35.5	35.3	34.9
AT	-8.8	44.0	44.0	43.0	41.2	39.0	37.8	37.5	36.7	36.1	35.5	35.3	35.2
PL	-11.5	43.9	44.1	43.5	43.5	43.0	41.4	39.2	36.6	34.6	33.2	32.6	32.4
PT	-9.5	43.9	43.9	43.1	41.7	40.5	39.1	37.4	36.2	35.7	35.2	34.9	34.4
RO	-11.3	44.2	44.2	45.1	45.6	43.5	41.4	39.0	37.2	34.5	33.6	33.2	32.8
SI	-12.5	45.7	45.1	43.7	41.7	39.5	37.7	35.8	34.3	33.3	33.0	33.1	33.2
SK	-13.1	45.5	45.7	45.7	45.4	44.4	42.3	39.4	37.0	34.9	33.3	32.7	32.4
FI	-5.7	40.3	39.4	37.9	36.9	35.9	35.6	35.3	34.9	34.9	34.6	34.6	34.6
SE	-4.0	39.5	39.1	39.1	39.2	37.6	36.5	36.5	36.5	36.0	35.2	35.5	35.6
UK	-4.5	41.2	41.1	41.2	40.4	39.1	38.2	38.5	38.1	37.4	36.8	36.7	36.7
NO	-6.2	41.6	41.1	40.2	39.6	38.3	37.0	36.6	36.4	36.1	35.7	35.4	35.4
EU27	-8.6	43.1	42.8	42.1	40.8	39.0	37.7	36.8	36.0	35.2	34.7	34.5	34.4
EA16	-9.2	43.4	43.0	41.9	40.1	38.1	36.8	36.0	35.3	34.8	34.4	34.3	34.2
EU15	-8.2	42.9	42.5	41.6	40.0	38.2	36.9	36.3	35.8	35.3	34.9	34.8	34.7
EU12	-10.8	43.9	43.9	43.9	43.9	42.7	40.9	38.7	36.7	34.8	33.6	33.3	33.1
EU25	-8.5	43.0	42.7	41.9	40.5	38.8	37.5	36.7	35.9	35.2	34.7	34.6	34.5
EA12	-9.1	43.3	42.9	41.8	40.0	38.0	36.7	35.9	35.2	34.7	34.4	34.4	34.2
EU10	-10.8	43.9	43.9	43.6	43.5	42.7	40.9	38.7	36.7	35.0	33.7	33.3	33.1

Source: Commission services.

Table A 11 – Working age population (15-64) (as % of total population)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	-8.1	65.9	66.0	65.0	63.8	62.4	60.9	59.8	59.2	59.0	58.6	58.2	57.8
BG	-15.5	69.3	69.1	67.0	65.4	64.7	64.2	63.2	61.3	58.6	56.4	54.4	53.8
CZ	-16.9	71.2	70.5	67.5	65.1	64.5	64.3	63.8	61.6	58.4	56.5	55.1	54.4
DK	-7.4	66.1	65.5	64.1	63.1	62.0	60.3	58.7	58.2	58.4	59.2	59.4	58.7
DE	-11.3	66.3	66.0	65.9	64.6	62.6	59.7	57.3	56.7	56.7	56.2	55.4	55.0
EE	-12.7	68.0	67.9	66.1	64.3	63.5	63.2	63.2	62.1	60.4	58.1	55.7	55.3
IE	-10.7	68.6	68.0	66.6	65.6	65.2	65.1	64.6	63.3	61.1	58.8	57.8	57.8
EL	-11.7	67.1	66.8	65.5	64.5	63.8	62.8	61.0	58.9	56.8	55.3	55.2	55.4
ES	-14.1	68.8	68.3	67.0	66.3	65.7	64.5	62.4	59.6	56.6	54.7	54.3	54.7
FR	-7.8	65.2	64.8	63.1	61.6	60.5	59.4	58.5	57.6	57.5	57.3	57.3	57.4
IT	-10.9	66.0	65.6	64.5	63.9	63.3	61.6	59.3	57.0	55.5	55.1	55.1	55.1
CY	-10.9	69.8	70.3	69.3	67.5	66.1	65.4	65.3	64.9	63.8	61.7	60.0	58.8
LV	-15.6	68.9	69.0	67.6	66.1	65.0	64.2	63.8	62.4	60.6	57.8	54.6	53.3
LT	-15.6	68.5	69.2	69.1	67.6	65.7	63.8	62.7	61.5	60.3	58.1	55.0	52.9
LU	-7.4	67.6	67.8	67.6	66.9	65.4	63.5	61.9	61.1	60.9	60.8	60.7	60.3
HU	-13.5	68.9	68.6	67.4	65.4	64.3	64.5	63.8	62.2	59.4	57.7	56.4	55.4
MT	-14.8	69.7	69.6	67.4	65.1	63.0	61.8	61.9	61.6	60.2	58.4	56.5	54.9
NL	-9.7	67.4	67.2	65.6	64.5	62.6	60.2	58.3	57.5	58.0	58.4	58.3	57.8
AT	-10.3	67.5	67.5	67.2	66.3	64.6	62.2	60.1	59.2	58.9	58.3	57.8	57.2
PL	-18.3	70.8	71.5	70.0	67.0	64.6	63.9	63.8	62.7	60.2	56.8	54.1	52.5
PT	-10.9	67.3	66.9	66.1	65.5	64.7	63.5	62.1	60.2	58.2	56.9	56.5	56.3
RO	-16.2	69.8	70.0	69.4	67.9	66.7	66.8	64.9	62.6	59.7	57.3	54.3	53.6
SI	-16.4	70.1	69.5	68.1	65.4	63.5	61.9	60.4	58.9	56.7	54.7	53.7	53.8
SK	-19.3	72.0	72.5	71.5	69.0	67.0	65.9	65.2	63.4	60.2	57.0	54.4	52.7
FI	-10.0	66.5	66.4	63.4	61.0	59.3	58.2	57.7	58.2	58.0	57.5	57.1	56.4
SE	-8.7	65.6	65.3	63.1	61.8	60.9	60.2	59.6	59.5	59.5	59.0	58.0	56.9
UK	-7.7	66.4	66.3	65.1	64.0	63.1	61.8	60.9	60.8	61.0	60.5	59.5	58.7
NO	-8.1	66.0	66.1	65.1	63.9	62.5	61.2	59.9	59.0	59.0	58.9	58.5	57.9
EU27	-11.3	67.3	67.1	65.9	64.6	63.3	61.9	60.4	59.2	58.1	57.1	56.4	56.0
EA16	-10.8	66.7	66.4	65.3	64.2	63.0	61.3	59.5	58.1	57.1	56.4	56.0	55.9
EU15	-10.0	66.5	66.2	65.1	64.1	62.9	61.3	59.6	58.5	57.8	57.2	56.7	56.5
EU12	-16.7	70.2	70.4	69.1	66.8	65.1	64.7	64.0	62.4	59.7	57.0	54.7	53.5
EU25	-11.0	67.1	66.9	65.7	64.4	63.2	61.7	60.2	59.0	58.1	57.1	56.5	56.1
EA12	-10.6	66.6	66.2	65.2	64.2	62.9	61.2	59.4	58.0	57.0	56.3	56.0	56.0
EU10	-17.0	70.4	70.7	69.2	66.6	64.7	64.1	63.8	62.4	59.8	57.0	54.8	53.5

Source: Commission services.

Table A 12 – Elderly population (65 and over) (as % of total population)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	9.4	17.1	17.2	18.3	19.5	21.1	22.9	24.2	25.0	25.4	25.7	26.0	26.5
BG	17.0	17.3	17.5	18.9	20.3	21.8	23.3	24.7	26.7	29.1	31.3	33.4	34.2
CZ	19.0	14.4	15.4	17.9	20.2	21.8	22.9	24.1	26.3	29.3	30.9	32.4	33.4
DK	9.7	15.3	16.4	18.6	20.1	21.4	22.8	24.1	24.8	24.9	24.5	24.4	25.0
DE	12.7	19.8	20.6	21.2	22.8	24.7	27.6	30.2	31.1	31.3	31.7	32.3	32.5
EE	13.6	17.1	17.0	17.7	18.8	20.2	21.7	22.8	24.2	25.5	27.4	29.9	30.7
IE	14.1	11.1	11.3	12.2	13.3	14.5	16.0	17.6	19.4	21.5	23.7	24.8	25.2
EL	13.1	18.6	18.9	20.0	21.1	22.6	24.2	26.3	28.4	30.2	31.5	31.8	31.7
ES	15.7	16.7	16.7	17.3	18.2	19.8	22.1	24.8	27.7	30.5	32.1	32.6	32.3
FR	9.5	16.4	16.7	18.5	20.2	21.7	23.2	24.4	25.3	25.4	25.6	25.9	25.9
IT	12.8	19.9	20.3	21.7	22.7	24.0	26.2	28.6	30.8	32.2	32.6	32.7	32.7
CY	13.9	12.3	12.7	13.8	15.0	16.5	17.9	19.0	20.0	21.3	23.2	24.8	26.2
LV	17.3	17.1	17.4	17.7	18.6	20.2	22.2	23.7	25.4	27.1	29.6	32.8	34.4
LT	19.1	15.6	16.0	16.6	17.6	19.5	22.1	24.3	26.3	27.7	29.7	32.5	34.7
LU	9.5	14.0	14.3	15.1	16.2	17.7	19.6	21.3	22.2	22.7	23.0	23.1	23.6
HU	16.0	15.9	16.6	17.7	19.8	21.4	22.0	23.1	25.0	27.7	29.3	30.7	31.9
MT	18.9	13.5	14.8	18.0	20.3	22.6	24.2	24.8	25.7	27.3	29.1	30.8	32.4
NL	12.8	14.5	15.3	17.8	19.8	21.9	24.1	25.9	26.9	26.8	26.6	26.8	27.3
AT	12.1	16.9	17.6	18.4	19.4	21.1	23.7	26.1	27.2	27.6	28.2	28.5	29.0
PL	22.8	13.4	13.6	15.3	18.2	21.2	23.0	24.2	25.9	28.4	31.6	34.3	36.2
PT	13.6	17.3	17.8	18.9	20.1	21.5	23.3	24.9	26.8	28.8	30.1	30.6	30.9
RO	20.1	14.9	14.9	15.6	17.4	19.4	20.3	22.9	25.5	28.5	30.9	34.0	35.0
SI	17.5	15.9	16.6	17.9	20.4	22.9	25.3	27.4	29.1	31.0	32.5	33.4	33.4
SK	24.3	11.9	12.3	13.8	16.4	19.1	21.3	23.0	25.3	28.6	31.6	34.3	36.1
FI	11.4	16.5	17.1	20.1	22.4	24.1	25.5	26.4	26.2	26.4	26.8	27.1	27.8
SE	9.2	17.4	18.2	19.9	20.8	21.6	22.5	23.6	24.3	24.4	24.7	25.5	26.6
UK	8.7	16.0	16.4	17.6	18.3	19.2	20.5	21.9	22.4	22.4	23.0	23.9	24.7
NO	10.8	14.6	15.0	16.7	18.1	19.6	21.0	22.6	23.8	24.1	24.4	24.8	25.4
EU27	13.0	17.0	17.4	18.6	20.1	21.7	23.6	25.4	26.8	27.9	28.8	29.6	30.0
EA16	12.4	17.8	18.3	19.4	20.8	22.4	24.5	26.6	28.1	29.1	29.8	30.1	30.2
EU15	11.4	17.6	18.0	19.2	20.4	21.9	23.9	25.8	27.1	27.8	28.4	28.8	29.0
EU12	20.2	14.5	14.8	16.2	18.5	20.8	22.2	23.8	25.8	28.4	30.9	33.3	34.7
EU25	12.7	17.0	17.5	18.8	20.2	21.8	23.7	25.5	26.9	27.9	28.7	29.4	29.7
EA12	12.2	18.0	18.4	19.5	20.9	22.5	24.6	26.7	28.2	29.1	29.8	30.1	30.1
EU10	20.5	14.1	14.5	16.1	18.6	21.0	22.6	23.9	25.8	28.3	30.9	33.1	34.6

Source: Commission services.

Table A 13 – Very elderly population (80 and over) (as % of total population)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	5.7	4.6	4.9	5.4	5.6	5.6	6.5	7.4	8.4	9.4	10.0	10.2	10.2
BG	9.4	3.5	3.8	4.4	4.6	4.9	6.1	7.1	8.0	8.7	9.6	11.0	12.8
CZ	10.1	3.3	3.6	3.9	4.1	5.0	6.6	7.9	8.4	8.7	9.3	11.1	13.4
DK	5.9	4.1	4.1	4.2	4.7	5.7	7.1	7.7	8.1	8.9	9.7	10.1	10.0
DE	8.6	4.6	5.1	5.7	7.1	7.9	8.0	8.9	10.3	12.4	14.0	13.8	13.2
EE	7.3	3.5	4.0	4.5	5.2	5.4	5.9	6.8	7.8	8.6	9.0	9.8	10.7
IE	6.9	2.7	2.8	2.9	3.1	3.5	4.3	5.0	5.7	6.5	7.3	8.3	9.6
EL	9.6	3.9	4.6	5.8	6.5	6.5	7.1	7.9	8.9	9.9	11.2	12.4	13.5
ES	10.0	4.5	4.8	5.3	5.4	5.7	6.4	7.2	8.3	9.7	11.3	12.9	14.5
FR	5.9	4.9	5.3	5.9	6.0	6.1	7.3	8.5	9.3	10.0	10.5	10.9	10.8
IT	9.6	5.3	5.8	6.6	7.3	7.7	8.5	9.1	10.0	11.5	13.1	14.4	14.9
CY	5.9	2.8	2.8	3.0	3.4	3.9	4.6	5.3	6.1	6.8	7.3	7.8	8.6
LV	8.5	3.4	3.9	4.5	5.2	5.6	5.9	6.7	7.9	9.2	9.9	10.9	11.9
LT	8.9	3.1	3.6	4.4	4.9	5.3	5.6	6.4	7.8	9.6	10.7	11.5	12.0
LU	5.6	3.3	3.8	4.1	4.3	4.4	5.0	5.8	6.7	7.8	8.6	8.9	8.9
HU	9.0	3.6	3.9	4.4	4.8	5.4	6.2	7.6	8.4	8.5	9.1	10.5	12.6
MT	9.1	2.7	3.3	3.9	4.5	5.2	7.1	8.3	9.3	9.9	9.9	10.4	11.8
NL	7.2	3.7	3.9	4.3	4.7	5.4	6.9	8.0	9.0	10.1	11.1	11.4	10.9
AT	6.9	4.5	4.7	4.9	5.2	6.2	6.7	7.2	8.4	10.1	11.5	11.7	11.4
PL	10.2	2.9	3.3	4.0	4.4	4.5	5.7	7.7	9.4	10.0	10.1	11.0	13.1
PT	8.7	4.1	4.5	5.2	5.8	6.1	6.8	7.6	8.4	9.5	10.5	11.6	12.8
RO	10.4	2.7	3.0	3.6	4.2	4.3	4.9	6.2	7.4	7.7	9.4	11.1	13.1
SI	10.5	3.4	3.9	4.8	5.4	6.0	6.7	8.4	9.9	11.0	12.0	12.7	13.9
SK	10.7	2.5	2.7	3.0	3.2	3.7	4.7	6.4	7.8	8.7	9.3	10.8	13.2
FI	6.6	4.2	4.6	5.1	5.6	6.2	8.2	9.4	10.1	10.6	10.8	10.5	10.8
SE	4.7	5.4	5.3	5.2	5.4	6.3	7.6	8.1	8.4	8.8	9.5	10.0	10.0
UK	4.5	4.5	4.6	4.8	5.0	5.3	6.3	6.7	7.3	8.1	8.9	9.1	9.0
NO	5.3	4.7	4.6	4.4	4.4	5.0	6.3	7.1	7.8	8.4	9.3	9.9	10.0
EU27	7.8	4.3	4.7	5.2	5.7	6.1	6.9	7.9	8.9	10.0	11.0	11.7	12.1
EA16	8.2	4.6	5.0	5.6	6.2	6.6	7.4	8.2	9.3	10.6	11.8	12.5	12.8
EU15	7.3	4.6	5.0	5.5	6.0	6.5	7.2	8.0	8.9	10.2	11.3	11.8	12.0
EU12	9.9	3.0	3.4	4.0	4.4	4.7	5.7	7.2	8.5	9.0	9.7	11.0	12.9
EU25	7.7	4.4	4.7	5.3	5.8	6.2	7.0	7.9	8.9	10.1	11.1	11.7	12.1
EA12	8.1	4.7	5.1	5.7	6.3	6.7	7.4	8.3	9.3	10.7	11.9	12.5	12.8
EU10	9.8	3.0	3.4	4.0	4.4	4.7	5.8	7.5	8.8	9.4	9.8	10.9	12.9

Source: Commission services.

Table A 14 - Very elderly population (80 and over) (as % of elderly population)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	11.9	26.7	28.5	29.5	28.6	26.5	28.2	30.4	33.5	37.0	38.7	39.2	38.6
BG	17.4	20.1	21.6	23.1	22.5	22.7	26.2	28.8	29.9	29.9	30.7	33.0	37.5
CZ	17.5	22.6	23.3	22.1	20.3	23.1	28.9	32.9	31.9	29.8	30.1	34.2	40.1
DK	13.2	26.9	25.1	22.7	23.3	26.8	31.0	31.7	32.8	35.7	39.8	41.4	40.1
DE	17.3	23.3	24.6	26.7	31.1	32.1	28.9	29.4	33.1	39.6	44.1	42.7	40.6
EE	14.6	20.3	23.4	25.7	27.8	26.5	27.0	29.7	32.3	33.9	33.0	32.9	35.0
IE	13.5	24.5	24.8	23.9	23.6	24.2	26.6	28.3	29.3	30.0	30.6	33.3	38.0
EL	21.6	20.9	24.2	29.1	30.7	28.8	29.4	30.0	31.4	32.8	35.6	39.2	42.6
ES	17.7	27.1	28.7	30.7	29.8	28.7	28.8	28.9	30.0	31.9	35.1	39.6	44.8
FR	12.0	29.6	31.7	31.8	29.9	28.1	31.5	34.8	36.9	39.5	40.9	42.1	41.6
IT	18.9	26.7	28.7	30.6	32.3	32.1	32.5	31.8	32.4	35.6	40.2	44.1	45.6
CY	10.5	22.5	22.3	21.9	22.6	23.5	25.5	27.9	30.5	32.2	31.3	31.3	33.0
LV	14.9	19.7	22.6	25.3	28.1	27.8	26.7	28.2	31.1	33.8	33.4	33.1	34.6
LT	14.7	19.9	22.7	26.2	27.9	27.0	25.3	26.2	29.8	34.5	35.9	35.4	34.5
LU	14.1	23.7	26.3	27.4	26.5	25.1	25.5	27.1	30.2	34.2	37.4	38.3	37.8
HU	16.9	22.6	23.7	24.9	24.0	25.3	28.2	32.7	33.7	30.5	31.1	34.2	39.6
MT	16.3	20.2	22.5	21.6	22.4	22.8	29.2	33.4	36.3	36.2	33.9	33.9	36.5
NL	14.6	25.4	25.4	24.1	23.8	24.9	28.8	30.7	33.3	37.8	41.6	42.4	39.9
AT	12.6	26.5	27.0	26.4	26.8	29.2	28.2	27.8	30.8	36.5	40.7	41.0	39.2
PL	14.9	21.3	24.4	25.9	23.9	21.0	24.7	31.7	36.4	35.1	31.8	32.1	36.1
PT	17.8	23.7	25.2	27.8	28.9	28.5	29.1	30.4	31.5	33.1	34.7	37.9	41.4
RO	19.6	17.9	20.3	23.3	24.2	22.2	24.3	27.1	29.1	26.9	30.5	32.6	37.5
SI	20.1	21.3	23.5	27.0	26.5	26.2	26.4	30.5	34.0	35.6	36.8	37.8	41.4
SK	15.3	21.2	22.2	22.0	19.7	19.6	22.3	27.8	30.7	30.4	29.5	31.5	36.5
FI	13.4	25.4	27.2	25.4	25.2	25.8	32.0	35.8	38.7	40.1	40.2	38.6	38.8
SE	6.8	31.0	29.3	26.2	26.0	29.4	33.9	34.4	34.6	36.1	38.5	39.1	37.8
UK	8.2	28.0	28.1	27.0	27.2	27.9	30.5	30.7	32.4	36.3	38.9	38.2	36.3
NO	7.4	31.8	30.5	26.4	24.3	25.5	29.9	31.4	32.9	35.0	38.1	40.0	39.2
EU27	15.2	25.3	26.8	27.8	28.4	28.2	29.4	30.9	33.0	35.7	38.2	39.5	40.5
EA16	16.4	25.8	27.4	28.9	29.9	29.6	30.0	31.0	33.0	36.5	39.7	41.4	42.2
EU15	15.0	26.3	27.6	28.6	29.5	29.5	30.3	31.0	33.0	36.6	39.7	41.1	41.3
EU12	16.6	20.6	22.9	24.4	23.5	22.5	25.6	30.3	33.0	31.7	31.4	32.9	37.2
EU25	15.0	25.7	27.1	28.1	28.7	28.5	29.6	31.1	33.2	36.1	38.6	39.9	40.7
EA12	16.5	25.9	27.5	29.0	30.1	29.8	30.1	31.0	33.1	36.7	39.9	41.6	42.4
EU10	15.6	21.5	23.8	24.8	23.5	22.5	25.8	31.3	34.3	33.2	31.7	33.0	37.2

Source: Commission services.

Table A 15 - Very elderly population (80 and over) (as % of working-age population)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	10.8	6.9	7.4	8.3	8.8	9.0	10.6	12.3	14.2	15.9	17.0	17.5	17.7
BG	18.8	5.0	5.5	6.5	7.0	7.7	9.5	11.3	13.0	14.9	17.0	20.3	23.8
CZ	20.1	4.6	5.1	5.8	6.3	7.8	10.3	12.4	13.6	14.9	16.5	20.1	24.6
DK	10.9	6.2	6.3	6.6	7.4	9.3	11.7	13.0	14.0	15.2	16.4	17.0	17.1
DE	17.0	7.0	7.7	8.6	11.0	12.7	13.4	15.5	18.1	21.8	24.9	24.8	24.0
EE	14.3	5.1	5.8	6.9	8.1	8.4	9.3	10.7	12.6	14.3	15.6	17.6	19.4
IE	12.6	3.9	4.1	4.4	4.8	5.4	6.6	7.7	9.0	10.6	12.4	14.3	16.6
EL	18.5	5.8	6.8	8.9	10.1	10.2	11.3	12.9	15.2	17.5	20.3	22.6	24.3
ES	19.9	6.6	7.0	7.9	8.2	8.7	9.9	11.5	13.9	17.2	20.6	23.8	26.5
FR	11.3	7.5	8.2	9.3	9.8	10.1	12.3	14.5	16.2	17.4	18.3	19.0	18.8
IT	19.0	8.1	8.9	10.3	11.4	12.2	13.8	15.4	17.5	20.6	23.8	26.2	27.0
CY	10.7	4.0	4.0	4.3	5.0	5.9	7.0	8.1	9.4	10.7	11.8	13.0	14.7
LV	17.4	4.9	5.7	6.6	7.9	8.6	9.2	10.4	12.7	15.1	17.1	19.9	22.3
LT	18.2	4.5	5.3	6.3	7.3	8.0	8.8	10.2	12.8	15.9	18.4	20.9	22.7
LU	9.9	4.9	5.5	6.1	6.4	6.8	7.9	9.3	11.0	12.7	14.1	14.6	14.8
HU	17.6	5.2	5.7	6.6	7.3	8.4	9.6	11.9	13.5	14.2	15.8	18.6	22.8
MT	17.6	3.9	4.8	5.8	7.0	8.2	11.4	13.3	15.1	16.4	16.9	18.5	21.5
NL	13.4	5.4	5.8	6.5	7.3	8.7	11.5	13.6	15.6	17.5	19.0	19.5	18.8
AT	13.2	6.6	7.0	7.2	7.8	9.6	10.8	12.1	14.2	17.1	19.6	20.2	19.8
PL	20.9	4.0	4.6	5.7	6.5	6.9	8.9	12.0	15.0	16.5	17.7	20.4	24.9
PT	16.6	6.1	6.7	7.9	8.9	9.5	10.7	12.2	14.0	16.4	18.4	20.5	22.7
RO	20.6	3.8	4.3	5.2	6.2	6.5	7.4	9.6	11.9	12.8	16.5	20.4	24.4
SI	20.9	4.8	5.6	7.1	8.3	9.5	10.8	13.8	16.8	19.5	21.9	23.6	25.8
SK	21.5	3.5	3.8	4.2	4.7	5.6	7.2	9.8	12.3	14.5	16.4	19.8	25.0
FI	12.8	6.3	7.0	8.1	9.3	10.5	14.1	16.4	17.4	18.2	18.7	18.3	19.1
SE	9.4	8.2	8.1	8.3	8.8	10.4	12.7	13.6	14.1	14.9	16.2	17.2	17.6
UK	8.5	6.8	6.9	7.3	7.8	8.5	10.1	11.0	11.9	13.3	14.8	15.4	15.3
NO	10.2	7.1	6.9	6.8	6.9	8.0	10.2	11.9	13.2	14.3	15.8	16.9	17.2
EU27	15.3	6.4	6.9	7.9	8.8	9.6	11.2	13.0	15.0	17.1	19.2	20.7	21.7
EA16	15.9	6.9	7.6	8.6	9.7	10.5	12.0	13.9	16.0	18.6	21.0	22.3	22.8
EU15	14.2	7.0	7.5	8.4	9.4	10.3	11.8	13.4	15.3	17.6	19.7	20.8	21.2
EU12	19.9	4.3	4.8	5.7	6.5	7.2	8.8	11.3	13.6	15.1	17.0	20.1	24.1
EU25	15.0	6.5	7.1	8.0	9.0	9.8	11.4	13.2	15.1	17.3	19.4	20.7	21.5
EA12	15.8	7.0	7.6	8.7	9.8	10.6	12.1	14.0	16.1	18.7	21.1	22.4	22.8
EU10	19.8	4.3	4.9	5.8	6.6	7.3	9.1	11.7	14.2	15.7	17.1	19.9	24.1

Source: Commission services.

Table A 16 – Potential GDP (annual growth rate)

Country	Avg 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	1.8	2.5	2.5	2.3	1.9	1.6	1.6	1.7	1.8	1.7	1.7	1.7	1.7
BG	1.9	6.4	4.0	3.0	2.4	2.0	1.7	1.5	1.4	0.7	0.3	0.7	0.8
CZ	1.8	5.2	4.2	3.0	2.5	1.6	1.4	1.1	0.9	0.9	0.7	0.9	1.1
DK	1.7	2.3	1.7	1.7	1.6	1.8	1.5	1.6	1.7	1.9	1.9	1.7	1.6
DE	1.2	1.4	1.9	1.9	1.5	0.9	1.3	1.1	1.1	1.2	1.0	1.0	1.0
EE	2.1	7.8	5.0	3.2	2.6	2.3	2.2	1.3	1.0	0.7	0.6	0.8	1.2
IE	2.4	5.2	4.1	3.4	2.9	2.6	2.3	2.1	1.8	1.5	1.6	1.8	2.0
EL	1.8	3.8	3.0	2.7	2.9	1.8	1.3	1.1	1.0	1.1	1.2	1.3	1.4
ES	1.9	3.7	2.9	3.1	3.4	2.5	1.8	1.3	0.9	0.8	1.1	1.4	1.6
FR	1.8	2.1	2.0	2.0	1.9	1.8	1.7	1.8	1.8	1.8	1.8	1.8	1.8
IT	1.4	1.5	1.5	2.1	1.9	1.7	1.4	1.1	1.0	1.2	1.3	1.4	1.4
CY	2.8	3.6	3.8	3.8	3.9	3.2	2.9	2.6	2.3	2.0	1.8	1.8	1.8
LV	1.8	8.6	5.0	3.0	2.1	2.0	1.8	1.0	0.7	0.2	-0.1	0.4	1.1
LT	1.8	8.0	5.0	3.6	2.5	1.8	1.5	0.8	0.8	0.5	0.2	0.2	0.4
LU	2.7	4.5	5.0	4.0	2.7	2.3	2.1	2.2	2.2	2.2	2.2	2.0	2.0
HU	1.7	2.9	3.3	2.8	2.4	2.1	2.1	1.5	1.1	1.0	0.8	0.9	1.0
MT	1.7	2.9	2.3	2.7	2.7	1.9	1.7	1.4	1.2	1.0	0.8	0.8	1.0
NL	1.5	2.1	1.9	1.7	1.5	1.3	1.2	1.4	1.5	1.6	1.5	1.4	1.3
AT	1.7	2.2	2.2	1.9	1.9	1.6	1.5	1.6	1.5	1.5	1.5	1.4	1.5
PL	1.7	5.9	4.2	3.1	2.5	2.5	2.0	1.0	0.5	0.3	0.3	0.3	0.5
PT	1.8	1.3	2.0	2.1	2.1	2.1	2.5	2.2	1.8	1.5	1.2	1.3	1.4
RO	2.0	6.4	5.2	3.9	2.9	2.2	1.6	1.8	1.1	0.6	0.3	0.6	0.3
SI	1.6	4.9	3.4	3.2	2.6	1.4	0.8	0.7	0.7	0.7	0.8	1.0	1.1
SK	2.0	6.5	6.2	4.2	3.4	2.3	2.0	0.8	0.5	0.3	0.2	0.3	0.5
FI	1.7	3.4	2.6	1.9	1.7	1.5	1.5	1.6	1.6	1.6	1.5	1.4	1.5
SE	1.9	3.5	2.7	2.2	1.9	1.9	1.7	1.8	1.9	1.8	1.7	1.6	1.7
UK	2.1	2.7	2.7	2.4	2.0	2.0	2.1	2.1	2.1	2.1	1.9	1.8	1.8
NO	2.0	6.0	2.1	2.1	2.0	1.9	1.7	1.7	1.9	1.9	1.9	1.8	1.8
EU27	1.7	2.7	2.5	2.3	2.1	1.8	1.7	1.5	1.4	1.4	1.3	1.4	1.4
EA16	1.6	2.3	2.2	2.2	2.1	1.6	1.6	1.4	1.3	1.3	1.3	1.4	1.4
EU15	1.7	2.3	2.2	2.2	2.0	1.7	1.6	1.5	1.5	1.5	1.5	1.5	1.5
EU12	1.8	5.7	4.4	3.3	2.6	2.2	1.8	1.2	0.8	0.6	0.4	0.6	0.7
EU25	1.7	2.6	2.4	2.3	2.1	1.8	1.7	1.5	1.4	1.4	1.4	1.4	1.5
EA12	1.6	2.2	2.1	2.2	2.0	1.6	1.5	1.4	1.3	1.3	1.4	1.4	1.5
EU10	1.8	5.5	4.2	3.2	2.6	2.2	1.9	1.1	0.7	0.6	0.5	0.6	0.8

Source: Commission services.

Table A 17 - Employment (annual growth rate)

Country	Avg 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	0.2	1.3	1.3	0.6	0.2	-0.1	-0.1	0.0	0.1	0.0	0.0	0.0	0.0
BG	-0.8	2.3	0.0	-0.5	-0.9	-1.0	-1.0	-1.2	-1.3	-1.4	-1.4	-1.0	-0.9
CZ	-0.4	1.1	0.4	0.0	-0.4	-0.5	-0.3	-0.6	-0.8	-0.8	-1.0	-0.8	-0.5
DK	0.0	0.5	-0.1	-0.1	-0.2	0.1	-0.2	-0.1	0.0	0.2	0.2	0.0	-0.1
DE	-0.4	0.2	0.4	0.3	-0.2	-0.9	-0.4	-0.6	-0.6	-0.5	-0.7	-0.7	-0.7
EE	-0.6	1.5	0.1	-0.7	-0.7	-0.7	-0.5	-0.5	-0.7	-0.9	-1.1	-0.9	-0.5
IE	0.7	3.3	2.5	1.5	1.1	0.8	0.7	0.4	0.1	-0.2	-0.1	0.1	0.3
EL	-0.2	1.1	0.7	0.3	0.0	-0.4	-0.4	-0.6	-0.7	-0.6	-0.5	-0.4	-0.3
ES	0.2	3.3	2.2	1.2	0.8	0.1	-0.1	-0.4	-0.8	-0.9	-0.6	-0.3	-0.1
FR	0.2	1.0	0.4	0.3	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.2	0.1
IT	-0.1	1.3	0.9	0.5	0.2	0.0	-0.3	-0.7	-0.7	-0.5	-0.4	-0.3	-0.3
CY	0.9	2.1	2.5	1.7	1.2	0.9	0.9	0.8	0.6	0.3	0.1	0.1	0.2
LV	-0.9	2.1	-0.1	-1.0	-1.2	-1.0	-0.9	-0.9	-1.0	-1.5	-1.9	-1.3	-0.6
LT	-0.9	1.8	0.4	-0.1	-0.9	-1.2	-1.2	-1.1	-0.9	-1.2	-1.5	-1.5	-1.3
LU	0.9	3.1	3.6	2.1	0.7	0.4	0.4	0.5	0.5	0.5	0.5	0.4	0.3
HU	-0.5	-0.1	0.8	0.3	-0.2	-0.5	-0.6	-0.8	-1.0	-1.0	-0.9	-0.8	-0.7
MT	-0.2	2.0	0.4	0.2	0.0	-0.3	-0.1	-0.3	-0.5	-0.7	-0.9	-0.9	-0.7
NL	-0.2	0.8	0.3	0.1	-0.2	-0.4	-0.5	-0.3	-0.2	-0.1	-0.2	-0.3	-0.4
AT	0.0	0.7	0.6	0.2	0.2	-0.1	-0.2	-0.1	-0.2	-0.2	-0.2	-0.3	-0.2
PL	-0.6	2.8	0.5	-0.3	-0.6	-0.3	-0.6	-0.8	-1.1	-1.4	-1.5	-1.5	-1.2
PT	-0.1	0.3	0.8	0.6	0.3	0.1	-0.1	-0.3	-0.4	-0.5	-0.5	-0.4	-0.3
RO	-0.9	0.2	0.1	-0.1	-0.5	-0.9	-1.1	-0.9	-1.6	-1.3	-1.4	-1.1	-1.4
SI	-0.6	1.2	-0.2	0.0	-0.5	-0.9	-0.9	-0.9	-1.0	-1.0	-0.9	-0.7	-0.6
SK	-0.6	0.8	1.5	0.7	0.3	-0.7	-0.6	-1.1	-1.2	-1.4	-1.5	-1.4	-1.2
FI	-0.1	1.2	0.0	-0.1	-0.1	-0.3	-0.2	-0.1	-0.1	-0.1	-0.2	-0.3	-0.2
SE	0.2	1.7	0.9	0.4	0.1	0.2	0.1	0.1	0.2	0.2	0.0	-0.1	0.0
UK	0.3	0.7	0.6	0.5	0.2	0.3	0.4	0.4	0.5	0.4	0.2	0.1	0.1
NO	0.3	3.8	0.7	0.4	0.3	0.2	0.1	0.1	0.2	0.2	0.2	0.1	0.1
EU27	-0.1	1.2	0.7	0.4	0.0	-0.2	-0.2	-0.3	-0.4	-0.4	-0.4	-0.4	-0.3
EA16	-0.1	1.2	0.9	0.5	0.2	-0.2	-0.2	-0.4	-0.4	-0.4	-0.4	-0.3	-0.3
EU15	0.0	1.1	0.8	0.5	0.2	-0.1	-0.1	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
EU12	-0.7	1.5	0.4	-0.1	-0.5	-0.6	-0.7	-0.8	-1.1	-1.2	-1.3	-1.2	-1.0
EU25	-0.1	1.2	0.8	0.4	0.1	-0.2	-0.2	-0.3	-0.3	-0.3	-0.4	-0.3	-0.3
EA12	-0.1	1.2	0.8	0.5	0.2	-0.2	-0.2	-0.4	-0.4	-0.4	-0.4	-0.3	-0.2
EU10	-0.6	1.9	0.5	-0.1	-0.5	-0.5	-0.6	-0.8	-1.0	-1.2	-1.3	-1.2	-0.9

Source: Commission services.

Table A 18 – Labour input – hours worked (annual growth rate)

Country	Avg 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	0.2	1.2	1.2	0.6	0.1	-0.1	-0.1	0.0	0.1	0.0	0.0	0.0	0.0
BG	-0.8	2.4	0.0	-0.5	-0.9	-1.0	-1.0	-1.2	-1.3	-1.4	-1.4	-1.0	-0.9
CZ	-0.4	1.0	0.4	0.0	-0.4	-0.5	-0.3	-0.6	-0.8	-0.8	-1.0	-0.8	-0.5
DK	0.0	0.3	-0.3	-0.2	-0.1	0.1	-0.2	-0.1	0.0	0.2	0.2	0.1	-0.1
DE	-0.5	-0.1	0.4	0.2	-0.2	-0.9	-0.4	-0.6	-0.6	-0.5	-0.7	-0.7	-0.7
EE	-0.6	1.6	0.1	-0.7	-0.7	-0.7	-0.5	-0.5	-0.7	-1.0	-1.1	-0.9	-0.5
IE	0.7	2.9	2.5	1.5	1.0	0.8	0.7	0.4	0.1	-0.1	-0.1	0.1	0.3
EL	-0.2	1.3	0.7	0.3	0.0	-0.4	-0.5	-0.6	-0.7	-0.6	-0.5	-0.4	-0.3
ES	0.1	2.7	2.1	1.2	0.8	0.1	-0.1	-0.4	-0.8	-0.9	-0.6	-0.3	-0.1
FR	0.1	0.6	0.4	0.3	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.2	0.1
IT	-0.1	1.2	0.9	0.5	0.2	0.0	-0.3	-0.6	-0.6	-0.5	-0.4	-0.3	-0.3
CY	0.8	1.9	2.5	1.7	1.1	0.9	0.8	0.8	0.6	0.3	0.1	0.1	0.2
LV	-0.9	2.0	-0.1	-1.0	-1.2	-1.0	-0.9	-0.9	-1.0	-1.5	-1.9	-1.3	-0.6
LT	-0.8	2.4	0.4	-0.1	-0.9	-1.2	-1.2	-1.1	-0.9	-1.2	-1.5	-1.5	-1.3
LU	0.9	2.7	3.6	2.1	0.7	0.4	0.4	0.5	0.5	0.5	0.5	0.4	0.3
HU	-0.5	-0.3	0.8	0.3	-0.2	-0.5	-0.6	-0.8	-1.0	-0.9	-0.9	-0.8	-0.7
MT	-0.2	1.4	0.4	0.2	0.0	-0.2	-0.1	-0.3	-0.5	-0.7	-0.9	-0.9	-0.7
NL	-0.2	0.5	0.2	0.0	-0.3	-0.4	-0.5	-0.3	-0.2	-0.1	-0.2	-0.3	-0.4
AT	0.0	0.6	0.6	0.2	0.2	-0.1	-0.2	-0.1	-0.2	-0.2	-0.2	-0.3	-0.2
PL	-0.7	2.8	0.4	-0.3	-0.6	-0.4	-0.7	-0.9	-1.2	-1.4	-1.4	-1.4	-1.2
PT	-0.1	0.2	0.8	0.6	0.3	0.1	-0.1	-0.3	-0.4	-0.5	-0.5	-0.4	-0.3
RO	-0.8	1.0	0.1	-0.1	-0.5	-0.9	-1.1	-0.9	-1.6	-1.3	-1.4	-1.1	-1.4
SI	-0.6	1.2	-0.3	0.0	-0.5	-0.9	-0.9	-1.0	-1.0	-1.0	-0.9	-0.7	-0.6
SK	-0.6	1.0	1.5	0.7	0.3	-0.7	-0.7	-1.1	-1.2	-1.4	-1.5	-1.4	-1.2
FI	-0.1	0.8	0.0	-0.1	-0.1	-0.3	-0.2	-0.1	-0.1	-0.1	-0.2	-0.3	-0.2
SE	0.2	1.6	0.9	0.4	0.1	0.2	0.0	0.1	0.2	0.1	0.0	-0.1	0.0
UK	0.3	0.2	0.6	0.5	0.2	0.3	0.4	0.4	0.5	0.4	0.2	0.1	0.1
NO	0.3	3.9	0.6	0.4	0.3	0.2	0.0	0.0	0.2	0.2	0.2	0.1	0.1
EU27	-0.1	1.0	0.7	0.3	0.0	-0.2	-0.2	-0.4	-0.4	-0.4	-0.4	-0.4	-0.3
EA16	-0.1	0.9	0.9	0.5	0.2	-0.2	-0.2	-0.4	-0.4	-0.4	-0.4	-0.3	-0.3
EU15	0.0	0.8	0.8	0.5	0.2	-0.1	-0.1	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
EU12	-0.7	1.7	0.4	-0.1	-0.5	-0.6	-0.7	-0.9	-1.2	-1.2	-1.3	-1.1	-1.0
EU25	-0.1	1.0	0.7	0.4	0.1	-0.2	-0.2	-0.3	-0.4	-0.4	-0.4	-0.3	-0.3
EA12	-0.1	0.9	0.8	0.5	0.2	-0.2	-0.2	-0.4	-0.4	-0.4	-0.4	-0.3	-0.2
EU10	-0.6	1.9	0.5	-0.1	-0.5	-0.5	-0.6	-0.8	-1.0	-1.2	-1.2	-1.2	-0.9

Source: Commission services.

Table A 19 – Labour productivity per hour (annual growth rate)

Country	Avg 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	1.7	1.3	1.3	1.7	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7
BG	2.7	4.0	4.0	3.6	3.3	3.0	2.7	2.7	2.7	2.2	1.7	1.7	1.7
CZ	2.2	4.1	3.8	3.0	2.9	2.2	1.8	1.7	1.7	1.7	1.7	1.7	1.7
DK	1.7	2.0	1.9	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
DE	1.7	1.5	1.5	1.6	1.7	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7
EE	2.6	6.0	4.9	3.9	3.3	3.0	2.7	1.9	1.7	1.7	1.7	1.7	1.7
IE	1.8	2.2	1.6	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7
EL	2.0	2.5	2.3	2.4	2.9	2.2	1.8	1.7	1.7	1.7	1.7	1.7	1.7
ES	1.8	1.0	0.8	1.9	2.7	2.4	1.9	1.8	1.7	1.7	1.7	1.7	1.7
FR	1.7	1.5	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
IT	1.6	0.3	0.6	1.5	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
CY	1.9	1.7	1.3	2.1	2.7	2.3	2.0	1.9	1.8	1.7	1.7	1.7	1.7
LV	2.7	6.4	5.1	3.9	3.3	3.0	2.7	1.9	1.7	1.7	1.7	1.7	1.7
LT	2.6	5.4	4.6	3.7	3.3	3.0	2.7	1.9	1.7	1.7	1.7	1.7	1.7
LU	1.7	1.7	1.4	1.9	2.0	1.9	1.7	1.7	1.7	1.7	1.7	1.7	1.7
HU	2.3	3.2	2.5	2.6	2.6	2.6	2.7	2.3	2.1	1.9	1.7	1.7	1.7
MT	1.9	1.5	1.9	2.5	2.7	2.1	1.8	1.7	1.7	1.7	1.7	1.7	1.7
NL	1.7	1.6	1.7	1.7	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
AT	1.7	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
PL	2.4	3.0	3.7	3.4	3.1	2.8	2.7	1.9	1.7	1.7	1.7	1.7	1.7
PT	1.9	1.1	1.1	1.5	1.8	2.0	2.7	2.5	2.2	2.0	1.7	1.7	1.7
RO	2.9	5.4	5.1	4.0	3.4	3.0	2.7	2.7	2.7	2.0	1.7	1.7	1.7
SI	2.2	3.6	3.7	3.2	3.1	2.3	1.8	1.7	1.7	1.7	1.7	1.7	1.7
SK	2.6	5.3	4.7	3.5	3.1	2.9	2.7	1.9	1.7	1.7	1.7	1.7	1.7
FI	1.8	2.5	2.6	2.0	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7
SE	1.7	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
UK	1.8	2.5	2.1	1.9	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7
NO	1.7	1.6	1.5	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
EU27	1.8	1.7	1.7	2.0	2.1	2.0	1.9	1.8	1.8	1.7	1.7	1.7	1.7
EA16	1.7	1.3	1.3	1.7	1.9	1.9	1.8	1.7	1.7	1.7	1.7	1.7	1.7
EU15	1.7	1.5	1.5	1.7	1.9	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7
EU12	2.5	3.8	3.9	3.4	3.1	2.8	2.5	2.1	2.0	1.8	1.7	1.7	1.7
EU25	1.8	1.6	1.7	1.9	2.0	1.9	1.8	1.8	1.7	1.7	1.7	1.7	1.7
EA12	1.7	1.3	1.3	1.7	1.9	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7
EU10	2.4	3.6	3.7	3.2	3.0	2.7	2.5	1.9	1.8	1.7	1.7	1.7	1.7

Source: Commission services.

Table A 20 - TFP (annual growth rate)

Country	Avg 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	1.1	0.8	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
BG	1.5	1.2	0.9	1.5	1.7	1.7	1.7	1.7	1.7	1.4	1.1	1.1	1.1
CZ	1.4	3.1	2.6	1.8	1.8	1.3	1.2	1.1	1.1	1.1	1.1	1.1	1.1
DK	1.1	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
DE	1.1	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
EE	1.5	2.7	2.2	1.8	1.8	1.8	1.8	1.2	1.1	1.1	1.1	1.1	1.1
IE	1.1	1.4	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
EL	1.2	1.3	1.1	1.3	1.7	1.3	1.2	1.1	1.1	1.1	1.1	1.1	1.1
ES	1.1	0.3	0.3	1.1	1.7	1.5	1.3	1.2	1.1	1.1	1.1	1.1	1.1
FR	1.1	0.9	0.9	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
IT	1.0	0.1	0.4	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
CY	1.2	0.7	0.7	1.3	1.7	1.5	1.3	1.2	1.2	1.1	1.1	1.1	1.1
LV	1.5	3.1	2.6	1.9	1.8	1.8	1.8	1.2	1.1	1.1	1.1	1.1	1.1
LT	1.5	2.8	2.3	1.8	1.8	1.8	1.8	1.2	1.1	1.1	1.1	1.1	1.1
LU	1.1	0.8	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
HU	1.4	1.5	1.3	1.4	1.5	1.6	1.7	1.5	1.3	1.2	1.1	1.1	1.1
MT	1.2	1.0	1.1	1.6	1.7	1.3	1.2	1.1	1.1	1.1	1.1	1.1	1.1
NL	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
AT	1.1	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
PL	1.4	1.7	1.5	1.6	1.7	1.7	1.7	1.2	1.1	1.1	1.1	1.1	1.1
PT	1.2	0.5	0.8	1.0	1.2	1.3	1.7	1.6	1.4	1.3	1.1	1.1	1.1
RO	1.6	2.5	2.2	1.9	1.8	1.8	1.8	1.8	1.8	1.3	1.1	1.1	1.1
SI	1.3	1.5	1.5	1.6	1.7	1.3	1.2	1.1	1.1	1.1	1.1	1.1	1.1
SK	1.6	3.5	3.2	2.0	1.8	1.8	1.8	1.2	1.1	1.1	1.1	1.1	1.1
FI	1.2	2.0	1.8	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
SE	1.1	1.6	1.3	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
UK	1.1	1.4	1.3	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
NO	1.1	2.1	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
EU27	1.1	1.0	1.0	1.2	1.3	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1
EA16	1.1	0.8	0.9	1.1	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1
EU15	1.1	0.9	0.9	1.1	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1
EU12	1.4	2.1	1.9	1.7	1.7	1.6	1.6	1.3	1.3	1.2	1.1	1.1	1.1
EU25	1.1	1.0	1.0	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1
EA12	1.1	0.7	0.8	1.1	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1
EU10	1.4	2.1	1.9	1.7	1.7	1.6	1.6	1.2	1.1	1.1	1.1	1.1	1.1

Source: Commission services.

Table A 21 – Capital deepening (contribution to labour productivity growth)

Country	Avg 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	0.6	0.5	0.4	0.6	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6
BG	1.3	2.7	3.1	2.1	1.6	1.3	1.0	1.0	1.0	0.8	0.6	0.6	0.6
CZ	0.8	1.0	1.3	1.2	1.2	0.9	0.6	0.6	0.6	0.6	0.6	0.6	0.6
DK	0.6	0.9	0.8	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
DE	0.6	0.6	0.4	0.5	0.6	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6
EE	1.2	3.3	2.7	2.1	1.6	1.2	0.9	0.7	0.6	0.6	0.6	0.6	0.6
IE	0.6	0.8	0.5	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6
EL	0.8	1.2	1.3	1.1	1.1	0.9	0.6	0.6	0.6	0.6	0.6	0.6	0.6
ES	0.7	0.8	0.5	0.7	0.9	0.9	0.7	0.6	0.6	0.6	0.6	0.6	0.6
FR	0.6	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
IT	0.5	0.2	0.2	0.4	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
CY	0.7	1.0	0.6	0.8	1.0	0.9	0.7	0.6	0.6	0.6	0.6	0.6	0.6
LV	1.1	3.3	2.5	2.0	1.6	1.2	1.0	0.7	0.6	0.6	0.6	0.6	0.6
LT	1.1	2.6	2.4	1.9	1.6	1.3	1.0	0.7	0.6	0.6	0.6	0.6	0.6
LU	0.7	0.9	0.4	0.8	0.9	0.8	0.6	0.6	0.6	0.6	0.6	0.6	0.6
HU	0.9	1.8	1.2	1.1	1.1	1.0	0.9	0.8	0.7	0.7	0.6	0.6	0.6
MT	0.7	0.5	0.8	0.9	0.9	0.8	0.6	0.6	0.6	0.6	0.6	0.6	0.6
NL	0.6	0.6	0.6	0.6	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
AT	0.6	0.6	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
PL	1.0	1.3	2.2	1.8	1.4	1.1	0.9	0.7	0.6	0.6	0.6	0.6	0.6
PT	0.7	0.6	0.4	0.5	0.6	0.7	0.9	0.9	0.8	0.7	0.6	0.6	0.6
RO	1.2	2.9	2.9	2.1	1.6	1.3	1.0	1.0	1.0	0.7	0.6	0.6	0.6
SI	1.0	2.1	2.2	1.5	1.4	1.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6
SK	1.0	1.8	1.5	1.5	1.3	1.2	0.9	0.7	0.6	0.6	0.6	0.6	0.6
FI	0.6	0.5	0.8	0.8	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6
SE	0.6	0.3	0.5	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
UK	0.7	1.1	0.8	0.8	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6
NO	0.6	-0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
EU27	0.7	0.7	0.7	0.8	0.8	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6
EA16	0.6	0.6	0.5	0.6	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6
EU15	0.6	0.6	0.5	0.6	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6
EU12	1.0	1.7	2.0	1.7	1.4	1.1	0.9	0.7	0.7	0.6	0.6	0.6	0.6
EU25	0.7	0.7	0.7	0.7	0.8	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6
EA12	0.6	0.5	0.5	0.6	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6
EU10	1.0	1.4	1.8	1.6	1.3	1.1	0.9	0.7	0.6	0.6	0.6	0.6	0.6

Source: Commission services.

Table A 22 – GDP per capita (annual growth rate)

Country	Avg 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	1.5	1.8	1.9	1.8	1.5	1.2	1.3	1.4	1.6	1.6	1.6	1.6	1.6
BG	2.5	7.0	4.6	3.5	2.9	2.7	2.4	2.2	2.0	1.4	1.0	1.4	1.6
CZ	1.9	4.8	4.0	2.9	2.5	1.8	1.7	1.4	1.1	1.1	1.1	1.3	1.6
DK	1.6	1.9	1.4	1.4	1.4	1.5	1.2	1.5	1.6	1.9	1.9	1.7	1.5
DE	1.5	1.6	1.9	1.9	1.6	1.0	1.5	1.4	1.5	1.6	1.5	1.5	1.5
EE	2.4	8.0	5.2	3.4	2.8	2.6	2.6	1.7	1.4	1.1	1.0	1.2	1.7
IE	1.5	2.6	1.9	1.7	1.7	1.7	1.7	1.5	1.3	1.0	1.1	1.4	1.7
EL	1.8	3.4	2.6	2.5	2.8	1.8	1.3	1.1	1.1	1.1	1.4	1.6	1.8
ES	1.6	2.1	1.5	2.1	2.9	2.2	1.7	1.2	0.8	0.8	1.2	1.6	1.9
FR	1.5	1.5	1.4	1.5	1.5	1.4	1.4	1.5	1.6	1.6	1.7	1.7	1.7
IT	1.4	0.9	1.1	1.8	1.7	1.6	1.3	1.0	1.1	1.3	1.5	1.7	1.8
CY	1.7	2.0	2.1	2.2	2.4	2.0	1.8	1.7	1.6	1.3	1.2	1.2	1.4
LV	2.4	9.2	5.5	3.4	2.6	2.5	2.5	1.6	1.3	0.8	0.5	1.1	1.9
LT	2.3	8.6	5.5	3.9	2.8	2.2	2.0	1.4	1.4	1.1	0.9	0.9	1.2
LU	1.8	2.9	3.8	2.9	1.6	1.3	1.2	1.3	1.5	1.6	1.6	1.6	1.5
HU	2.0	4.0	3.4	2.9	2.6	2.4	2.4	1.8	1.4	1.3	1.1	1.3	1.5
MT	1.7	2.2	1.9	2.4	2.4	1.7	1.7	1.6	1.4	1.2	1.1	1.0	1.3
NL	1.5	2.0	1.6	1.5	1.3	1.1	1.1	1.4	1.6	1.8	1.7	1.6	1.5
AT	1.5	1.8	1.8	1.6	1.6	1.3	1.2	1.4	1.5	1.5	1.5	1.5	1.6
PL	2.1	6.7	4.2	3.1	2.6	2.7	2.4	1.5	1.1	0.9	0.9	0.9	1.3
PT	1.7	1.0	1.5	1.7	1.8	1.9	2.4	2.1	1.7	1.5	1.3	1.5	1.6
RO	2.5	7.5	5.4	4.1	3.2	2.5	2.1	2.2	1.6	1.2	0.9	1.3	1.2
SI	1.8	4.5	3.1	3.0	2.6	1.6	1.1	1.1	1.1	1.1	1.3	1.5	1.7
SK	2.3	6.5	6.1	4.1	3.4	2.4	2.3	1.2	1.0	0.8	0.8	1.0	1.3
FI	1.7	3.0	2.2	1.6	1.5	1.3	1.4	1.7	1.7	1.7	1.6	1.5	1.6
SE	1.6	2.8	2.0	1.6	1.4	1.4	1.4	1.6	1.7	1.6	1.5	1.4	1.5
UK	1.6	1.2	2.1	1.8	1.4	1.5	1.6	1.7	1.8	1.8	1.6	1.5	1.5
NO	1.5	5.1	1.3	1.3	1.3	1.2	1.2	1.3	1.5	1.6	1.6	1.5	1.5
EU27	1.7	2.2	2.1	2.0	1.9	1.6	1.6	1.5	1.4	1.5	1.5	1.6	1.7
EA16	1.5	1.7	1.7	1.9	1.8	1.5	1.5	1.3	1.3	1.4	1.5	1.6	1.7
EU15	1.6	1.6	1.7	1.8	1.7	1.5	1.5	1.4	1.4	1.5	1.5	1.6	1.7
EU12	2.2	6.1	4.4	3.3	2.8	2.5	2.2	1.6	1.3	1.1	0.9	1.2	1.4
EU25	1.6	2.0	2.0	2.0	1.8	1.6	1.6	1.4	1.4	1.5	1.5	1.6	1.7
EA12	1.5	1.6	1.6	1.8	1.8	1.5	1.5	1.3	1.3	1.4	1.5	1.6	1.7
EU10	2.1	5.7	4.2	3.2	2.7	2.4	2.2	1.5	1.2	1.0	0.9	1.1	1.4

Source: Commission services.

Table A 23 – GDP per worker (annual growth rate)

Country	Avg 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	1.7	1.2	1.3	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
BG	2.7	4.0	4.0	3.6	3.3	3.0	2.7	2.7	2.7	2.2	1.7	1.7	1.7
CZ	2.2	4.0	3.8	3.0	2.9	2.2	1.7	1.7	1.7	1.7	1.7	1.7	1.7
DK	1.7	1.7	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
DE	1.7	1.2	1.4	1.6	1.7	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7
EE	2.7	6.2	4.9	4.0	3.3	3.0	2.7	1.9	1.7	1.7	1.7	1.7	1.7
IE	1.7	1.8	1.6	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
EL	2.0	2.7	2.3	2.4	2.9	2.2	1.8	1.7	1.7	1.7	1.7	1.7	1.7
ES	1.8	0.4	0.7	1.8	2.6	2.3	1.9	1.8	1.8	1.7	1.7	1.7	1.7
FR	1.7	1.1	1.5	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
IT	1.5	0.2	0.6	1.5	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
CY	1.9	1.4	1.3	2.1	2.7	2.3	2.0	1.8	1.8	1.7	1.7	1.7	1.7
LV	2.7	6.3	5.1	4.0	3.4	3.0	2.7	1.9	1.7	1.7	1.8	1.7	1.7
LT	2.7	6.1	4.6	3.7	3.4	3.0	2.7	1.9	1.7	1.7	1.7	1.7	1.7
LU	1.7	1.4	1.3	1.9	2.0	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7
HU	2.3	3.0	2.4	2.6	2.6	2.6	2.7	2.3	2.1	1.9	1.7	1.7	1.7
MT	1.9	0.9	1.9	2.5	2.7	2.1	1.8	1.7	1.7	1.7	1.7	1.7	1.7
NL	1.7	1.3	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
AT	1.7	1.5	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
PL	2.4	3.0	3.7	3.4	3.1	2.8	2.7	1.8	1.7	1.7	1.7	1.8	1.7
PT	1.9	1.0	1.1	1.4	1.7	2.0	2.7	2.5	2.2	2.0	1.7	1.7	1.7
RO	2.9	6.2	5.1	4.0	3.4	3.0	2.7	2.7	2.8	2.0	1.7	1.7	1.7
SI	2.2	3.6	3.7	3.1	3.1	2.3	1.8	1.7	1.7	1.7	1.7	1.7	1.7
SK	2.6	5.7	4.6	3.5	3.0	3.0	2.7	1.9	1.7	1.7	1.7	1.7	1.7
FI	1.8	2.2	2.6	2.0	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7
SE	1.7	1.8	1.7	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
UK	1.8	2.0	2.1	1.9	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
NO	1.7	2.2	1.4	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
EU27	1.8	1.5	1.8	2.0	2.1	2.0	1.9	1.8	1.8	1.8	1.8	1.8	1.7
EA16	1.7	1.1	1.3	1.7	1.9	1.9	1.8	1.8	1.7	1.7	1.7	1.7	1.7
EU15	1.7	1.2	1.4	1.7	1.9	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7
EU12	2.5	4.1	3.9	3.4	3.1	2.8	2.6	2.0	2.0	1.8	1.8	1.7	1.7
EU25	1.8	1.4	1.7	1.9	2.0	1.9	1.8	1.8	1.7	1.7	1.7	1.7	1.7
EA12	1.7	1.0	1.3	1.7	1.9	1.9	1.8	1.8	1.7	1.7	1.7	1.7	1.7
EU10	2.4	3.6	3.7	3.3	3.1	2.7	2.5	1.9	1.8	1.8	1.7	1.8	1.7

Source: Commission services.

Table A 24 – GDP in 2007 prices (millions EUR)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	532.6	330.8	354.3	400.0	443.1	481.5	521.6	566.7	617.6	672.9	731.4	793.7	863.4
BG	45.0	28.9	33.9	40.1	45.6	50.6	55.5	60.1	64.5	67.6	69.3	71.1	73.9
CZ	187.2	128.1	147.9	174.5	199.5	219.2	236.2	252.3	264.2	276.3	286.9	299.1	315.3
DK	338.1	227.7	241.2	262.1	283.9	309.8	334.4	363.8	394.7	433.7	476.5	521.2	565.7
DE	2172.9	2423.8	2550.1	2808.1	3047.6	3209.7	3369.8	3539.4	3720.8	3940.8	4161.6	4374.7	4596.7
EE	28.1	15.5	18.7	22.5	25.8	29.0	32.4	35.1	37.1	38.8	40.0	41.4	43.6
IE	454.3	185.6	208.4	249.0	289.6	331.0	373.5	416.6	458.0	496.7	536.4	582.5	640.0
EL	336.0	228.9	253.6	291.2	331.1	368.2	396.8	421.5	444.2	467.6	494.7	527.2	565.0
ES	1760.4	1049.8	1143.3	1323.8	1546.8	1774.3	1969.4	2126.3	2242.3	2337.3	2453.6	2610.5	2810.3
FR	3052.6	1892.2	1999.7	2212.8	2437.9	2663.0	2900.1	3165.0	3463.3	3781.2	4129.6	4516.2	4944.9
IT	1723.1	1535.5	1598.8	1751.6	1925.5	2102.5	2264.6	2399.5	2525.0	2671.7	2846.9	3042.9	3258.6
CY	49.4	15.6	17.4	20.9	25.2	29.9	34.6	39.5	44.6	49.7	54.5	59.5	65.0
LV	26.8	19.9	24.1	28.8	32.5	35.8	39.3	41.8	43.6	44.5	44.3	44.6	46.7
LT	38.4	28.0	33.5	41.0	47.4	52.4	56.7	59.5	61.9	63.8	64.7	65.3	66.4
LU	105.7	36.1	41.3	51.4	60.0	67.7	75.3	83.7	93.2	104.0	115.8	128.5	141.9
HU	147.3	101.1	110.6	127.8	145.0	161.2	178.4	194.5	206.6	217.1	226.7	236.5	248.4
MT	7.5	5.4	5.8	6.6	7.6	8.5	9.3	10.0	10.7	11.3	11.8	12.3	12.9
NL	675.7	559.5	594.3	649.2	702.9	752.3	800.9	854.8	920.8	994.0	1072.9	1153.3	1235.2
AT	378.2	272.7	291.0	322.7	354.9	386.1	415.5	449.1	485.6	523.1	563.4	605.1	650.9
PL	420.3	307.3	359.8	427.0	488.0	551.9	613.9	655.5	678.7	693.1	702.6	712.1	727.6
PT	260.3	162.8	171.1	189.1	209.3	231.6	258.3	290.4	319.7	346.8	370.8	395.1	423.0
RO	214.5	121.3	144.8	178.6	209.5	235.9	257.5	280.4	303.2	315.1	321.2	328.6	335.8
SI	41.6	33.5	37.9	44.5	51.0	55.8	58.8	61.2	63.4	65.7	68.3	71.3	75.1
SK	91.3	54.8	65.6	83.2	99.8	112.7	125.1	132.8	136.7	139.5	140.9	142.7	146.1
FI	255.1	178.8	195.6	217.5	238.1	256.9	276.0	298.1	322.8	349.2	375.8	403.4	433.8
SE	567.8	332.0	357.9	403.3	445.4	489.1	534.9	584.2	639.4	701.8	765.9	830.3	899.7
UK	4009.3	2018.8	2172.3	2461.5	2738.2	3030.0	3351.7	3710.6	4121.4	4584.2	5056.1	5526.5	6028.1
NO	363.4	214.1	228.8	253.9	280.4	308.0	336.4	366.4	400.6	440.1	483.8	529.4	577.5
EU27	17229.9	12294.8	13233.2	14891.5	16561.9	18150.7	19692.0	21194.2	22678.1	24223.2	25837.0	27575.0	29524.6
EA16	11773.2	9020.8	9608.0	10735.9	11921.2	13009.8	14039.8	15029.5	16003.0	17033.0	18154.7	19395.6	20794.0
EU15	16401.1	11435.1	12174.4	13602.6	15085.5	16503.6	17895.1	19299.1	20750.4	22325.1	24015.0	25829.2	27836.2
EU12	1274.2	859.6	1002.3	1196.6	1375.3	1539.5	1691.6	1814.2	1904.6	1968.8	2014.4	2065.1	2133.9
EU25	17151.3	12144.5	13042.1	14655.0	16291.6	17855.9	19384.9	20872.0	22343.7	23904.1	25548.5	27314.8	29295.8
EA12	11658.4	8856.7	9404.7	10479.9	11622.5	12685.5	13696.0	14680.0	15658.7	16699.9	17840.2	19100.2	20515.1
EU10	1025.4	709.4	823.4	978.5	1121.6	1255.9	1384.0	1480.5	1544.4	1594.7	1633.3	1675.1	1734.8

Source: Commission services.

Table A 25 – Working-age population (15-64) (thousands people)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	135	6977	7116	7193	7218	7203	7147	7122	7126	7148	7144	7133	7112
BG	-2370	5323	5225	4943	4701	4511	4332	4132	3878	3593	3341	3108	2953
CZ	-2154	7325	7328	7086	6863	6780	6695	6559	6260	5857	5584	5355	5171
DK	-123	3598	3612	3584	3575	3558	3502	3440	3421	3441	3493	3506	3475
DE	-15682	54574	54204	53981	52639	50640	47873	45346	44160	43228	41857	40238	38892
EE	-287	913	906	875	843	820	801	785	758	726	686	645	626
IE	947	2959	3137	3366	3548	3701	3826	3913	3936	3896	3838	3848	3905
EL	-1340	7501	7554	7513	7453	7382	7273	7060	6809	6550	6335	6234	6161
ES	-2188	30609	31877	33071	33892	34226	33964	33110	31774	30203	29120	28617	28421
FR	1070	40132	40584	40498	40426	40464	40415	40369	40268	40575	40737	40904	41202
IT	-6288	39036	39398	39281	39273	39031	38118	36741	35337	34316	33727	33263	32749
CY	234	543	577	615	644	672	701	732	758	772	772	773	777
LV	-675	1573	1550	1486	1423	1361	1304	1257	1194	1126	1042	954	897
LT	-972	2319	2310	2264	2178	2073	1966	1880	1792	1704	1589	1456	1347
LU	119	322	335	354	368	379	386	392	401	413	424	434	441
HU	-2103	6931	6873	6718	6468	6297	6221	6065	5822	5476	5232	5019	4829
MT	-61	283	288	284	278	271	267	266	261	253	242	232	222
NL	-1444	11031	11085	10972	10901	10685	10366	10069	9907	9907	9879	9768	9587
AT	-429	5601	5674	5756	5786	5729	5591	5451	5396	5386	5322	5254	5172
PL	-10652	26987	27220	26660	25436	24282	23624	23063	22087	20630	18900	17437	16335
PT	-785	7133	7174	7231	7273	7262	7185	7072	6890	6675	6512	6424	6347
RO	-5979	15043	14927	14649	14145	13656	13392	12726	12001	11146	10394	9547	9064
SI	-453	1410	1414	1398	1346	1299	1253	1203	1153	1088	1028	982	956
SK	-1485	3883	3922	3881	3746	3619	3512	3408	3241	3003	2771	2564	2398
FI	-458	3507	3542	3444	3354	3292	3239	3207	3211	3181	3133	3095	3049
SE	211	5982	6078	6053	6085	6148	6180	6190	6230	6282	6294	6253	6193
UK	4602	40409	41076	41508	42025	42603	42811	43080	43778	44717	45047	44974	45011
NO	404	3090	3184	3254	3309	3347	3371	3372	3386	3432	3472	3493	3494
EU27	-48613	331906	334987	334662	331887	327944	321944	314640	307848	301292	294442	288019	283293
EA16	-28111	215502	217883	218837	218145	215855	211115	205462	200628	196594	192839	189764	187391
EU15	-21655	259372	262448	263805	263815	262302	257876	252563	248644	245918	242860	239946	237717
EU12	-26959	72534	72539	70857	68072	65642	64068	62076	59204	55373	51583	48073	45576
EU25	-40264	311540	314836	315071	313041	309777	304220	297781	291969	286553	280708	275364	271276
EA12	-26345	209382	211682	212660	212131	209994	205382	199853	195216	191478	188026	185212	183037
EU10	-18609	52169	52388	51266	49226	47475	46344	45218	43325	40635	37848	35418	33559

Source: Commission services.

Table A 26 - Working-age population (15-64) (annual growth rate)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	-1.0	1.0	0.5	0.1	0.0	-0.1	-0.2	0.0	0.1	0.0	0.0	-0.1	0.0
BG	-0.4	-0.4	-0.7	-1.1	-0.9	-0.8	-0.8	-1.2	-1.5	-1.5	-1.4	-1.4	-0.8
CZ	-0.9	0.4	-0.3	-0.7	-0.5	-0.1	-0.5	-0.5	-1.3	-1.3	-0.9	-0.8	-0.5
DK	-0.5	0.3	0.0	0.0	0.0	-0.1	-0.4	-0.1	0.0	0.2	0.3	-0.1	-0.3
DE	0.1	-0.6	-0.2	-0.4	-0.6	-0.9	-1.2	-0.9	-0.3	-0.5	-0.6	-0.8	-0.5
EE	0.2	-0.4	-0.3	-0.9	-0.7	-0.6	-0.4	-0.6	-0.7	-0.9	-1.2	-1.2	-0.2
IE	-2.4	2.8	1.8	1.2	1.0	0.8	0.6	0.3	0.0	-0.4	-0.2	0.2	0.4
EL	-0.6	0.4	0.1	0.0	-0.2	-0.2	-0.4	-0.6	-0.8	-0.7	-0.5	-0.2	-0.2
ES	-1.7	1.7	1.1	0.6	0.4	0.1	-0.3	-0.6	-0.9	-1.0	-0.5	-0.2	-0.1
FR	-0.5	0.7	0.3	-0.1	0.0	0.0	-0.1	0.0	0.0	0.1	0.1	0.1	0.2
IT	-0.7	0.4	0.2	-0.1	0.0	-0.2	-0.7	-0.8	-0.8	-0.4	-0.3	-0.3	-0.3
CY	-1.8	1.9	1.7	1.0	0.9	0.8	0.9	0.9	0.6	0.2	-0.1	0.1	0.1
LV	-0.3	-0.5	-0.5	-1.0	-0.9	-0.9	-0.7	-0.8	-1.1	-1.2	-1.7	-1.7	-0.7
LT	-1.0	-0.1	-0.1	-0.6	-0.8	-1.1	-1.0	-0.9	-0.9	-1.1	-1.6	-1.7	-1.1
LU	-1.5	1.7	1.3	1.0	0.7	0.5	0.2	0.4	0.6	0.6	0.5	0.4	0.3
HU	-0.7	0.0	-0.4	-0.7	-1.0	-0.3	-0.3	-0.7	-1.2	-1.1	-0.8	-0.8	-0.7
MT	-2.0	1.3	-0.2	-0.4	-0.4	-0.5	-0.2	-0.1	-0.5	-0.8	-0.9	-1.0	-0.7
NL	-0.5	0.1	0.1	-0.1	-0.2	-0.5	-0.7	-0.6	-0.1	0.0	-0.1	-0.3	-0.4
AT	-0.5	0.2	0.4	0.1	0.1	-0.3	-0.6	-0.5	-0.1	-0.1	-0.2	-0.3	-0.3
PL	-1.5	0.4	0.2	-0.7	-1.0	-0.8	-0.5	-0.6	-1.1	-1.5	-1.9	-1.5	-1.1
PT	-0.4	0.2	0.2	0.2	0.1	-0.1	-0.3	-0.4	-0.6	-0.6	-0.4	-0.3	-0.2
RO	-0.8	-0.1	-0.2	-0.7	-0.8	-0.5	-0.3	-1.3	-1.4	-1.5	-1.4	-1.7	-0.9
SI	-0.6	0.2	-0.1	-0.5	-0.8	-0.7	-0.7	-0.7	-0.9	-1.2	-1.0	-0.7	-0.4
SK	-1.7	0.5	0.1	-0.4	-0.7	-0.6	-0.7	-0.7	-1.3	-1.6	-1.6	-1.4	-1.1
FI	-0.3	0.0	0.1	-0.6	-0.5	-0.3	-0.3	-0.1	-0.1	-0.2	-0.3	-0.3	-0.3
SE	-1.1	1.0	0.3	-0.1	0.2	0.2	-0.1	0.2	0.1	0.1	0.0	-0.2	0.0
UK	-1.0	1.1	0.5	0.2	0.3	0.2	0.0	0.2	0.4	0.3	0.0	0.0	0.1
NO	-1.2	1.3	0.6	0.4	0.3	0.2	0.1	0.0	0.1	0.3	0.2	0.0	0.0
EU27	-0.7	0.4	0.2	-0.1	-0.2	-0.3	-0.4	-0.5	-0.4	-0.5	-0.4	-0.4	-0.2
EA16	-0.6	0.4	0.3	0.0	-0.1	-0.3	-0.6	-0.5	-0.4	-0.4	-0.3	-0.3	-0.2
EU15	-0.6	0.5	0.3	0.0	0.0	-0.2	-0.4	-0.4	-0.3	-0.2	-0.2	-0.2	-0.1
EU12	-1.0	0.2	-0.1	-0.7	-0.8	-0.6	-0.5	-0.8	-1.2	-1.4	-1.5	-1.3	-0.9
EU25	-0.7	0.5	0.3	-0.1	-0.2	-0.3	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.2
EA12	-0.6	0.4	0.3	0.0	-0.1	-0.3	-0.6	-0.5	-0.4	-0.4	-0.3	-0.3	-0.2
EU10	-1.2	0.3	0.0	-0.7	-0.9	-0.6	-0.5	-0.6	-1.1	-1.4	-1.5	-1.2	-0.9

Source: Commission services.

Table A 27 – Labour force 15-64 (thousands people)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	262	4698	4836	4998	5036	4997	4960	4955	4970	4984	4977	4962	4960
BG	-1511	3557	3544	3457	3304	3141	2989	2825	2638	2445	2267	2132	2045
CZ	-1322	5126	5205	5206	5075	4943	4855	4764	4525	4293	4104	3922	3803
DK	-80	2888	2883	2859	2845	2832	2786	2766	2757	2791	2828	2832	2808
DE	-10550	41590	41923	42477	41630	39912	37963	36322	35404	34530	33371	32087	31040
EE	-199	666	674	659	636	612	595	580	562	538	506	478	467
IE	836	2144	2319	2531	2684	2801	2897	2968	2989	2961	2928	2937	2980
EL	-797	5036	5149	5208	5175	5081	4964	4820	4657	4498	4376	4300	4240
ES	65	21913	23360	24856	25645	25927	25932	25486	24524	23390	22598	22164	21978
FR	1279	28224	28389	28578	28615	28624	28648	28697	28870	29030	29129	29287	29503
IT	-2281	24435	25084	25821	26076	26112	25688	24836	23932	23319	22912	22520	22154
CY	210	396	430	474	506	528	549	573	591	601	602	603	606
LV	-481	1147	1150	1131	1071	1007	964	922	880	825	751	690	666
LT	-661	1580	1594	1598	1547	1453	1359	1284	1224	1160	1074	984	918
LU	81	214	225	237	246	253	258	263	270	277	284	290	295
HU	-1141	4279	4361	4395	4308	4207	4099	3945	3744	3549	3395	3253	3138
MT	-26	169	171	174	175	174	174	172	168	163	156	149	143
NL	-986	8678	8734	8716	8662	8490	8262	8084	8021	8001	7942	7831	7691
AT	-178	4192	4273	4364	4393	4338	4271	4223	4205	4178	4125	4066	4014
PL	-6256	17085	17424	17355	16823	16412	15961	15288	14434	13422	12384	11507	10828
PT	-439	5283	5391	5503	5538	5539	5488	5407	5265	5107	4986	4910	4844
RO	-3924	9478	9539	9485	9172	8766	8351	7818	7299	6761	6288	5849	5554
SI	-318	1006	1015	1013	988	942	898	857	816	773	736	707	688
SK	-965	2673	2758	2788	2731	2656	2558	2441	2286	2113	1951	1812	1708
FI	-247	2660	2668	2652	2628	2583	2545	2532	2531	2510	2479	2444	2412
SE	372	4737	4853	4957	5001	5040	5059	5069	5109	5170	5187	5143	5109
UK	4873	30536	31090	31931	32427	32822	33159	33612	34362	35129	35386	35335	35409
NO	289	2436	2494	2548	2591	2616	2626	2623	2641	2679	2709	2720	2724
EU27	-24386	234388	239044	243419	242937	240193	236229	231508	227033	222518	217723	213195	210003
EA16	-14055	153311	156725	160387	160727	158957	156055	152635	149500	146434	143552	141071	139256
EU15	-7790	187228	191178	195686	196601	195350	192879	190040	187867	185875	183509	181109	179438
EU12	-16595	47160	47866	47734	46336	44843	43350	41468	39166	36643	34214	32086	30565
EU25	-18950	221353	225961	230478	230460	228286	224890	220864	217097	213312	209168	205215	202403
EA12	-12956	149067	152351	155939	156328	154656	151875	148592	145638	142784	140108	137799	136112
EU10	-11160	34125	34782	34792	33860	32936	32011	30825	29230	27437	25659	24106	22965

Source: Commission services.

Table A 28 – Participation rate (15-64) (percent)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	2.4	67.3	68.0	69.5	69.8	69.4	69.4	69.6	69.7	69.7	69.7	69.6	69.7
BG	2.4	66.8	67.8	69.9	70.3	69.6	69.0	68.4	68.0	68.0	67.9	68.6	69.3
CZ	3.6	70.0	71.0	73.5	73.9	72.9	72.5	72.6	72.3	73.3	73.5	73.2	73.5
DK	0.6	80.3	79.8	79.8	79.6	79.6	79.6	80.4	80.6	81.1	81.0	80.8	80.8
DE	3.6	76.2	77.3	78.7	79.1	78.8	79.3	80.1	80.2	79.9	79.7	79.7	79.8
EE	1.6	72.9	74.4	75.4	75.4	74.6	74.3	73.9	74.1	74.0	73.7	74.1	74.5
IE	3.9	72.5	73.9	75.2	75.7	75.7	75.7	75.9	76.0	76.0	76.3	76.3	76.3
EL	1.7	67.1	68.2	69.3	69.4	68.8	68.3	68.3	68.4	68.7	69.1	69.0	68.8
ES	5.7	71.6	73.3	75.2	75.7	75.8	76.4	77.0	77.2	77.4	77.6	77.4	77.3
FR	1.3	70.3	70.0	70.6	70.8	70.7	70.9	71.1	71.7	71.5	71.5	71.6	71.6
IT	5.1	62.6	63.7	65.7	66.4	66.9	67.4	67.6	67.7	68.0	67.9	67.7	67.7
CY	5.1	72.9	74.6	76.9	78.5	78.6	78.4	78.2	78.0	77.8	78.0	78.0	78.0
LV	1.3	72.9	74.2	76.1	75.3	74.0	73.9	73.4	73.7	73.3	72.0	72.3	74.2
LT	0.1	68.1	69.0	70.6	71.0	70.1	69.1	68.3	68.3	68.1	67.6	67.6	68.2
LU	0.4	66.4	67.0	67.1	66.9	66.8	66.9	67.3	67.3	67.1	67.1	66.8	66.8
HU	3.2	61.7	63.4	65.4	66.6	66.8	65.9	65.0	64.3	64.8	64.9	64.8	65.0
MT	4.9	59.5	59.4	61.2	63.0	64.1	65.1	64.8	64.4	64.4	64.4	64.3	64.4
NL	1.6	78.7	78.8	79.4	79.5	79.5	79.7	80.3	81.0	80.8	80.4	80.2	80.2
AT	2.8	74.8	75.3	75.8	75.9	75.7	76.4	77.5	77.9	77.6	77.5	77.4	77.6
PL	3.0	63.3	64.0	65.1	66.1	67.6	67.6	66.3	65.4	65.1	65.5	66.0	66.3
PT	2.2	74.1	75.2	76.1	76.1	76.3	76.4	76.5	76.4	76.5	76.6	76.4	76.3
RO	-1.7	63.0	63.9	64.7	64.8	64.2	62.4	61.4	60.8	60.7	60.5	61.3	61.3
SI	0.6	71.4	71.8	72.5	73.4	72.6	71.7	71.2	70.8	71.0	71.6	72.0	71.9
SK	2.4	68.8	70.3	71.8	72.9	73.4	72.8	71.6	70.5	70.4	70.4	70.7	71.2
FI	3.3	75.8	75.3	77.0	78.4	78.5	78.6	78.9	78.8	78.9	79.1	79.0	79.1
SE	3.3	79.2	79.9	81.9	82.2	82.0	81.9	81.9	82.0	82.3	82.4	82.2	82.5
UK	3.1	75.6	75.7	76.9	77.2	77.0	77.5	78.0	78.5	78.6	78.6	78.6	78.7
NO	-0.9	78.8	78.3	78.3	78.3	78.2	77.9	77.8	78.0	78.0	78.0	77.9	78.0
EU27	3.5	70.6	71.4	72.7	73.2	73.2	73.4	73.6	73.7	73.9	73.9	74.0	74.1
EA16	3.6	70.8	71.7	73.3	73.8	73.9	74.3	74.7	74.8	74.8	74.7	74.6	74.4
EU15	3.7	71.8	72.6	74.2	74.6	74.7	75.1	75.5	75.7	75.8	75.7	75.7	75.6
EU12	2.6	65.0	66.1	67.9	68.6	68.7	68.0	67.3	67.0	67.1	67.3	67.6	67.6
EU25	4.0	70.7	71.6	73.2	73.8	73.9	74.2	74.5	74.6	74.8	74.8	74.8	74.8
EA12	3.6	70.9	71.7	73.3	73.8	73.9	74.4	74.7	74.9	74.9	74.7	74.6	74.5
EU10	3.7	65.2	66.4	68.4	69.4	69.8	69.4	68.6	68.3	68.5	68.8	68.9	69.0

Source: Commission services.

Table A 29 - Participation rate (15-24) (percent)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	1.2	34.4	35.3	36.7	35.9	35.2	35.7	35.5	35.7	35.9	35.8	35.6	35.6
BG	-0.3	32.0	34.1	34.9	30.6	30.3	31.7	32.7	33.0	32.5	31.6	31.4	31.7
CZ	-0.1	32.0	33.1	35.8	31.6	30.1	32.5	33.0	33.3	33.3	32.3	31.6	31.9
DK	1.7	70.8	71.7	72.5	72.6	72.5	72.7	72.3	72.1	72.2	72.4	72.5	72.5
DE	0.8	51.5	53.3	52.7	52.9	52.8	52.1	51.9	52.2	52.5	52.5	52.5	52.2
EE	1.5	38.5	44.5	45.0	39.5	38.1	40.1	41.1	42.3	42.2	40.8	39.8	40.0
IE	-1.5	55.4	56.1	54.5	53.4	53.1	53.5	54.5	55.3	55.0	54.3	53.9	53.9
EL	-0.1	32.8	33.5	33.7	32.7	31.8	33.0	33.7	33.6	33.2	32.8	32.5	32.7
ES	-1.6	48.2	48.4	47.6	45.7	45.6	46.9	48.0	48.0	47.4	46.8	46.4	46.6
FR	0.8	39.4	40.7	40.5	39.7	39.9	40.2	40.4	40.4	40.3	40.1	40.0	40.2
IT	1.1	31.2	32.0	32.7	31.9	31.9	32.7	33.0	32.7	32.3	32.1	32.1	32.3
CY	-0.8	44.2	44.8	46.3	46.0	43.0	42.7	43.7	44.4	44.8	44.6	43.8	43.4
LV	0.7	43.4	48.3	50.9	43.4	42.4	43.9	45.2	46.5	46.5	45.2	44.0	44.1
LT	0.8	28.3	30.8	33.4	31.8	29.0	28.2	29.0	30.3	31.2	30.8	29.6	29.1
LU	2.1	27.4	28.5	29.0	29.6	29.8	29.3	29.3	29.2	29.2	29.4	29.5	29.5
HU	0.1	26.1	26.8	28.3	27.0	25.7	26.2	26.9	27.0	27.0	26.7	26.2	26.2
MT	0.6	55.4	56.4	58.0	58.2	56.1	55.7	55.9	56.5	57.0	57.0	56.4	56.0
NL	1.1	72.7	73.3	73.6	73.5	74.1	73.8	73.5	73.3	73.5	73.6	73.8	73.8
AT	1.7	61.5	62.8	64.1	63.7	63.4	63.2	63.2	63.3	63.4	63.5	63.4	63.3
PL	-1.0	33.9	35.2	36.0	34.9	32.3	32.5	33.6	34.6	34.9	34.2	33.2	32.9
PT	-0.8	42.3	42.2	41.7	40.8	41.7	41.7	42.2	42.1	41.7	41.4	41.4	41.6
RO	0.6	30.6	33.8	32.4	31.3	30.9	31.2	31.8	32.1	32.0	31.5	31.2	31.3
SI	-0.8	40.9	42.6	41.9	40.8	39.2	40.1	41.0	41.4	41.3	40.6	40.0	40.1
SK	-0.4	34.8	36.2	37.7	35.9	33.8	34.3	35.2	35.9	36.1	35.4	34.6	34.5
FI	1.1	54.4	55.1	56.8	56.0	55.1	55.3	55.5	55.7	56.0	56.0	55.7	55.5
SE	4.7	51.8	55.8	60.1	56.3	55.7	56.6	56.3	56.7	57.5	57.4	56.7	56.5
UK	0.4	62.0	63.2	63.8	63.1	62.1	62.4	62.3	62.6	62.9	62.8	62.5	62.4
NO	1.6	58.8	60.0	60.8	61.0	60.3	60.5	60.2	60.2	60.5	60.7	60.6	60.5
EU27	2.0	44.6	46.2	46.9	46.0	45.4	45.7	46.3	46.8	47.1	46.9	46.6	46.6
EA16	-0.4	45.1	46.2	46.1	44.9	44.6	44.9	45.4	45.6	45.5	45.1	44.8	44.8
EU15	0.4	48.7	50.0	50.3	48.8	48.3	48.8	49.3	49.7	49.8	49.5	49.1	49.1
EU12	-0.9	33.4	35.8	36.4	33.6	31.5	32.3	33.5	34.4	34.5	33.5	32.5	32.5
EU25	1.3	45.9	47.6	48.3	46.8	46.0	46.5	47.2	47.7	48.0	47.7	47.3	47.2
EA12	-0.4	45.4	46.4	46.2	45.0	44.8	45.1	45.6	45.7	45.6	45.2	44.9	44.9
EU10	-1.2	34.0	36.0	37.3	34.5	31.8	32.6	33.9	34.9	35.1	34.1	33.0	32.8

Source: Commission services.

Table A 30 - Participation rate (25-54) (percent)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	1.4	85.3	85.9	86.5	86.6	86.7	86.6	86.6	86.7	86.7	86.7	86.8	86.7
BG	2.1	84.0	84.5	85.1	85.7	86.1	86.0	85.8	85.7	85.9	86.2	86.2	86.1
CZ	-0.9	87.7	87.7	87.6	87.4	87.4	87.3	86.8	86.5	86.5	86.7	86.9	86.9
DK	-1.7	89.0	88.6	88.1	87.5	87.3	87.2	87.3	87.3	87.2	87.2	87.2	87.3
DE	1.6	87.9	88.5	88.9	89.2	89.4	89.6	89.6	89.6	89.5	89.4	89.4	89.5
EE	-0.7	88.4	87.6	87.5	87.6	87.8	87.8	87.6	87.3	87.4	87.8	87.9	87.8
IE	3.7	82.0	83.1	84.0	84.6	85.1	85.3	85.5	85.7	85.7	85.7	85.7	85.7
EL	2.8	82.1	82.9	84.1	84.7	85.0	85.0	84.8	84.9	85.0	85.1	85.0	84.9
ES	4.5	82.9	84.1	85.5	86.2	86.9	87.1	87.2	87.4	87.4	87.5	87.4	87.4
FR	0.6	88.3	88.6	88.6	88.8	88.9	88.9	88.9	88.9	88.9	89.0	88.9	88.9
IT	1.2	77.6	77.9	78.4	78.8	79.1	78.9	78.7	78.8	78.9	78.9	78.9	78.8
CY	5.0	86.7	88.4	90.1	91.1	91.6	91.7	91.7	91.7	91.7	91.7	91.8	91.8
LV	0.2	87.1	86.9	86.9	87.1	87.3	87.1	87.0	87.1	87.3	87.5	87.4	87.3
LT	-2.3	86.0	85.2	84.4	84.0	84.0	83.8	83.4	83.1	83.3	83.7	83.8	83.7
LU	1.9	84.2	85.0	85.9	86.1	86.2	86.2	86.0	86.1	86.0	86.0	86.0	86.1
HU	1.0	80.0	80.7	81.5	81.5	81.5	81.3	81.0	80.9	80.9	81.1	81.1	81.1
MT	1.9	69.9	71.1	71.9	72.4	72.1	71.7	71.5	71.6	71.7	71.9	71.9	71.8
NL	2.5	87.7	88.3	89.0	89.6	90.0	90.1	90.1	90.2	90.2	90.1	90.1	90.2
AT	1.9	87.4	87.6	87.7	88.2	88.6	89.0	89.2	89.2	89.2	89.2	89.3	89.3
PL	0.3	81.8	82.5	83.0	83.0	82.7	82.0	81.4	81.4	81.7	82.2	82.4	82.1
PT	1.2	87.8	88.4	88.9	89.1	89.2	89.0	89.0	89.1	89.1	89.1	89.0	89.0
RO	-3.9	78.9	78.6	78.1	77.1	76.0	75.3	74.9	74.7	75.0	75.2	75.2	75.1
SI	-0.6	89.3	89.2	89.2	89.1	89.1	88.5	88.2	88.4	88.7	89.0	89.0	88.7
SK	-0.1	87.5	87.4	87.6	87.9	87.9	87.8	87.4	87.1	87.1	87.3	87.5	87.5
FI	2.1	88.1	88.1	88.8	89.2	89.5	89.8	89.9	90.1	90.0	90.1	90.1	90.1
SE	2.2	90.0	90.3	90.7	91.3	91.7	91.9	92.0	92.1	92.1	92.2	92.2	92.2
UK	1.3	84.5	84.6	84.9	85.1	85.4	85.7	85.8	85.8	85.8	85.8	85.9	85.9
NO	0.0	87.4	87.3	87.4	87.3	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.5
EU27	1.6	84.5	84.9	85.3	85.5	85.7	85.7	85.7	85.8	85.9	86.0	86.0	86.0
EA16	2.5	84.6	85.4	86.2	87.1	87.3	87.1	87.2	87.1	87.2	87.0	87.1	87.1
EU15	2.3	84.6	85.3	86.0	86.9	87.1	86.9	87.0	86.9	87.0	86.9	86.9	86.9
EU12	0.3	82.7	83.0	83.0	83.2	83.4	83.4	82.9	82.9	83.0	82.9	83.0	82.9
EU25	2.2	84.4	85.1	85.8	86.5	86.7	86.6	86.6	86.6	86.7	86.6	86.6	86.6
EA12	2.5	84.5	85.4	86.2	87.1	87.2	87.1	87.1	87.0	87.1	87.0	87.1	87.1
EU10	1.0	83.4	84.0	84.3	84.6	84.8	84.9	84.4	84.4	84.5	84.5	84.5	84.4

Source: Commission services.

Table A 31 - Participation rate (55-64) (percent)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	13.0	36.2	39.3	46.0	48.9	48.9	48.8	48.8	49.5	49.4	49.4	48.7	49.1
BG	3.6	46.6	46.4	47.4	48.2	48.8	49.8	49.7	49.0	49.4	47.6	47.2	50.2
CZ	18.6	48.9	53.0	56.8	58.1	58.5	60.8	64.9	63.4	66.0	66.8	65.6	67.5
DK	8.1	61.3	60.3	61.1	62.6	64.4	64.0	66.8	66.6	69.7	70.3	69.6	69.3
DE	16.5	57.3	60.3	67.6	69.9	69.6	70.5	73.3	74.7	74.4	73.9	73.7	73.9
EE	1.7	62.4	63.3	60.6	62.8	63.7	64.6	63.8	64.5	64.4	61.9	61.0	64.1
IE	14.0	55.1	57.1	62.3	65.6	66.6	68.1	69.0	68.6	67.7	68.3	68.6	69.1
EL	7.5	44.3	44.8	47.1	48.7	50.4	50.9	51.8	51.5	50.7	51.3	51.3	51.7
ES	26.4	47.5	51.3	58.4	63.5	66.8	70.9	73.1	72.7	72.5	73.1	73.3	74.0
FR	8.3	41.0	39.3	42.9	46.1	47.7	48.8	47.6	49.4	48.9	48.4	48.7	49.3
IT	28.4	34.7	39.2	48.7	54.0	58.8	62.3	62.6	61.9	62.4	62.8	62.6	63.1
CY	7.4	57.6	58.9	61.1	62.7	63.1	64.6	65.9	66.6	65.4	65.4	65.0	65.1
LV	-2.3	60.4	59.3	60.0	58.5	56.2	58.6	57.1	58.8	59.1	54.4	50.6	58.1
LT	-1.4	55.5	58.5	59.9	59.4	56.3	56.0	55.3	56.9	56.9	54.8	53.1	54.1
LU	8.4	33.0	36.4	39.0	40.6	40.9	40.4	41.7	41.9	41.6	42.3	41.8	41.3
HU	15.2	34.1	42.1	46.4	47.2	50.4	50.8	51.5	48.8	49.3	49.4	48.5	49.3
MT	18.7	31.6	27.7	32.0	38.1	43.4	50.6	52.2	51.6	51.2	51.1	50.5	50.3
NL	4.2	53.3	53.4	55.3	56.1	56.2	55.8	55.4	57.5	58.0	57.8	57.2	57.6
AT	15.4	40.0	40.8	45.7	49.6	51.1	52.1	53.7	56.1	55.6	56.0	55.2	55.4
PL	14.4	32.1	33.0	35.5	34.9	41.8	48.1	48.4	47.9	46.6	46.2	45.9	46.5
PT	13.3	54.5	56.9	61.1	63.5	65.0	67.0	68.0	67.4	67.2	67.5	67.6	67.8
RO	3.1	42.4	44.6	46.3	47.1	50.9	48.2	47.1	45.6	45.8	44.2	45.0	45.4
SI	14.6	34.5	36.7	42.9	48.8	49.5	49.5	50.2	49.3	48.7	48.3	48.6	49.1
SK	13.4	39.4	47.0	49.6	50.3	53.4	55.1	55.4	53.8	53.1	52.6	51.8	52.8
FI	8.3	59.4	57.9	61.9	66.5	67.0	66.1	67.9	67.8	67.8	68.5	67.5	67.7
SE	3.4	73.2	73.1	75.0	75.5	75.9	75.5	75.7	76.0	76.8	77.1	75.5	76.6
UK	11.4	59.7	58.6	62.6	64.1	64.7	65.8	67.6	70.3	71.3	71.3	71.0	71.1
NO	-4.2	69.9	67.4	66.7	66.4	67.2	66.3	65.0	65.6	66.2	66.5	65.8	65.6
EU27	15.1	47.5	48.9	53.9	56.9	59.3	60.8	61.5	61.8	61.9	62.0	62.0	62.5
EA16	17.7	45.3	47.1	54.0	57.5	60.2	62.7	63.4	63.9	63.5	63.5	63.2	63.0
EU15	16.4	48.6	49.8	55.8	58.8	61.3	63.9	64.6	65.2	65.2	65.6	65.4	65.0
EU12	12.3	38.5	40.5	44.5	45.8	48.7	49.8	50.9	50.5	50.8	51.2	50.9	50.8
EU25	16.7	46.7	48.0	53.8	56.8	59.7	62.0	62.5	62.8	63.0	63.6	63.5	63.4
EA12	17.7	45.5	47.2	54.2	57.7	60.4	63.0	63.7	64.2	63.8	63.8	63.4	63.2
EU10	15.5	36.9	39.3	43.6	44.7	48.5	51.0	52.2	51.9	52.1	52.9	52.3	52.4

Source: Commission services.

Table A 32 - Participation rate (15-64) - FEMALES (percent)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	5.2	60.7	62.0	64.5	65.3	65.3	65.6	65.8	65.9	65.9	65.9	65.8	65.9
BG	3.3	62.3	63.4	65.8	66.3	65.7	65.1	64.4	64.0	64.0	63.8	64.8	65.6
CZ	6.5	61.6	63.3	66.1	66.7	66.0	66.0	66.2	66.0	67.4	67.8	67.8	68.1
DK	2.6	76.5	76.4	76.8	77.0	77.3	77.5	78.4	78.8	79.4	79.3	79.0	79.1
DE	6.3	70.2	71.4	73.5	74.1	74.1	75.3	76.8	77.0	76.7	76.5	76.5	76.5
EE	2.6	68.8	69.9	70.7	71.5	71.3	71.1	70.8	71.0	70.9	70.6	70.9	71.4
IE	8.0	63.3	65.6	68.1	69.4	70.1	70.7	71.1	71.2	71.1	71.3	71.3	71.3
EL	5.7	55.2	56.9	59.1	60.1	60.1	60.0	60.3	60.6	60.9	61.2	61.1	61.0
ES	11.4	61.5	64.3	67.9	69.6	70.6	71.5	72.6	72.9	73.1	73.2	73.0	72.9
FR	2.3	65.6	65.4	66.5	66.8	66.7	67.0	67.2	67.9	67.7	67.7	67.9	67.9
IT	6.2	50.7	52.2	55.0	56.0	56.5	56.9	56.9	57.0	57.1	57.1	56.9	56.8
CY	8.4	64.7	67.4	70.7	72.9	73.4	73.4	73.3	73.1	72.8	73.0	73.1	73.2
LV	2.1	68.3	69.9	71.9	71.3	70.2	70.2	69.6	69.8	69.4	68.1	68.4	70.4
LT	1.8	65.2	66.7	68.6	69.2	68.5	67.8	67.1	67.1	66.9	66.3	66.4	66.9
LU	3.5	57.9	59.5	60.5	61.1	61.6	61.9	62.1	62.0	61.7	61.7	61.5	61.4
HU	5.7	55.0	57.5	60.0	61.2	61.7	61.1	60.4	60.0	60.4	60.5	60.5	60.7
MT	5.2	39.9	40.5	42.9	44.1	44.7	45.5	45.3	45.0	45.0	45.0	44.9	45.1
NL	5.6	72.4	73.6	75.5	76.3	76.7	77.2	77.9	78.7	78.5	78.2	77.9	78.0
AT	5.1	68.0	68.9	70.6	71.0	70.8	71.5	72.7	73.4	73.1	73.0	72.9	73.1
PL	4.3	56.6	57.5	58.8	60.4	62.1	62.3	60.9	59.6	59.0	59.6	60.3	60.9
PT	4.6	68.9	70.5	72.1	72.8	73.1	73.4	73.6	73.6	73.7	73.8	73.7	73.5
RO	0.1	56.0	57.0	58.2	58.8	58.4	56.6	55.9	55.5	55.3	55.2	56.1	56.1
SI	2.8	66.7	68.0	69.8	70.8	70.0	69.1	68.8	68.4	68.7	69.3	69.6	69.5
SK	4.9	61.2	62.9	65.2	66.7	68.0	67.5	66.3	65.3	65.1	65.2	65.6	66.1
FI	4.0	74.1	73.4	75.2	77.1	77.2	77.4	77.9	77.8	78.0	78.1	78.0	78.1
SE	4.0	76.8	77.4	79.5	79.8	79.7	79.7	79.9	80.2	80.5	80.5	80.4	80.8
UK	5.4	69.0	69.4	71.5	72.2	72.6	73.3	73.9	74.4	74.5	74.4	74.4	74.4
NO	1.4	75.9	75.8	76.3	76.6	76.7	76.8	76.9	77.3	77.4	77.4	77.2	77.3
EU27	5.9	63.4	64.5	66.7	67.5	67.9	68.3	68.7	68.9	69.0	69.1	69.2	69.4
EA16	6.3	63.1	64.4	67.0	67.9	68.3	68.9	69.5	69.8	69.8	69.6	69.6	69.4
EU15	6.3	64.5	65.7	68.1	68.9	69.3	70.1	70.7	71.0	71.1	71.0	70.9	70.8
EU12	4.3	58.3	59.7	61.8	63.0	63.4	62.8	62.2	61.7	61.8	62.1	62.5	62.6
EU25	6.5	63.5	64.7	67.1	68.1	68.6	69.2	69.6	69.8	69.9	70.0	70.0	70.0
EA12	6.3	63.2	64.5	67.0	67.9	68.3	69.0	69.6	69.9	69.9	69.7	69.6	69.5
EU10	5.5	58.5	60.0	62.3	63.7	64.4	64.2	63.4	62.9	63.0	63.4	63.7	64.0

Source: Commission services.

Table A 33 - Participation rate (15-24) - FEMALES (percent)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	0.6	32.1	32.5	33.8	33.1	32.4	32.9	32.7	32.8	33.0	32.9	32.7	32.7
BG	-0.3	28.4	30.2	30.9	27.2	26.8	28.1	29.0	29.2	28.7	28.0	27.7	28.0
CZ	-0.1	26.9	27.8	30.1	26.6	25.2	27.3	27.7	27.9	28.0	27.2	26.5	26.8
DK	1.8	69.4	70.6	71.3	71.4	71.3	71.4	71.1	70.9	71.0	71.2	71.3	71.3
DE	0.8	48.9	50.6	50.1	50.3	50.3	49.6	49.4	49.6	49.9	50.0	49.9	49.7
EE	2.1	32.5	38.5	39.2	34.1	32.9	34.6	35.6	36.6	36.6	35.4	34.5	34.6
IE	-1.6	52.1	52.8	51.2	50.0	49.9	50.2	51.2	51.8	51.6	50.9	50.5	50.6
EL	-1.2	29.3	28.9	28.9	28.2	27.3	28.4	29.0	29.0	28.6	28.2	28.0	28.1
ES	-1.7	43.6	43.8	42.9	41.1	40.9	42.1	43.2	43.2	42.7	42.0	41.6	41.9
FR	0.4	35.6	36.8	36.4	35.5	35.9	36.1	36.3	36.3	36.2	35.9	35.9	36.0
IT	0.6	25.6	26.1	26.6	25.9	26.0	26.6	26.9	26.6	26.3	26.1	26.1	26.3
CY	-1.3	41.0	41.4	42.5	42.4	39.5	39.1	40.1	40.8	41.1	40.9	40.2	39.8
LV	1.7	36.8	42.2	44.8	37.8	37.1	38.4	39.5	40.6	40.6	39.5	38.4	38.5
LT	1.3	23.6	26.3	28.7	27.3	24.9	24.2	24.9	26.0	26.8	26.4	25.5	24.9
LU	2.1	23.7	24.8	25.1	26.1	26.3	25.7	25.7	25.5	25.5	25.7	25.9	25.8
HU	-0.2	22.1	22.5	23.8	22.6	21.5	21.9	22.5	22.6	22.7	22.3	21.9	21.9
MT	1.1	52.7	54.0	55.7	55.7	54.1	53.5	53.6	54.2	54.8	54.7	54.2	53.7
NL	1.2	72.4	73.2	73.4	73.3	73.9	73.6	73.3	73.2	73.3	73.4	73.5	73.5
AT	2.0	57.2	58.7	60.1	59.7	59.4	59.3	59.2	59.3	59.4	59.4	59.3	59.2
PL	-0.7	30.0	31.2	32.1	31.1	28.7	28.9	29.9	30.8	31.0	30.4	29.5	29.3
PT	-0.8	39.0	38.8	38.4	37.6	38.3	38.4	38.9	38.7	38.4	38.1	38.1	38.2
RO	0.3	25.2	27.8	26.7	25.7	25.3	25.5	26.0	26.3	26.2	25.7	25.5	25.5
SI	-0.2	35.1	36.8	36.7	35.5	33.9	34.9	35.7	36.1	36.1	35.5	34.9	34.9
SK	-1.0	30.6	31.1	32.4	30.8	29.0	29.4	30.2	30.8	31.0	30.4	29.7	29.6
FI	1.5	53.6	54.6	56.3	55.6	54.8	55.0	55.1	55.3	55.6	55.6	55.3	55.1
SE	4.9	52.2	56.3	60.4	56.9	56.4	57.2	56.9	57.2	58.0	57.9	57.2	57.0
UK	0.4	59.0	60.3	60.8	60.2	59.4	59.6	59.5	59.7	59.9	59.9	59.6	59.5
NO	1.6	60.0	61.1	62.0	62.0	61.5	61.6	61.4	61.4	61.6	61.8	61.7	61.6
EU27	2.0	41.0	42.5	43.1	42.3	41.7	42.0	42.6	43.1	43.4	43.2	43.0	42.9
EA16	-0.6	41.5	42.5	42.3	41.1	40.9	41.0	41.5	41.7	41.6	41.2	40.9	40.9
EU15	0.2	45.3	46.6	46.8	45.3	44.9	45.3	45.8	46.2	46.3	45.9	45.6	45.5
EU12	-0.8	28.8	30.9	31.6	29.0	27.1	27.8	28.9	29.7	29.8	28.9	28.0	28.0
EU25	1.3	42.4	43.9	44.6	43.2	42.5	42.9	43.5	44.1	44.4	44.1	43.6	43.6
EA12	-0.7	41.8	42.7	42.4	41.3	41.1	41.2	41.7	41.9	41.8	41.4	41.0	41.0
EU10	-1.0	29.6	31.4	32.6	30.2	27.7	28.4	29.6	30.5	30.7	29.8	28.7	28.6

Source: Commission services.

Table A 34 - Participation rate (25-54) - FEMALES (percent)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	3.9	78.1	79.5	80.9	81.5	81.8	81.8	81.9	81.9	81.9	82.0	82.0	81.9
BG	2.7	80.7	81.2	82.0	82.6	83.2	83.3	83.1	82.9	83.0	83.5	83.5	83.4
CZ	0.7	80.2	80.4	80.7	80.6	81.0	81.4	80.9	80.2	80.1	80.4	80.8	80.9
DK	0.2	85.4	85.4	85.2	85.1	85.1	85.3	85.6	85.6	85.6	85.5	85.5	85.6
DE	3.9	81.8	82.9	84.1	84.8	85.3	85.7	85.8	85.8	85.7	85.6	85.6	85.6
EE	0.2	83.7	83.1	82.8	83.1	83.6	83.9	83.9	83.5	83.3	83.5	83.8	83.9
IE	6.9	72.1	74.1	76.0	77.2	78.3	78.8	79.0	79.1	78.9	78.9	78.9	79.0
EL	6.7	69.2	71.2	73.5	74.8	75.7	76.0	75.8	75.8	75.9	76.0	76.0	75.9
ES	9.2	72.7	75.1	78.0	79.8	81.3	81.7	81.8	81.9	81.9	81.9	82.0	82.0
FR	2.6	82.5	83.3	84.0	84.5	84.8	85.0	85.0	85.0	85.0	85.1	85.1	85.1
IT	3.3	64.1	65.3	66.7	67.7	68.2	67.9	67.5	67.4	67.4	67.5	67.5	67.4
CY	9.5	78.7	81.9	85.0	86.9	87.8	88.1	88.1	88.0	88.0	88.2	88.2	88.2
LV	0.1	83.5	83.1	82.8	83.1	83.6	83.6	83.5	83.3	83.2	83.4	83.6	83.6
LT	-1.7	84.2	83.5	82.6	82.4	82.9	82.9	82.4	81.9	81.9	82.3	82.6	82.5
LU	3.9	73.5	75.0	76.9	77.7	77.9	77.9	77.4	77.4	77.4	77.4	77.4	77.4
HU	3.0	73.2	73.9	75.0	75.6	76.1	76.4	76.2	75.9	75.8	76.0	76.2	76.2
MT	4.8	44.5	46.8	48.9	49.9	49.5	49.0	48.8	49.0	49.3	49.5	49.5	49.3
NL	5.9	81.2	82.9	84.8	86.1	86.8	87.0	87.1	87.2	87.3	87.2	87.2	87.1
AT	3.9	81.1	82.1	82.8	83.6	83.9	84.4	84.9	85.0	84.9	84.9	84.9	84.9
PL	2.8	75.6	76.9	77.8	78.4	78.7	78.4	77.8	77.6	77.8	78.3	78.6	78.4
PT	3.5	82.9	84.1	85.3	86.0	86.4	86.3	86.3	86.4	86.5	86.5	86.4	86.4
RO	-1.2	72.0	72.2	72.6	71.9	71.2	70.9	70.7	70.3	70.7	70.9	70.9	70.8
SI	-1.0	87.3	87.1	86.9	86.9	86.8	86.1	85.7	85.9	86.2	86.5	86.5	86.2
SK	0.8	81.1	81.0	81.2	81.7	82.0	82.2	81.9	81.4	81.2	81.5	81.9	81.9
FI	2.7	85.6	85.7	86.2	86.7	87.2	87.8	88.1	88.3	88.2	88.2	88.2	88.3
SE	3.7	87.1	87.4	88.2	89.1	89.8	90.2	90.4	90.6	90.6	90.7	90.8	90.8
UK	3.0	77.6	77.9	78.7	79.2	79.8	80.3	80.6	80.7	80.6	80.6	80.6	80.6
NO	2.6	83.9	84.2	84.8	85.3	85.7	86.1	86.4	86.5	86.4	86.5	86.5	86.5
EU27	4.0	76.9	77.9	79.1	79.8	80.3	80.6	80.6	80.6	80.7	80.8	80.8	80.8
EA16	5.1	76.4	77.9	79.6	81.0	81.5	81.5	81.6	81.5	81.5	81.4	81.5	81.5
EU15	4.9	76.7	78.1	79.6	80.9	81.4	81.5	81.6	81.6	81.7	81.5	81.5	81.6
EU12	2.1	76.6	77.3	77.7	78.2	78.8	79.1	78.8	78.5	78.6	78.5	78.7	78.7
EU25	4.6	76.8	78.1	79.5	80.7	81.2	81.3	81.4	81.4	81.4	81.3	81.4	81.4
EA12	5.2	76.2	77.8	79.5	80.9	81.4	81.5	81.6	81.4	81.5	81.4	81.5	81.5
EU10	2.8	77.3	78.2	78.8	79.5	80.2	80.6	80.2	80.0	79.9	79.9	80.1	80.1

Source: Commission services.

Table A 35 - Participation rate (55-64) - FEMALES (percent)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	19.9	27.7	32.3	41.3	45.2	46.4	47.0	47.0	47.8	47.8	47.9	47.2	47.6
BG	5.6	38.1	39.1	41.3	42.2	42.3	43.0	43.0	42.3	42.9	41.0	40.7	43.8
CZ	27.5	35.7	42.8	47.6	48.5	48.4	51.9	56.9	56.6	60.7	62.5	61.5	63.2
DK	12.2	55.1	54.4	56.2	58.3	61.1	61.0	63.6	63.9	67.5	68.2	67.5	67.2
DE	22.8	48.8	50.1	59.5	62.1	62.4	65.0	70.6	72.2	72.0	71.6	71.4	71.6
EE	3.7	61.4	60.1	57.1	62.3	64.5	65.3	64.2	64.9	65.2	63.1	62.2	65.1
IE	27.8	40.4	44.9	54.8	61.0	63.2	66.2	67.9	67.7	66.6	67.3	67.7	68.2
EL	16.3	28.4	30.2	35.0	38.5	41.1	42.5	44.3	44.6	43.9	44.4	44.4	44.7
ES	40.0	32.7	39.6	50.6	58.5	63.0	67.7	71.3	71.5	71.5	72.0	72.1	72.6
FR	8.1	38.5	36.3	40.6	43.6	44.5	45.4	44.3	46.6	46.1	45.5	45.9	46.6
IT	27.1	23.4	27.4	37.6	42.7	46.6	50.0	50.6	49.9	50.0	50.3	49.9	50.5
CY	13.8	41.5	43.6	47.4	50.3	52.0	54.2	55.9	56.9	55.6	55.5	55.2	55.3
LV	1.1	54.9	55.4	58.2	56.2	53.8	56.2	54.7	56.5	56.8	52.1	48.2	56.0
LT	5.4	49.6	56.1	59.9	59.2	56.1	56.6	56.1	57.7	57.8	55.6	54.0	55.0
LU	16.7	27.7	33.6	38.1	40.8	42.9	43.4	45.6	45.4	44.6	45.3	45.0	44.4
HU	19.9	26.9	38.4	44.7	44.0	46.3	46.4	47.3	46.2	46.9	46.8	46.1	46.8
MT	14.1	13.3	10.0	14.0	17.7	21.1	26.9	28.7	28.3	28.0	27.9	27.4	27.4
NL	14.1	41.8	44.2	49.2	51.4	52.7	53.5	53.5	55.7	56.3	56.2	55.5	55.9
AT	21.0	29.3	29.7	39.1	43.9	45.2	46.4	47.9	50.8	50.4	50.9	50.0	50.3
PL	14.7	20.8	22.3	25.6	25.4	30.5	36.4	37.3	37.1	35.7	35.2	34.8	35.4
PT	18.1	46.9	49.9	55.4	59.4	61.4	63.6	65.0	64.5	64.4	64.7	64.8	65.0
RO	4.6	33.8	35.2	36.8	38.5	42.4	39.4	38.8	38.3	38.9	37.4	38.1	38.4
SI	25.8	22.8	29.8	41.7	48.2	49.1	49.0	49.8	48.8	48.2	47.9	48.0	48.6
SK	25.3	23.8	34.9	41.9	44.0	49.6	50.5	50.3	49.5	49.3	48.8	48.3	49.1
FI	9.5	59.4	56.8	61.5	67.9	67.9	66.5	68.4	68.6	68.9	69.8	68.6	68.9
SE	1.9	69.8	68.7	70.4	69.8	70.0	69.6	70.0	70.5	71.8	72.2	70.3	71.7
UK	18.5	50.4	49.9	57.1	60.1	62.0	64.6	65.8	68.4	69.4	69.1	68.7	68.9
NO	-0.7	64.8	63.2	63.1	62.8	63.6	63.2	62.4	63.5	64.5	64.9	64.2	64.1
EU27	19.9	38.2	39.9	46.7	50.4	53.0	55.0	56.3	57.0	57.3	57.4	57.5	58.1
EA16	22.5	36.2	38.2	46.9	51.1	53.9	56.9	58.6	59.5	59.3	59.2	58.9	58.7
EU15	21.3	39.8	41.1	49.1	52.8	55.6	58.7	60.2	61.2	61.5	61.7	61.5	61.1
EU12	14.9	28.7	31.9	36.6	38.1	40.7	41.8	43.0	43.0	43.4	43.9	43.6	43.7
EU25	21.5	37.6	39.2	46.8	50.5	53.5	56.4	57.5	58.2	58.6	59.1	59.1	59.0
EA12	22.4	36.6	38.4	47.1	51.2	54.0	57.1	58.8	59.8	59.6	59.5	59.1	58.9
EU10	18.6	26.6	30.6	35.9	37.2	40.3	42.9	44.2	44.3	44.5	45.5	44.9	45.1

Source: Commission services.

Table A 36 - Participation rate (15-64) - MALES (percent)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	-0.5	73.9	73.8	74.4	74.2	73.4	73.2	73.3	73.5	73.4	73.3	73.2	73.4
BG	1.4	71.4	72.3	74.1	74.3	73.5	72.9	72.3	72.0	72.0	71.8	72.3	72.9
CZ	0.6	78.3	78.7	80.7	81.0	79.7	78.8	78.9	78.5	79.1	79.0	78.6	78.9
DK	-1.5	84.0	83.2	82.7	82.2	81.8	81.6	82.3	82.4	82.7	82.6	82.4	82.5
DE	0.9	82.1	83.2	83.8	83.9	83.4	83.2	83.3	83.3	83.0	82.9	82.9	83.0
EE	0.3	77.3	79.2	80.4	79.5	78.0	77.5	77.1	77.3	77.1	76.8	77.2	77.7
IE	-0.3	81.4	82.0	82.1	81.8	81.1	80.6	80.5	80.5	80.8	81.2	81.2	81.1
EL	-2.4	78.8	79.2	79.3	78.5	77.3	76.2	75.9	75.9	76.2	76.7	76.6	76.4
ES	0.2	81.5	82.0	82.2	81.5	80.8	81.0	81.2	81.3	81.7	81.9	81.8	81.6
FR	0.1	75.1	74.6	74.7	74.8	74.7	74.8	74.9	75.4	75.2	75.2	75.2	75.2
IT	3.4	74.5	75.1	76.4	76.6	77.2	77.7	77.9	78.1	78.3	78.3	78.0	77.9
CY	1.5	81.2	81.8	83.2	84.1	83.7	83.3	83.0	82.8	82.7	82.8	82.7	82.7
LV	0.1	77.8	78.8	80.5	79.5	78.0	77.7	77.2	77.6	77.3	76.0	76.2	77.9
LT	-1.8	71.2	71.5	72.7	73.0	71.8	70.4	69.6	69.6	69.4	68.9	68.9	69.4
LU	-2.6	74.7	74.4	73.6	72.7	71.9	71.8	72.4	72.5	72.5	72.4	72.1	72.1
HU	0.5	68.7	69.5	70.9	72.1	71.9	70.7	69.6	68.6	69.2	69.3	69.1	69.2
MT	4.5	78.5	77.6	78.9	81.2	82.8	84.0	83.5	83.0	83.0	83.0	83.0	83.0
NL	-2.4	84.8	83.9	83.3	82.6	82.1	82.1	82.6	83.2	82.9	82.5	82.3	82.4
AT	0.3	81.7	81.7	81.0	80.8	80.6	81.2	82.1	82.3	82.0	81.9	81.8	82.0
PL	1.4	70.1	70.6	71.5	72.0	73.0	72.8	71.7	71.1	71.0	71.4	71.6	71.6
PT	-0.3	79.3	79.9	80.1	79.5	79.4	79.4	79.3	79.2	79.3	79.3	79.2	79.0
RO	-3.7	70.1	70.9	71.3	70.9	69.9	68.0	66.9	66.1	65.9	65.7	66.3	66.3
SI	-1.5	75.8	75.4	75.1	75.8	75.0	74.2	73.6	73.0	73.3	73.9	74.4	74.3
SK	-0.4	76.6	77.7	78.5	79.1	78.8	78.2	76.9	75.7	75.5	75.5	75.6	76.2
FI	2.6	77.5	77.2	78.8	79.6	79.7	79.7	80.0	79.7	79.8	80.0	79.9	80.1
SE	2.7	81.5	82.2	84.2	84.5	84.2	83.9	83.8	83.8	84.1	84.2	84.0	84.1
UK	0.6	82.1	82.0	82.4	82.2	81.5	81.6	82.1	82.5	82.5	82.6	82.7	82.8
NO	-3.0	81.6	80.8	80.3	80.0	79.5	79.0	78.6	78.7	78.7	78.7	78.5	78.6
EU27	1.0	77.8	78.2	78.8	78.8	78.5	78.4	78.4	78.5	78.6	78.6	78.7	78.8
EA16	0.9	78.4	78.8	79.6	79.6	79.4	79.6	79.7	79.7	79.7	79.5	79.5	79.3
EU15	1.0	79.1	79.4	80.2	80.1	79.9	80.1	80.2	80.3	80.4	80.3	80.3	80.1
EU12	0.7	71.7	72.5	73.9	74.3	74.0	73.1	72.5	72.2	72.4	72.5	72.6	72.4
EU25	1.4	77.9	78.4	79.3	79.3	79.2	79.2	79.3	79.3	79.5	79.5	79.5	79.4
EA12	0.9	78.5	78.9	79.6	79.6	79.4	79.6	79.7	79.8	79.8	79.6	79.5	79.3
EU10	1.8	72.1	72.9	74.5	75.1	75.1	74.5	73.8	73.6	73.8	74.1	74.0	73.9

Source: Commission services.

Table A 37 - Participation rate (15-24) - MALES (percent)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	1.8	36.6	37.9	39.5	38.6	37.8	38.4	38.3	38.5	38.7	38.5	38.3	38.4
BG	-0.2	35.4	37.8	38.7	33.9	33.6	35.1	36.3	36.6	36.0	35.1	34.8	35.2
CZ	0.1	36.8	38.3	41.3	36.5	34.8	37.6	38.1	38.4	38.5	37.3	36.5	36.9
DK	1.5	72.2	72.8	73.7	73.8	73.6	73.8	73.5	73.2	73.4	73.6	73.7	73.7
DE	0.7	54.0	55.8	55.2	55.4	55.1	54.5	54.3	54.6	54.9	55.0	54.9	54.7
EE	0.9	44.3	50.1	50.6	44.6	43.0	45.3	46.4	47.7	47.5	46.0	44.9	45.2
IE	-1.4	58.6	59.3	57.7	56.6	56.2	56.6	57.8	58.6	58.3	57.5	57.1	57.2
EL	1.1	36.0	37.8	38.2	37.0	36.2	37.5	38.2	38.1	37.6	37.2	36.9	37.1
ES	-1.4	52.6	52.8	52.2	50.2	50.2	51.4	52.5	52.6	52.0	51.3	50.9	51.2
FR	1.1	43.0	44.6	44.4	43.7	43.9	44.1	44.3	44.4	44.2	44.0	44.0	44.1
IT	1.5	36.5	37.6	38.3	37.5	37.5	38.5	38.8	38.3	38.0	37.8	37.7	37.9
CY	-0.4	47.4	48.1	50.0	49.6	46.5	46.3	47.3	48.0	48.3	48.1	47.4	47.0
LV	-0.5	49.9	54.1	56.8	48.7	47.5	49.1	50.6	52.1	52.0	50.6	49.3	49.4
LT	0.4	32.8	35.1	37.9	36.3	33.2	32.1	33.1	34.6	35.6	35.1	33.8	33.2
LU	2.1	30.9	32.0	32.7	33.1	33.2	32.7	32.8	32.6	32.6	32.9	33.0	33.0
HU	0.4	29.9	31.0	32.6	31.2	29.8	30.3	31.1	31.2	31.3	30.9	30.4	30.3
MT	0.1	58.1	58.8	60.1	60.6	58.1	57.9	58.0	58.6	59.2	59.1	58.6	58.2
NL	1.0	73.0	73.5	73.8	73.7	74.4	74.0	73.6	73.5	73.6	73.8	74.0	74.0
AT	1.4	65.7	66.8	68.0	67.6	67.2	67.1	67.1	67.2	67.3	67.3	67.2	67.1
PL	-1.3	37.8	38.9	39.8	38.5	35.7	35.9	37.1	38.2	38.5	37.8	36.7	36.4
PT	-0.7	45.5	45.5	44.9	44.0	45.0	45.0	45.5	45.3	44.9	44.6	44.6	44.8
RO	0.8	35.9	39.6	37.9	36.8	36.3	36.6	37.3	37.6	37.5	36.9	36.6	36.7
SI	-1.2	46.3	48.1	46.9	45.8	44.4	45.3	46.1	46.6	46.5	45.7	45.0	45.1
SK	0.3	38.9	41.1	42.8	40.8	38.4	38.9	40.0	40.8	41.0	40.3	39.4	39.2
FI	0.7	55.2	55.5	57.3	56.4	55.4	55.6	55.8	56.1	56.4	56.4	56.0	55.8
SE	4.5	51.4	55.2	59.9	55.8	55.1	56.1	55.8	56.1	57.0	57.0	56.2	55.9
UK	0.3	64.8	66.0	66.7	65.9	64.6	65.1	65.0	65.3	65.6	65.6	65.2	65.0
NO	1.7	57.8	58.8	59.7	59.9	59.2	59.3	59.1	59.1	59.4	59.6	59.5	59.4
EU27	2.0	48.1	49.8	50.4	49.5	48.8	49.3	49.8	50.3	50.6	50.4	50.1	50.1
EA16	-0.1	48.6	49.8	49.8	48.5	48.2	48.5	49.2	49.3	49.1	48.7	48.4	48.5
EU15	0.5	51.9	53.3	53.7	52.1	51.6	52.1	52.7	53.0	53.1	52.8	52.4	52.4
EU12	-1.0	37.8	40.5	41.1	37.9	35.7	36.6	37.9	38.9	39.0	37.9	36.8	36.8
EU25	1.3	49.3	51.0	51.8	50.2	49.4	49.9	50.7	51.2	51.4	51.1	50.7	50.7
EA12	-0.2	48.8	49.9	49.9	48.6	48.4	48.7	49.3	49.4	49.2	48.8	48.5	48.6
EU10	-1.4	38.3	40.4	41.7	38.6	35.7	36.6	38.0	39.2	39.4	38.3	37.0	36.9

Source: Commission services.

Table A 38 - Participation rate (25-54) - MALES (percent)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	-1.2	92.5	92.3	92.0	91.6	91.5	91.4	91.3	91.3	91.3	91.4	91.4	91.3
BG	1.4	87.3	87.7	88.3	88.7	88.8	88.7	88.5	88.4	88.6	88.9	88.8	88.7
CZ	-2.3	95.0	94.8	94.3	93.9	93.6	93.1	92.6	92.7	92.8	92.9	92.9	92.8
DK	-3.7	92.5	91.8	90.8	89.9	89.5	89.1	88.9	88.9	88.8	88.8	88.9	88.9
DE	-0.6	93.8	93.8	93.5	93.5	93.4	93.4	93.3	93.2	93.2	93.2	93.2	93.2
EE	-2.1	93.5	92.4	92.4	92.3	92.1	91.8	91.3	91.2	91.5	91.9	91.8	91.5
IE	0.5	91.6	91.8	91.8	91.8	91.7	91.7	91.8	92.1	92.2	92.3	92.2	92.1
EL	-1.0	94.6	94.3	94.3	94.0	93.8	93.5	93.3	93.6	93.7	93.8	93.7	93.6
ES	0.0	92.6	92.7	92.6	92.4	92.2	92.3	92.5	92.7	92.8	92.9	92.7	92.6
FR	-1.6	94.2	93.9	93.3	93.1	92.9	92.8	92.7	92.7	92.7	92.7	92.7	92.6
IT	-1.4	91.0	90.4	89.9	89.7	89.7	89.5	89.4	89.6	89.7	89.7	89.6	89.6
CY	0.3	95.0	95.0	95.2	95.3	95.3	95.3	95.2	95.2	95.2	95.2	95.3	95.3
LV	0.0	90.9	90.8	91.1	91.2	91.0	90.7	90.6	90.9	91.3	91.4	91.2	91.0
LT	-3.0	87.9	87.1	86.3	85.6	85.1	84.8	84.4	84.3	84.6	85.1	85.1	84.9
LU	-0.1	94.7	94.7	94.7	94.5	94.6	94.6	94.7	94.7	94.6	94.6	94.6	94.6
HU	-1.1	87.0	87.4	87.9	87.3	86.8	86.1	85.7	85.8	85.9	86.0	86.0	85.8
MT	-0.8	94.3	94.3	93.8	93.8	93.6	93.4	93.3	93.2	93.3	93.4	93.5	93.5
NL	-1.0	94.0	93.6	93.2	93.0	93.1	93.1	93.1	93.0	92.9	92.9	92.9	93.0
AT	-0.2	93.7	93.1	92.5	92.8	93.2	93.5	93.4	93.4	93.3	93.4	93.5	93.5
PL	-2.4	88.0	88.1	88.1	87.6	86.6	85.6	84.9	85.1	85.5	86.0	86.0	85.6
PT	-1.3	92.9	92.8	92.4	92.2	91.9	91.6	91.5	91.6	91.7	91.7	91.6	91.6
RO	-6.7	85.9	84.8	83.5	82.3	80.8	79.7	79.0	78.9	79.2	79.3	79.3	79.2
SI	-0.2	91.3	91.2	91.4	91.3	91.2	90.8	90.6	90.8	91.2	91.4	91.4	91.1
SK	-1.0	93.9	93.8	93.8	93.9	93.7	93.2	92.7	92.6	92.7	93.0	93.0	92.9
FI	1.5	90.4	90.5	91.2	91.5	91.8	91.7	91.7	91.8	91.8	91.9	91.9	91.9
SE	0.7	92.9	93.0	93.2	93.3	93.6	93.6	93.5	93.5	93.5	93.6	93.6	93.6
UK	-0.7	91.6	91.4	91.1	91.0	91.0	91.0	90.9	90.8	90.9	91.0	91.0	90.9
NO	-2.4	90.8	90.4	89.8	89.3	88.6	88.5	88.4	88.4	88.3	88.3	88.4	88.4
EU27	-0.9	91.9	91.7	91.4	91.2	91.0	90.8	90.7	90.8	90.9	91.0	91.1	91.0
EA16	-0.2	92.7	92.8	92.8	93.1	92.9	92.6	92.6	92.5	92.6	92.4	92.5	92.5
EU15	-0.4	92.5	92.5	92.4	92.8	92.5	92.2	92.1	92.1	92.3	92.1	92.1	92.1
EU12	-1.7	88.7	88.6	88.3	88.1	87.9	87.5	87.0	87.1	87.3	87.1	87.1	87.1
EU25	-0.3	92.0	92.0	91.9	92.2	92.0	91.7	91.6	91.6	91.8	91.7	91.7	91.7
EA12	-0.3	92.7	92.8	92.7	93.1	92.9	92.5	92.5	92.4	92.6	92.4	92.5	92.4
EU10	-0.8	89.5	89.7	89.6	89.6	89.4	89.1	88.6	88.8	89.0	88.9	88.8	88.7

Source: Commission services.

Table A 39 - Participation rate (55-64) - MALES (percent)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	5.8	44.8	46.5	50.8	52.7	51.4	50.7	50.6	51.1	51.0	50.9	50.1	50.6
BG	0.5	56.3	54.7	54.3	54.9	55.9	57.0	56.7	55.9	56.1	54.5	54.0	56.8
CZ	8.6	63.3	63.9	66.6	67.9	68.6	69.6	72.9	70.3	71.3	71.1	69.6	71.9
DK	3.9	67.5	66.4	66.1	67.0	67.8	67.1	70.1	69.3	71.9	72.4	71.7	71.4
DE	10.1	66.0	70.8	75.7	77.7	76.7	75.9	76.1	77.0	76.7	76.1	76.0	76.1
EE	-0.6	63.7	67.5	65.0	63.5	62.6	63.8	63.4	64.0	63.5	60.7	59.8	63.0
IE	0.3	69.7	69.3	69.9	70.3	70.0	69.9	70.1	69.5	68.7	69.2	69.6	70.0
EL	-2.5	61.2	60.4	59.9	59.3	59.8	59.3	59.1	58.1	57.1	58.0	58.1	58.7
ES	12.0	63.3	63.7	66.6	68.8	70.6	74.0	74.9	73.8	73.5	74.2	74.5	75.3
FR	8.5	43.6	42.4	45.4	48.9	51.0	52.4	51.0	52.3	51.8	51.4	51.4	52.0
IT	28.8	46.6	51.8	60.4	65.8	71.6	75.0	75.0	74.3	74.9	75.3	75.0	75.4
CY	0.0	74.8	75.0	75.3	75.8	75.1	75.7	76.1	76.3	75.2	75.1	74.7	74.7
LV	-7.3	67.6	64.5	62.4	61.4	59.3	61.5	59.9	61.4	61.6	56.9	53.1	60.3
LT	-10.3	63.4	61.6	59.9	59.7	56.6	55.2	54.4	56.0	56.0	53.9	52.2	53.2
LU	0.2	38.1	39.2	39.9	40.5	38.9	37.3	37.9	38.4	38.6	39.1	38.5	38.2
HU	9.0	42.9	46.5	48.4	51.0	55.0	55.6	55.8	51.5	51.9	52.1	51.0	52.0
MT	22.3	50.4	45.8	50.3	58.5	65.5	73.8	74.8	73.9	73.7	73.6	73.0	72.7
NL	-5.5	64.7	62.5	61.4	60.9	59.6	58.1	57.3	59.4	59.7	59.5	58.8	59.1
AT	9.2	51.3	52.5	52.6	55.6	57.0	57.9	59.7	61.4	60.9	61.1	60.4	60.5
PL	12.6	45.1	45.3	46.8	45.5	54.1	60.7	60.2	59.2	58.1	57.6	57.3	57.7
PT	7.5	63.0	64.7	67.5	68.0	68.9	70.5	71.1	70.4	70.0	70.2	70.3	70.5
RO	0.4	52.1	55.3	57.2	56.7	60.2	57.6	55.8	53.1	52.9	51.2	52.0	52.6
SI	3.1	46.5	43.5	44.1	49.5	49.9	49.9	50.6	49.7	49.1	48.7	49.1	49.6
SK	-1.0	57.6	60.7	58.1	57.2	57.5	60.1	60.8	58.2	57.1	56.4	55.3	56.6
FI	7.0	59.5	59.1	62.4	65.1	66.0	65.6	67.5	66.9	66.7	67.3	66.3	66.5
SE	4.9	76.6	77.5	79.5	81.1	81.7	81.3	81.4	81.4	81.8	81.8	80.7	81.5
UK	4.1	69.4	67.8	68.3	68.4	67.5	67.2	69.5	72.1	73.1	73.4	73.3	73.4
NO	-7.7	74.8	71.4	70.1	69.8	70.7	69.3	67.5	67.7	67.9	68.0	67.3	67.1
EU27	9.7	57.3	58.4	61.5	63.8	65.8	66.8	66.8	66.6	66.6	66.6	66.5	67.0
EA16	12.5	54.8	56.3	61.3	64.1	66.7	68.7	68.3	68.2	67.8	67.8	67.5	67.2
EU15	11.1	57.8	58.8	62.8	65.0	67.3	69.2	69.0	69.1	69.0	69.4	69.3	68.9
EU12	8.3	49.7	50.3	53.5	54.3	57.5	58.5	59.2	58.2	58.4	58.8	58.4	58.0
EU25	11.3	56.4	57.2	61.1	63.4	66.0	67.8	67.6	67.5	67.5	68.1	68.0	67.7
EA12	12.6	54.8	56.4	61.5	64.3	66.9	68.9	68.6	68.5	68.0	68.0	67.7	67.4
EU10	10.9	48.8	49.2	52.2	53.1	57.3	59.7	60.5	59.8	59.9	60.6	59.9	59.7

Source: Commission services.

Table A 40 - Employment rate (15-64) (percent)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	3.1	62.3	62.9	64.7	65.4	65.1	65.1	65.3	65.4	65.4	65.4	65.3	65.4
BG	3.9	62.1	64.6	66.6	67.0	66.3	65.7	65.1	64.8	64.8	64.7	65.3	66.0
CZ	4.0	66.2	67.8	70.2	70.6	69.6	69.2	69.4	69.0	70.0	70.2	70.0	70.2
DK	1.0	77.2	77.2	77.2	77.0	77.0	77.0	77.8	78.0	78.5	78.3	78.1	78.2
DE	5.3	69.6	71.2	73.1	74.2	73.9	74.4	75.1	75.2	74.9	74.8	74.8	74.9
EE	2.6	69.4	71.8	72.8	72.8	72.0	71.7	71.4	71.5	71.5	71.2	71.5	72.0
IE	3.4	69.1	70.2	71.4	71.8	71.9	71.9	72.0	72.1	72.2	72.5	72.5	72.4
EL	3.1	61.4	62.6	64.4	65.1	64.6	64.0	64.0	64.1	64.4	64.8	64.7	64.6
ES	6.9	65.6	66.9	69.5	71.0	71.1	71.6	72.2	72.4	72.6	72.8	72.6	72.5
FR	2.5	64.7	64.5	65.6	66.4	66.4	66.5	66.7	67.3	67.1	67.1	67.2	67.2
IT	5.0	58.7	60.0	62.0	62.6	63.1	63.5	63.7	63.8	64.0	64.0	63.8	63.8
CY	5.6	69.7	72.0	74.3	75.8	75.9	75.7	75.5	75.3	75.1	75.3	75.3	75.3
LV	2.1	68.5	70.6	72.4	71.6	70.4	70.3	69.8	70.1	69.8	68.5	68.8	70.6
LT	0.6	65.1	66.6	68.1	68.5	67.6	66.7	65.9	65.9	65.7	65.2	65.2	65.8
LU	0.1	63.6	63.9	64.0	63.8	63.7	63.8	64.2	64.2	64.0	64.0	63.7	63.7
HU	3.8	57.2	58.5	60.9	62.5	62.7	61.8	61.0	60.3	60.8	60.9	60.8	61.0
MT	4.6	55.8	55.7	57.4	59.1	60.2	61.1	60.8	60.4	60.4	60.4	60.3	60.4
NL	1.7	76.1	76.4	77.0	77.1	77.1	77.3	77.9	78.5	78.3	78.0	77.8	77.8
AT	2.8	71.5	72.1	72.6	72.7	72.5	73.1	74.2	74.6	74.2	74.2	74.1	74.3
PL	5.3	57.1	60.2	61.3	62.2	63.6	63.6	62.4	61.5	61.2	61.7	62.1	62.4
PT	3.8	67.8	69.4	70.8	71.4	71.5	71.6	71.7	71.7	71.8	71.8	71.7	71.6
RO	-1.1	58.7	60.1	60.9	61.0	60.4	58.6	57.8	57.2	57.0	56.9	57.6	57.6
SI	0.7	67.8	68.4	69.1	69.9	69.2	68.3	67.9	67.5	67.7	68.3	68.6	68.6
SK	5.6	61.2	62.5	65.6	68.4	68.8	68.3	67.2	66.2	66.0	66.0	66.3	66.8
FI	4.0	70.5	71.0	72.5	73.8	73.9	74.0	74.4	74.2	74.3	74.5	74.4	74.6
SE	3.3	74.3	75.1	77.0	77.3	77.1	77.0	77.0	77.1	77.4	77.5	77.4	77.6
UK	2.9	71.5	71.6	72.7	73.0	72.9	73.2	73.8	74.2	74.3	74.3	74.3	74.4
NO	-2.1	76.8	75.1	75.1	75.1	74.9	74.7	74.6	74.8	74.8	74.8	74.7	74.8
EU27	4.4	65.5	66.6	68.2	69.0	69.1	69.2	69.4	69.5	69.6	69.7	69.8	69.9
EA16	4.6	65.5	66.5	68.5	69.5	69.6	70.0	70.3	70.4	70.4	70.3	70.2	70.1
EU15	4.5	66.7	67.6	69.5	70.3	70.4	70.8	71.2	71.4	71.4	71.4	71.3	71.2
EU12	4.0	59.9	62.1	64.0	64.9	64.9	64.2	63.6	63.3	63.4	63.6	63.9	63.9
EU25	4.9	65.6	66.8	68.7	69.5	69.7	70.0	70.2	70.4	70.5	70.5	70.5	70.5
EA12	4.6	65.5	66.6	68.6	69.5	69.6	70.0	70.4	70.5	70.5	70.4	70.3	70.1
EU10	5.4	59.9	62.4	64.4	65.6	65.9	65.6	64.9	64.5	64.7	65.0	65.1	65.2

Source: Commission services.

Table A 41 - Employment rate (20-64) (percent)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	3.4	67.9	68.5	70.2	70.9	70.8	70.9	71.2	71.3	71.2	71.1	71.1	71.3
BG	3.6	67.9	69.7	70.9	71.7	71.7	71.0	70.0	69.4	69.4	69.5	70.7	71.5
CZ	4.0	72.2	73.5	74.7	75.6	75.4	74.7	74.6	74.0	75.0	75.4	75.6	76.2
DK	1.1	79.2	79.3	79.3	79.0	79.0	78.9	79.8	80.2	80.8	80.6	80.3	80.3
DE	5.3	73.6	74.9	76.8	77.7	77.3	78.0	79.1	79.2	78.9	78.7	78.7	78.9
EE	1.4	76.8	77.7	77.4	78.0	78.2	78.0	77.4	77.0	76.6	76.4	77.4	78.2
IE	4.0	73.8	74.7	76.2	76.9	77.2	77.4	77.3	77.1	77.0	77.5	77.7	77.8
EL	3.8	66.0	67.1	68.8	69.7	69.6	68.9	68.7	68.8	69.1	69.8	69.9	69.8
ES	8.2	69.5	70.7	73.5	75.4	75.9	76.5	76.8	76.9	77.2	77.6	77.7	77.7
FR	2.8	70.4	69.8	71.0	72.1	72.3	72.4	72.6	73.2	73.0	73.0	73.2	73.1
IT	5.7	62.9	64.2	66.1	67.0	67.6	68.0	68.1	68.3	68.6	68.7	68.6	68.6
CY	5.1	76.2	78.5	80.0	81.0	81.6	81.8	81.6	81.2	80.7	80.8	81.0	81.3
LV	0.6	75.4	76.3	76.4	76.1	75.5	75.7	75.0	74.8	74.1	72.9	73.7	76.0
LT	-1.7	73.0	73.9	73.6	73.3	72.6	72.2	71.6	71.3	70.6	69.9	70.3	71.3
LU	0.4	69.0	69.6	69.8	69.4	69.1	69.3	69.9	70.1	70.0	69.8	69.5	69.4
HU	3.7	62.5	63.9	65.6	67.3	67.9	67.0	65.9	65.1	65.6	65.7	65.8	66.2
MT	4.3	59.4	59.0	60.5	62.0	63.3	64.4	64.1	63.6	63.5	63.4	63.4	63.7
NL	1.7	78.0	78.2	78.9	78.9	78.8	79.0	79.8	80.6	80.4	80.0	79.7	79.7
AT	2.9	74.4	75.0	75.2	75.3	75.1	75.9	77.1	77.6	77.2	77.1	77.0	77.3
PL	4.3	63.0	65.7	65.8	66.4	68.4	68.6	67.1	65.8	65.3	65.8	66.6	67.2
PT	4.1	72.7	74.2	75.6	76.5	76.5	76.6	76.5	76.4	76.6	76.9	76.9	76.7
RO	-2.7	64.5	64.7	65.0	65.1	64.7	62.7	61.7	60.9	60.6	60.6	61.7	61.8
SI	1.0	72.6	72.7	73.0	74.0	73.7	73.0	72.4	71.7	71.9	72.7	73.5	73.6
SK	4.3	67.7	68.6	70.6	73.1	73.9	73.6	72.1	70.8	70.4	70.5	71.1	72.0
FI	4.3	75.0	75.4	76.8	78.2	78.6	78.8	79.3	79.1	79.1	79.2	79.1	79.4
SE	3.1	80.2	80.9	81.8	82.4	82.6	82.5	82.8	83.0	82.9	82.8	82.8	83.3
UK	3.0	75.3	75.2	76.2	76.3	76.5	77.0	77.8	78.2	78.1	78.1	78.1	78.3
NO	-2.3	81.0	79.3	79.1	78.9	78.8	78.6	78.6	78.9	78.9	78.8	78.6	78.7
EU27	4.5	70.1	71.0	72.4	73.2	73.5	73.7	73.9	74.0	74.0	74.2	74.4	74.6
EA16	4.7	70.1	70.9	72.7	73.7	73.8	74.2	74.5	74.7	74.7	74.8	74.8	74.8
EU15	4.5	71.3	71.9	73.5	74.4	74.5	74.9	75.4	75.7	75.7	75.7	75.7	75.8
EU12	2.6	65.8	67.4	68.0	68.7	69.4	68.9	67.8	66.9	66.8	67.0	67.8	68.4
EU25	4.7	70.4	71.3	72.7	73.6	73.9	74.2	74.5	74.6	74.6	74.7	74.9	75.1
EA12	4.7	70.1	70.9	72.7	73.7	73.8	74.2	74.6	74.8	74.8	74.8	74.8	74.9
EU10	3.9	66.0	67.9	68.5	69.5	70.6	70.5	69.4	68.4	68.2	68.6	69.2	69.9

Source: Commission services.

Table A 42 - Employment rate (15-71) (percent)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	1.3	57.2	57.9	58.9	59.2	58.5	58.1	58.3	58.7	59.0	58.8	58.6	58.5
BG	1.1	57.0	59.4	60.7	60.6	60.1	59.6	58.9	57.7	57.0	56.6	56.9	58.0
CZ	1.6	61.8	62.8	63.9	64.5	64.0	63.9	63.4	62.4	62.0	62.9	63.1	63.4
DK	0.5	71.5	70.7	69.4	69.6	69.9	69.8	70.3	71.2	72.2	72.9	72.6	72.0
DE	5.2	62.1	63.9	67.0	67.3	66.5	66.0	66.5	67.8	68.6	67.9	67.4	67.3
EE	-1.0	64.8	67.5	67.9	66.7	65.7	65.3	65.3	65.0	64.6	63.5	62.7	63.8
IE	1.3	65.8	66.7	67.4	67.7	67.7	67.5	67.3	67.0	66.4	65.9	66.5	67.1
EL	1.3	56.2	57.6	58.8	59.2	58.2	57.3	56.7	56.3	56.3	56.6	57.3	57.5
ES	4.0	60.8	62.0	64.0	65.2	64.7	64.4	64.2	63.6	62.9	63.4	64.3	64.8
FR	0.8	59.8	59.8	59.6	59.6	59.7	59.6	59.7	60.3	60.6	60.5	60.5	60.6
IT	3.7	53.3	54.5	56.1	56.7	57.0	56.7	56.1	56.1	56.5	57.1	57.2	57.0
CY	2.9	65.9	68.1	70.1	71.1	70.9	70.4	70.5	70.3	69.6	68.9	68.7	68.9
LV	-3.3	63.8	66.2	67.2	65.4	63.6	62.9	62.7	62.5	61.8	59.5	58.2	60.5
LT	-2.7	60.3	62.1	64.1	64.1	62.6	60.7	60.0	59.9	59.9	58.6	57.3	57.6
LU	-2.0	58.9	59.2	58.9	58.1	57.4	56.9	56.9	57.3	57.6	57.5	57.3	56.9
HU	1.3	52.5	53.6	55.6	56.4	56.4	56.7	55.6	54.1	53.3	53.6	53.8	53.8
MT	0.5	51.7	51.3	50.9	52.2	53.2	54.3	54.9	54.3	53.2	52.7	52.3	52.2
NL	-0.8	70.8	70.8	70.3	70.0	69.7	69.2	69.3	70.3	71.3	71.0	70.4	70.0
AT	1.6	65.6	65.6	66.6	66.7	66.3	65.6	66.2	67.4	67.9	67.6	67.2	67.2
PL	1.1	53.6	56.8	56.9	56.1	56.8	57.5	57.4	56.1	54.7	53.9	53.9	54.7
PT	3.5	63.8	65.4	66.7	67.2	67.4	67.4	67.4	67.2	67.0	67.1	67.3	67.3
RO	-2.9	56.1	57.4	58.0	57.6	57.0	56.0	54.7	53.4	53.0	52.6	52.8	53.2
SI	-1.9	63.1	63.1	63.4	63.1	62.2	61.5	60.8	60.5	60.0	60.0	60.6	61.2
SK	2.1	57.3	58.6	61.3	63.6	63.3	63.1	62.2	60.8	59.3	58.8	58.8	59.4
FI	2.1	65.0	65.3	64.8	65.8	66.5	66.7	67.1	67.7	67.6	67.3	67.1	67.1
SE	1.4	68.8	69.2	70.2	71.1	71.1	70.9	70.4	70.7	71.2	71.4	70.7	70.3
UK	2.4	66.6	66.6	66.9	67.3	67.3	67.3	67.7	68.8	69.8	69.5	69.1	69.0
NO	-4.8	72.6	70.6	69.2	69.1	68.8	68.3	67.8	67.8	68.3	68.5	68.2	67.8
EU27	2.8	60.3	61.5	62.6	62.9	62.8	62.6	62.5	62.7	63.0	62.9	63.0	63.1
EA16	3.3	59.9	61.0	62.5	63.1	62.8	62.6	62.7	63.0	63.2	63.1	63.1	63.2
EU15	3.4	61.2	62.2	63.4	64.0	63.8	63.6	63.8	64.3	64.7	64.7	64.6	64.6
EU12	1.0	56.1	58.3	59.1	59.2	59.2	59.1	58.5	57.5	56.7	56.4	56.5	57.2
EU25	3.4	60.4	61.6	62.7	63.3	63.1	63.0	63.2	63.4	63.7	63.6	63.6	63.7
EA12	3.3	59.9	61.1	62.5	63.1	62.8	62.5	62.7	63.1	63.3	63.2	63.2	63.2
EU10	1.9	55.9	58.4	59.2	59.4	59.6	59.8	59.4	58.3	57.5	57.2	57.3	57.8

Source: Commission services.

Table A 43 - Unemployment rate (15-64) (percent)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	-1.3	7.5	7.4	6.8	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
BG	-2.3	7.0	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
CZ	-0.9	5.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
DK	-0.6	3.9	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
DE	-2.5	8.7	8.0	7.1	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
EE	-1.3	4.8	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
IE	0.4	4.7	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
EL	-2.3	8.5	8.1	7.1	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
ES	-2.1	8.3	8.8	7.5	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
FR	-1.8	8.0	7.8	7.0	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
IT	-0.4	6.2	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
CY	-0.9	4.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
LV	-1.2	6.1	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
LT	-0.9	4.4	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
LU	0.4	4.2	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
HU	-1.2	7.4	7.7	7.0	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
MT	0.0	6.2	6.3	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
NL	-0.2	3.2	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
AT	-0.2	4.5	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
PL	-3.9	9.8	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
PT	-2.3	8.5	7.7	6.9	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
RO	-0.8	6.8	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
SI	-0.3	4.9	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
SK	-4.9	11.1	11.0	8.6	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
FI	-1.2	7.0	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
SE	-0.3	6.2	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
UK	0.0	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
NO	1.6	2.5	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
EU27	-1.5	7.2	6.6	6.2	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
EA16	-1.7	7.6	7.2	6.6	5.9	5.9	5.9	5.9	5.9	5.8	5.8	5.8	5.8
EU15	-1.4	7.1	6.8	6.3	5.8	5.8	5.8	5.8	5.7	5.7	5.7	5.7	5.7
EU12	-2.4	7.9	5.9	5.7	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
EU25	-1.6	7.3	6.7	6.2	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
EA12	-1.7	7.5	7.2	6.5	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
EU10	-2.8	8.3	6.1	5.8	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.4

Source: Commission services.

Table A 44 – Employment 15-64 (millions people)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	0.3	4.3	4.5	4.7	4.7	4.7	4.7	4.6	4.7	4.7	4.7	4.7	4.7
BG	-1.4	3.3	3.4	3.3	3.1	3.0	2.8	2.7	2.5	2.3	2.2	2.0	1.9
CZ	-1.2	4.9	5.0	5.0	4.8	4.7	4.6	4.5	4.3	4.1	3.9	3.7	3.6
DK	-0.1	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
DE	-8.9	38.0	38.6	39.5	39.0	37.4	35.6	34.1	33.2	32.4	31.3	30.1	29.1
EE	-0.2	0.6	0.7	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5
IE	0.8	2.0	2.2	2.4	2.5	2.7	2.8	2.8	2.8	2.8	2.8	2.8	2.8
EL	-0.6	4.6	4.7	4.8	4.9	4.8	4.7	4.5	4.4	4.2	4.1	4.0	4.0
ES	0.5	20.1	21.3	23.0	24.1	24.3	24.3	23.9	23.0	21.9	21.2	20.8	20.6
FR	1.7	26.0	26.2	26.6	26.8	26.8	26.9	26.9	27.1	27.2	27.3	27.5	27.7
IT	-2.0	22.9	23.6	24.3	24.6	24.6	24.2	23.4	22.6	22.0	21.6	21.2	20.9
CY	0.2	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6
LV	-0.4	1.1	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.7	0.7	0.6
LT	-0.6	1.5	1.5	1.5	1.5	1.4	1.3	1.2	1.2	1.1	1.0	0.9	0.9
LU	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3
HU	-1.0	4.0	4.0	4.1	4.0	3.9	3.8	3.7	3.5	3.3	3.2	3.1	2.9
MT	0.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
NL	-0.9	8.4	8.5	8.5	8.4	8.2	8.0	7.8	7.8	7.8	7.7	7.6	7.5
AT	-0.2	4.0	4.1	4.2	4.2	4.2	4.1	4.0	4.0	4.0	3.9	3.9	3.8
PL	-5.2	15.4	16.4	16.3	15.8	15.4	15.0	14.4	13.6	12.6	11.7	10.8	10.2
PT	-0.3	4.8	5.0	5.1	5.2	5.2	5.1	5.1	4.9	4.8	4.7	4.6	4.5
RO	-3.6	8.8	9.0	8.9	8.6	8.2	7.9	7.4	6.9	6.4	5.9	5.5	5.2
SI	-0.3	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.7	0.7	0.7	0.7
SK	-0.8	2.4	2.5	2.5	2.6	2.5	2.4	2.3	2.1	2.0	1.8	1.7	1.6
FI	-0.2	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.3
SE	0.4	4.4	4.6	4.7	4.7	4.7	4.8	4.8	4.8	4.9	4.9	4.8	4.8
UK	4.6	28.9	29.4	30.2	30.7	31.0	31.4	31.8	32.5	33.2	33.5	33.4	33.5
NO	0.2	2.4	2.4	2.4	2.5	2.5	2.5	2.5	2.5	2.6	2.6	2.6	2.6
EU27	-19.4	217.4	223.2	228.4	229.1	226.5	222.7	218.3	214.1	209.8	205.3	201.0	198.0
EA16	-10.6	141.7	145.4	149.9	151.3	149.6	146.9	143.7	140.8	137.9	135.2	132.8	131.1
EU15	-4.8	174.0	178.1	183.4	185.3	184.1	181.8	179.1	177.1	175.2	173.0	170.7	169.2
EU12	-14.6	43.5	45.0	45.0	43.8	42.4	41.0	39.2	37.0	34.6	32.3	30.3	28.9
EU25	-14.4	205.3	210.8	216.2	217.3	215.2	212.0	208.2	204.7	201.1	197.2	193.5	190.9
EA12	-9.7	137.9	141.4	145.7	147.2	145.6	143.0	139.9	137.1	134.4	131.9	129.7	128.1
EU10	-9.6	31.3	32.7	32.8	32.0	31.1	30.3	29.1	27.6	25.9	24.3	22.8	21.7

Source: Commission services.

Table A 45 – Share of young (15-24) (as % of employment aged 15-64)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	0%	8%	8%	9%	8%	8%	9%	9%	9%	9%	9%	9%	9%
BG	-1%	8%	9%	7%	6%	6%	7%	7%	7%	7%	7%	7%	7%
CZ	-1%	8%	8%	7%	6%	6%	7%	7%	7%	7%	6%	7%	7%
DK	2%	15%	16%	17%	17%	17%	17%	16%	17%	17%	17%	17%	17%
DE	-1%	11%	11%	10%	10%	10%	10%	10%	10%	11%	11%	11%	11%
EE	-2%	11%	12%	9%	8%	8%	10%	10%	10%	9%	9%	9%	10%
IE	-2%	16%	14%	13%	13%	13%	14%	14%	14%	13%	13%	13%	13%
EL	0%	7%	7%	6%	6%	6%	7%	7%	7%	7%	7%	7%	7%
ES	0%	10%	9%	9%	8%	9%	10%	10%	9%	9%	9%	10%	10%
FR	1%	10%	10%	10%	10%	10%	10%	11%	10%	10%	10%	10%	10%
IT	0%	7%	7%	6%	6%	6%	6%	6%	6%	6%	6%	6%	7%
CY	-3%	13%	12%	11%	9%	9%	9%	10%	10%	10%	9%	9%	9%
LV	-3%	13%	13%	10%	8%	9%	10%	10%	10%	9%	9%	9%	10%
LT	-2%	9%	10%	9%	7%	6%	6%	7%	7%	7%	7%	7%	7%
LU	1%	6%	7%	7%	7%	7%	7%	7%	7%	7%	7%	7%	7%
HU	-1%	7%	7%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%
MT	-5%	18%	17%	16%	14%	13%	13%	13%	13%	13%	13%	13%	13%
NL	0%	16%	17%	17%	17%	17%	16%	16%	16%	17%	17%	17%	16%
AT	-1%	14%	14%	14%	13%	13%	13%	13%	14%	14%	14%	14%	14%
PL	-3%	11%	10%	9%	7%	7%	7%	8%	8%	7%	7%	7%	7%
PT	-1%	9%	9%	8%	8%	8%	8%	8%	8%	8%	8%	8%	9%
RO	-2%	9%	9%	7%	6%	6%	7%	7%	7%	7%	7%	7%	7%
SI	-1%	10%	9%	8%	8%	8%	9%	9%	9%	9%	9%	9%	9%
SK	-3%	10%	9%	8%	7%	6%	7%	7%	7%	7%	7%	7%	7%
FI	0%	12%	12%	13%	12%	12%	12%	13%	13%	12%	12%	12%	12%
SE	1%	11%	12%	13%	10%	11%	12%	12%	12%	12%	11%	11%	12%
UK	-1%	15%	15%	14%	13%	13%	14%	14%	14%	14%	14%	13%	14%
NO	0%	13%	14%	14%	14%	13%	13%	14%	14%	14%	14%	14%	14%
EU27	0%	11%	11%	10%	9%	10%	10%	10%	10%	10%	10%	10%	10%
EA16	0%	10%	10%	10%	9%	9%	10%	10%	10%	10%	10%	10%	10%
EU15	0%	11%	11%	11%	10%	10%	11%	11%	11%	11%	11%	11%	11%
EU12	-2%	9%	9%	8%	7%	6%	7%	7%	7%	7%	7%	7%	7%
EU25	0%	11%	11%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%
EA12	0%	10%	10%	10%	9%	9%	10%	10%	10%	10%	10%	10%	10%
EU10	-2%	10%	10%	8%	7%	7%	7%	7%	7%	7%	7%	7%	7%

Source: Commission services.

Table A 46 – Share of prime age (25-54) (as % of employment aged 15-64)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	-5%	82%	80%	78%	77%	76%	76%	77%	77%	77%	77%	77%	77%
BG	-1%	78%	78%	79%	80%	79%	77%	75%	74%	74%	75%	78%	77%
CZ	-4%	78%	77%	77%	79%	78%	75%	70%	70%	71%	71%	73%	74%
DK	-4%	70%	69%	68%	67%	66%	66%	67%	68%	67%	66%	65%	66%
DE	-7%	76%	75%	72%	69%	67%	69%	71%	70%	68%	68%	68%	69%
EE	0%	75%	73%	75%	76%	75%	73%	72%	70%	69%	71%	74%	74%
IE	-3%	73%	74%	74%	73%	72%	70%	68%	67%	68%	70%	70%	70%
EL	-5%	81%	81%	80%	79%	77%	75%	74%	74%	75%	76%	77%	76%
ES	-9%	79%	79%	78%	75%	72%	68%	66%	67%	69%	70%	71%	70%
FR	-3%	80%	79%	78%	77%	76%	75%	76%	76%	76%	77%	77%	76%
IT	-11%	83%	81%	79%	76%	72%	69%	70%	72%	73%	72%	72%	72%
CY	-1%	75%	76%	76%	77%	77%	77%	75%	73%	72%	73%	73%	74%
LV	1%	74%	73%	75%	76%	76%	74%	73%	71%	68%	70%	75%	75%
LT	-3%	78%	77%	76%	76%	77%	76%	76%	74%	71%	71%	73%	76%
LU	-6%	86%	84%	82%	81%	80%	81%	81%	81%	81%	81%	80%	80%
HU	-6%	83%	80%	79%	81%	80%	78%	74%	75%	76%	76%	77%	77%
MT	-3%	72%	73%	73%	73%	74%	72%	69%	68%	67%	67%	68%	69%
NL	-3%	72%	70%	69%	68%	68%	69%	71%	71%	69%	69%	68%	68%
AT	-6%	77%	76%	75%	73%	71%	71%	72%	71%	71%	70%	71%	71%
PL	-4%	81%	80%	80%	82%	82%	79%	76%	73%	73%	74%	76%	77%
PT	-6%	78%	78%	77%	75%	74%	72%	70%	70%	72%	72%	72%	72%
RO	-5%	80%	78%	79%	80%	78%	75%	74%	73%	72%	73%	75%	76%
SI	-6%	82%	81%	79%	78%	77%	75%	74%	73%	74%	75%	76%	76%
SK	-6%	81%	79%	78%	80%	80%	78%	74%	72%	72%	73%	75%	76%
FI	-1%	72%	70%	70%	70%	70%	71%	71%	70%	70%	69%	70%	71%
SE	1%	70%	69%	70%	72%	70%	69%	70%	70%	69%	68%	70%	71%
UK	-1%	71%	71%	71%	71%	70%	69%	70%	70%	68%	68%	68%	69%
NO	-1%	70%	70%	70%	70%	69%	68%	69%	70%	69%	69%	69%	69%
EU27	-5%	77%	77%	75%	74%	73%	72%	71%	71%	71%	71%	72%	72%
EA16	-6%	78%	78%	76%	74%	72%	71%	71%	71%	71%	72%	72%	72%
EU15	-5%	77%	76%	75%	73%	71%	70%	71%	71%	71%	71%	71%	71%
EU12	-4%	80%	79%	79%	80%	80%	77%	74%	73%	72%	73%	75%	76%
EU25	-5%	77%	77%	75%	74%	72%	71%	71%	71%	71%	71%	72%	72%
EA12	-6%	78%	78%	76%	74%	72%	71%	71%	71%	71%	72%	72%	72%
EU10	-4%	80%	79%	79%	80%	80%	78%	74%	73%	72%	73%	75%	76%

Source: Commission services.

Table A 47 – Share of older (55-64) (as % of employment aged 15-64)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	4%	10%	11%	13%	15%	15%	15%	14%	14%	15%	15%	15%	14%
BG	2%	13%	14%	14%	14%	15%	16%	18%	19%	19%	18%	15%	15%
CZ	5%	14%	15%	16%	15%	15%	18%	23%	23%	22%	23%	20%	19%
DK	2%	15%	15%	15%	16%	17%	17%	17%	15%	15%	17%	18%	17%
DE	8%	13%	14%	18%	21%	23%	21%	19%	20%	22%	22%	21%	21%
EE	2%	14%	15%	15%	17%	17%	17%	18%	20%	22%	21%	16%	16%
IE	6%	11%	12%	13%	14%	15%	16%	18%	20%	19%	17%	17%	17%
EL	4%	12%	12%	14%	15%	17%	18%	19%	19%	18%	17%	16%	16%
ES	9%	11%	11%	14%	16%	19%	22%	24%	24%	22%	20%	20%	20%
FR	3%	11%	11%	12%	13%	14%	14%	13%	13%	14%	13%	13%	13%
IT	11%	10%	12%	15%	18%	22%	24%	24%	22%	21%	21%	21%	22%
CY	4%	12%	12%	13%	14%	14%	14%	15%	17%	18%	18%	17%	16%
LV	2%	14%	13%	15%	16%	16%	16%	17%	19%	22%	21%	16%	15%
LT	5%	12%	13%	15%	17%	17%	17%	17%	19%	22%	23%	20%	17%
LU	5%	8%	9%	11%	12%	13%	12%	12%	12%	12%	12%	12%	12%
HU	6%	10%	13%	15%	14%	14%	17%	20%	19%	18%	19%	17%	17%
MT	7%	11%	10%	11%	13%	13%	15%	18%	19%	20%	20%	19%	18%
NL	3%	12%	13%	14%	15%	16%	15%	14%	13%	14%	15%	15%	15%
AT	6%	9%	9%	11%	14%	16%	16%	14%	15%	16%	16%	16%	15%
PL	8%	8%	10%	11%	11%	11%	14%	17%	19%	20%	19%	17%	16%
PT	7%	13%	14%	15%	17%	18%	20%	21%	21%	20%	19%	19%	20%
RO	7%	11%	12%	14%	13%	16%	18%	19%	20%	21%	20%	18%	17%
SI	6%	8%	9%	13%	15%	16%	16%	17%	18%	18%	16%	15%	14%
SK	8%	9%	12%	13%	14%	14%	16%	19%	21%	21%	21%	19%	17%
FI	1%	16%	17%	18%	18%	18%	17%	17%	18%	18%	18%	18%	17%
SE	-2%	19%	18%	18%	18%	19%	19%	18%	18%	19%	21%	19%	17%
UK	3%	14%	14%	15%	16%	17%	17%	16%	16%	18%	19%	18%	17%
NO	1%	16%	16%	16%	17%	18%	18%	17%	16%	17%	17%	18%	17%
EU27	6%	12%	13%	14%	16%	18%	18%	18%	19%	19%	19%	18%	18%
EA16	7%	11%	12%	15%	17%	19%	19%	19%	19%	19%	18%	18%	18%
EU15	6%	12%	13%	15%	17%	19%	19%	18%	18%	19%	19%	18%	18%
EU12	6%	10%	12%	13%	13%	14%	16%	18%	20%	21%	20%	18%	17%
EU25	6%	12%	13%	15%	16%	18%	18%	18%	19%	19%	19%	18%	18%
EA12	7%	11%	12%	15%	17%	19%	20%	19%	19%	19%	18%	18%	18%
EU10	7%	10%	11%	13%	13%	13%	15%	18%	20%	20%	20%	18%	17%

Source: Commission services.

Table A 48 – Share of older population (55-64) (population 55 to 64 as % of total population 15-64)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	2.1	17.6	18.6	19.7	21.1	21.3	20.6	19.8	19.7	20.1	20.5	20.2	19.7
BG	1.7	19.1	19.9	20.3	20.4	20.7	22.2	24.6	25.9	26.6	25.6	21.9	20.8
CZ	1.1	19.4	20.2	19.8	19.0	19.1	21.8	25.6	25.9	24.7	24.5	22.1	20.5
DK	-0.1	20.2	20.0	19.3	20.3	21.4	21.3	19.9	18.0	17.8	19.5	20.5	20.2
DE	5.2	17.2	18.0	20.7	23.9	26.2	24.1	21.3	21.7	23.3	23.6	23.0	22.5
EE	2.1	16.2	17.5	19.1	20.0	19.4	19.7	20.7	22.5	25.4	24.4	19.9	18.4
IE	3.8	14.2	14.6	14.9	15.6	16.4	17.5	19.4	21.3	20.9	19.0	18.0	18.0
EL	3.9	17.1	18.0	19.2	20.4	22.0	23.5	24.4	24.6	23.1	21.6	21.0	21.0
ES	5.1	15.5	15.8	17.1	19.2	21.2	23.1	25.1	25.1	23.2	21.4	20.3	20.5
FR	1.2	17.9	19.3	19.8	20.1	20.4	20.4	19.4	18.9	19.4	19.2	18.8	19.1
IT	4.2	18.2	18.7	19.3	21.6	24.1	25.3	24.9	23.3	22.2	22.1	22.1	22.4
CY	4.2	15.1	15.5	16.4	17.4	17.2	17.1	18.1	20.3	21.6	21.5	20.7	19.4
LV	3.4	16.0	16.5	18.6	20.4	20.3	20.5	21.4	23.7	27.4	27.3	22.0	19.4
LT	6.6	15.2	15.4	17.7	20.5	21.5	21.3	21.0	22.3	26.1	27.9	25.5	21.8
LU	4.1	15.4	16.3	17.7	19.3	20.4	19.8	18.7	18.4	18.3	18.7	19.4	19.5
HU	3.4	18.1	19.3	20.3	18.5	18.3	20.7	24.1	24.6	23.5	23.7	22.6	21.5
MT	2.9	19.4	20.3	20.3	20.5	19.1	19.0	21.4	23.4	24.2	24.8	24.2	22.3
NL	2.9	18.5	19.4	19.9	21.4	22.6	22.1	19.9	18.7	19.5	20.6	21.0	21.3
AT	4.3	16.6	16.7	18.4	21.5	23.5	22.6	20.4	20.4	21.3	21.8	21.7	20.9
PL	6.6	15.5	18.1	20.7	20.0	18.2	19.1	22.3	26.0	27.6	26.8	24.5	22.2
PT	4.9	17.1	17.7	18.7	19.9	20.9	22.0	23.6	23.9	22.6	21.6	21.4	22.0
RO	7.1	15.3	16.9	18.9	17.7	19.2	22.3	24.1	25.3	27.2	26.3	23.0	22.5
SI	3.9	16.8	18.2	21.0	21.9	22.4	22.7	23.9	25.4	25.2	23.5	21.5	20.6
SK	7.7	15.1	16.9	19.1	19.3	18.9	20.3	24.0	26.5	27.3	27.1	25.0	22.8
FI	-0.9	20.6	22.2	21.6	21.5	21.3	19.7	19.4	20.6	20.7	21.1	20.8	19.7
SE	-2.0	20.4	19.7	18.7	19.1	20.1	20.2	19.2	18.7	19.9	21.5	20.1	18.3
UK	0.7	17.8	17.8	17.5	19.0	20.1	19.3	17.5	17.7	19.5	20.2	19.6	18.5
NO	1.6	18.0	18.4	18.4	19.0	20.0	20.7	19.6	18.7	19.0	19.9	20.2	19.6
EU27	3.3	17.3	18.1	19.2	20.5	21.6	21.9	21.7	21.8	22.2	22.0	21.1	20.6
EA16	3.7	17.3	18.1	19.4	21.2	22.7	22.8	22.2	21.9	21.9	21.5	21.0	21.0
EU15	2.9	17.5	18.1	19.1	20.8	22.3	22.2	21.3	21.0	21.2	21.2	20.7	20.4
EU12	5.3	16.4	18.1	19.9	19.3	19.0	20.6	23.4	25.4	26.5	25.9	23.4	21.7
EU25	3.2	17.3	18.2	19.3	20.7	21.7	21.9	21.5	21.6	22.0	21.8	21.1	20.6
EA12	3.6	17.3	18.1	19.4	21.3	22.8	22.9	22.2	21.8	21.7	21.4	21.0	21.0
EU10	5.1	16.4	18.3	20.2	19.7	18.7	20.0	23.0	25.4	26.3	25.9	23.6	21.6

Source: Commission services.

Table A 49 – Old-age dependency ratio (population 65+ as % of population 15-64)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	20	26	26	28	31	34	38	40	42	43	44	45	46
BG	39	25	25	28	31	34	36	39	44	50	55	61	64
CZ	41	20	22	26	31	34	36	38	43	50	55	59	61
DK	19	23	25	29	32	34	38	41	43	43	41	41	43
DE	29	30	31	32	35	40	46	53	55	55	56	58	59
EE	30	25	25	27	29	32	34	36	39	42	47	54	56
IE	27	16	17	18	20	22	25	27	31	35	40	43	44
EL	29	28	28	31	33	35	38	43	48	53	57	58	57
ES	35	24	24	26	27	30	34	40	46	54	59	60	59
FR	20	25	26	29	33	36	39	42	44	44	45	45	45
IT	29	30	31	34	35	38	42	48	54	58	59	59	59
CY	27	18	18	20	22	25	27	29	31	33	38	41	44
LV	40	25	25	26	28	31	35	37	41	45	51	60	64
LT	43	23	23	24	26	30	35	39	43	46	51	59	66
LU	18	21	21	22	24	27	31	34	36	37	38	38	39
HU	34	23	24	26	30	33	34	36	40	47	51	54	58
MT	40	19	21	27	31	36	39	40	42	45	50	54	59
NL	26	21	23	27	31	35	40	45	47	46	46	46	47
AT	26	25	26	27	29	33	38	43	46	47	48	49	51
PL	50	19	19	22	27	33	36	38	41	47	56	63	69
PT	29	26	27	29	31	33	37	40	45	49	53	54	55
RO	44	21	21	23	26	29	30	35	41	48	54	63	65
SI	40	23	24	26	31	36	41	45	49	55	59	62	62
SK	52	16	17	19	24	28	32	35	40	48	55	63	68
FI	25	25	26	32	37	41	44	46	45	46	47	48	49
SE	20	26	28	32	34	35	37	40	41	41	42	44	47
UK	18	24	25	27	29	30	33	36	37	37	38	40	42
NO	22	22	23	26	28	31	34	38	40	41	41	42	44
EU27	28	25	26	28	31	34	38	42	45	48	50	52	53
EA16	27	27	28	30	32	36	40	45	48	51	53	54	54
EU15	25	26	27	30	32	35	39	43	46	48	50	51	51
EU12	44	21	21	23	28	32	34	37	41	48	54	61	65
EU25	28	25	26	29	31	34	38	42	46	48	50	52	53
EA12	27	27	28	30	33	36	40	45	49	51	53	54	54
EU10	45	20	21	23	28	32	35	38	41	47	54	60	65

Source: Commission services.

Table A 50 – Total dependency ratio (population 15- and 64+ as % of pop. 15-64)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	21	52	52	54	57	60	64	67	69	70	71	72	73
BG	41	44	45	49	53	55	56	58	63	71	77	84	86
CZ	44	40	42	48	54	55	56	57	62	71	77	82	84
DK	19	51	53	56	58	61	66	70	72	71	69	68	70
DE	31	51	52	52	55	60	67	75	76	76	78	80	82
EE	34	47	47	51	55	58	58	58	61	66	72	80	81
IE	27	46	47	50	52	53	54	55	58	64	70	73	73
EL	32	49	50	53	55	57	59	64	70	76	81	81	80
ES	37	45	46	49	51	52	55	60	68	77	83	84	83
FR	21	53	54	59	62	65	68	71	74	74	74	75	74
IT	30	51	52	55	56	58	62	69	75	80	82	82	81
CY	27	43	42	44	48	51	53	53	54	57	62	67	70
LV	42	45	45	48	51	54	56	57	60	65	73	83	87
LT	43	46	44	45	48	52	57	59	63	66	72	82	89
LU	18	48	48	48	50	53	57	62	64	64	64	65	66
HU	35	45	46	48	53	55	55	57	61	68	73	77	81
MT	39	43	44	48	54	59	62	61	62	66	71	77	82
NL	25	48	49	52	55	60	66	72	74	72	71	71	73
AT	27	48	48	49	51	55	61	66	69	70	72	73	75
PL	49	41	40	43	49	55	57	57	59	66	76	85	91
PT	29	49	49	51	53	55	58	61	66	72	76	77	77
RO	43	43	43	44	47	50	50	54	60	68	75	84	87
SI	43	43	44	47	53	58	61	66	70	77	83	86	86
SK	51	39	38	40	45	49	52	53	58	66	75	84	90
FI	27	50	51	58	64	69	72	73	72	72	74	75	77
SE	23	52	53	58	62	64	66	68	68	68	70	72	76
UK	20	51	51	54	56	59	62	64	64	64	65	68	70
NO	21	52	51	54	56	60	63	67	69	70	70	71	73
EU27	30	49	49	52	55	58	62	65	69	72	75	77	79
EA16	29	50	51	53	56	59	63	68	72	75	77	79	79
EU15	27	50	51	54	56	59	63	68	71	73	75	76	77
EU12	44	42	42	45	50	54	55	56	60	67	75	83	87
EU25	29	49	49	52	55	58	62	66	69	72	75	77	78
EA12	28	50	51	53	56	59	63	68	73	75	78	79	79
EU10	45	42	41	45	50	55	56	57	60	67	75	83	87

Source: Commission services.

Table A 51 – Total economic dependency ratio (total population-employment as % of employed 15-64)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	19	143	140	137	138	145	150	154	156	158	159	161	162
BG	45	131	123	122	125	130	134	139	147	158	169	176	176
CZ	45	111	108	109	114	119	121	122	130	138	146	153	155
DK	19	95	96	100	104	107	112	115	117	114	112	111	113
DE	22	115	111	106	106	113	120	126	129	130	132	135	137
EE	39	108	101	105	111	115	117	119	122	128	137	146	147
IE	24	109	107	108	109	110	110	111	115	121	129	133	134
EL	36	141	137	136	136	141	146	153	162	170	176	177	177
ES	28	121	118	114	111	112	114	119	129	140	148	151	149
FR	21	137	138	140	143	147	151	155	156	157	158	158	158
IT	24	156	153	149	148	148	152	161	171	177	180	181	181
CY	16	103	95	91	92	95	98	99	100	104	110	115	120
LV	55	108	101	102	110	117	120	123	126	134	150	163	163
LT	58	122	115	110	112	121	130	137	141	147	158	171	180
LU	28	132	131	131	134	140	146	151	154	156	157	158	160
HU	40	153	148	142	143	146	149	154	163	173	181	188	193
MT	42	157	158	158	160	163	163	164	167	173	181	191	199
NL	25	94	93	95	98	104	111	116	118	117	116	117	119
AT	25	106	104	104	106	110	116	120	122	124	127	129	130
PL	55	146	131	132	138	141	144	148	156	167	180	192	201
PT	25	114	111	109	108	109	112	116	122	129	134	137	139
RO	72	138	133	131	135	140	147	157	167	180	193	205	210
SI	60	108	109	111	116	125	133	140	148	156	163	167	168
SK	50	127	120	111	108	113	118	124	133	145	158	170	177
FI	22	112	111	115	120	125	129	130	129	129	130	132	134
SE	19	103	101	102	106	109	112	114	114	114	115	119	122
UK	14	109	109	109	112	115	117	118	118	116	118	121	123
NO	33	95	99	102	105	110	115	120	123	123	124	126	128
EU27	26	125	122	120	122	126	130	135	139	143	146	149	151
EA16	25	127	124	122	122	126	131	136	142	146	149	151	152
EU15	22	123	121	119	120	124	128	133	136	139	142	144	144
EU12	53	136	127	126	130	134	138	143	151	162	173	183	188
EU25	24	125	122	120	121	125	129	134	138	141	145	148	149
EA12	25	127	125	122	122	126	131	137	142	146	149	151	151
EU10	49	135	125	124	129	133	136	140	147	157	168	178	184

Source: Commission services.

Table A 52 – Economic old-age dependency ratio (15-64) (inactive population 65+ as % of employed 15-64)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	27	41	41	42	45	50	56	60	63	64	65	67	68
BG	52	39	38	40	43	47	52	56	63	72	80	88	91
CZ	52	29	31	35	40	45	48	51	57	65	72	77	81
DK	21	28	30	35	40	42	46	49	51	50	49	49	50
DE	32	41	42	42	45	50	57	64	67	68	70	72	73
EE	41	32	31	34	37	41	45	47	51	55	62	70	73
IE	34	21	22	23	25	28	30	34	38	43	50	53	55
EL	43	43	43	46	48	53	58	65	72	79	85	86	86
ES	43	36	36	36	37	41	46	52	61	71	77	80	79
FR	27	38	39	43	48	52	57	61	64	64	65	66	66
IT	39	50	50	53	55	58	64	72	80	86	89	89	89
CY	30	23	23	24	26	29	32	34	37	40	44	49	53
LV	56	32	32	34	38	42	47	51	56	62	72	84	88
LT	59	33	33	32	34	39	47	53	60	65	72	83	92
LU	28	33	33	35	38	42	48	53	56	58	59	59	61
HU	55	36	41	42	46	51	53	57	64	73	80	86	91
MT	61	34	38	46	53	59	63	64	67	73	80	88	95
NL	30	27	28	33	37	42	48	53	56	55	55	56	57
AT	30	34	35	36	38	42	48	54	57	59	61	62	63
PL	74	32	30	34	42	49	54	58	64	73	85	97	106
PT	35	33	34	35	37	40	43	47	53	58	63	66	67
RO	71	28	30	32	35	40	43	51	59	70	81	94	99
SI	56	31	34	37	42	49	56	63	69	76	83	87	87
SK	69	27	27	28	31	38	43	48	55	65	77	88	96
FI	29	34	35	42	47	52	56	58	58	58	59	61	63
SE	22	34	34	37	40	42	45	47	49	49	50	53	56
UK	19	32	32	35	36	39	42	45	46	45	46	48	51
NO	28	27	28	31	35	39	43	47	50	51	52	53	55
EU27	35	37	37	39	42	47	51	57	61	65	68	70	72
EA16	34	39	40	42	44	49	54	60	65	69	71	73	73
EU15	30	38	39	41	43	47	52	57	61	64	66	67	68
EU12	64	31	32	34	40	45	50	54	61	70	80	89	96
EU25	34	37	38	40	43	47	52	57	61	64	67	70	71
EA12	34	40	40	42	45	49	54	60	65	69	71	73	73
EU10	63	32	32	35	40	47	51	55	61	69	79	88	95

Source: Commission services.

Pension expenditure projections

Table A 53 – Social security pensions, gross (as % of GDP)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	4.8	10.0	10.3	10.9	11.8	13.0	13.9	14.4	14.6	14.7	14.7	14.8	14.7
BG	3.0	8.3	9.1	8.6	8.4	8.4	8.6	9.0	9.5	10.1	10.8	11.2	11.3
CZ	3.3	7.8	7.1	6.9	6.9	7.0	7.1	7.6	8.4	9.4	10.2	10.8	11.0
DK	0.1	9.1	9.4	10.2	10.6	10.5	10.6	10.5	10.4	10.0	9.6	9.3	9.2
DE	2.3	10.4	10.2	10.1	10.5	11.0	11.5	11.9	12.1	12.2	12.3	12.5	12.8
EE	-0.7	5.6	6.4	6.2	5.9	5.8	5.6	5.4	5.4	5.3	5.3	5.2	4.9
IE	4.6	4.0	4.1	4.3	4.6	5.0	5.4	5.8	6.4	7.1	8.0	8.4	8.6
EL	12.4	11.7	11.6	12.2	13.2	14.8	17.1	19.4	21.4	23.0	24.0	24.3	24.1
ES	6.7	8.4	8.9	9.2	9.5	10.1	10.8	11.9	13.2	14.6	15.5	15.6	15.1
FR	1.0	13.0	13.5	13.5	13.6	13.9	14.2	14.5	14.4	14.3	14.2	14.1	14.0
IT	-0.4	14.0	14.0	14.0	14.1	14.3	14.8	15.2	15.6	15.4	14.7	14.2	13.6
CY	11.4	6.3	6.9	7.8	8.9	9.8	10.8	11.7	12.8	14.0	15.5	16.8	17.7
LV	-0.4	5.4	5.1	4.8	5.2	5.6	5.9	6.1	6.1	5.9	5.8	5.6	5.1
LT	4.6	6.8	6.5	6.5	6.9	7.6	8.2	8.7	9.1	9.6	10.4	11.0	11.4
LU	15.2	8.7	8.6	8.9	9.9	12.1	14.2	16.6	18.4	20.7	22.1	23.7	23.9
HU	3.0	10.9	11.3	10.9	11.0	10.9	11.0	11.4	12.2	12.7	13.2	13.7	13.8
MT	6.2	7.2	8.3	9.1	9.3	9.1	9.3	9.7	10.5	11.3	12.0	12.7	13.4
NL	4.0	6.6	6.5	7.2	7.8	8.4	9.3	10.0	10.3	10.3	10.3	10.4	10.5
AT	0.9	12.8	12.7	12.8	13.0	13.4	13.8	13.9	13.9	14.0	14.0	13.9	13.6
PL	-2.8	11.6	10.8	9.6	9.7	9.7	9.4	9.3	9.2	9.1	9.1	9.0	8.8
PT	2.1	11.4	11.9	12.1	12.4	12.6	12.6	12.3	12.5	12.8	13.3	13.1	13.4
RO	9.2	6.6	8.4	8.5	8.8	9.4	10.4	11.5	12.6	13.7	14.8	15.3	15.8
SI	8.8	9.9	10.1	10.6	11.1	12.0	13.3	14.7	16.1	17.3	18.2	18.6	18.6
SK	3.4	6.8	6.6	6.3	6.3	6.9	7.3	7.8	8.3	8.8	9.4	9.9	10.2
FI	3.3	10.0	10.7	11.8	12.6	13.4	13.9	13.9	13.6	13.4	13.3	13.3	13.4
SE	-0.1	9.5	9.6	9.5	9.4	9.4	9.5	9.5	9.4	9.1	9.0	9.2	9.4
UK	2.7	6.6	6.7	6.8	6.9	7.2	7.6	7.8	8.0	7.9	8.1	8.6	9.3
NO	4.7	8.9	9.6	10.8	11.5	12.0	12.7	13.2	13.4	13.4	13.3	13.5	13.6
EU27	2.4	10.1	10.2	10.3	10.5	10.9	11.4	11.8	12.1	12.2	12.3	12.4	12.5
EA16	2.8	11.0	11.1	11.2	11.5	12.0	12.6	13.1	13.5	13.8	13.9	13.9	13.8
EU15	2.4	10.2	10.3	10.4	10.7	11.0	11.6	12.0	12.3	12.4	12.4	12.5	12.6
EU12	2.3	9.2	9.2	8.6	8.8	9.0	9.2	9.6	10.1	10.6	11.1	11.4	11.5
EU25	2.3	10.2	10.2	10.3	10.5	10.9	11.4	11.8	12.1	12.2	12.3	12.4	12.5
EA12	2.7	11.1	11.2	11.3	11.6	12.1	12.6	13.2	13.6	13.8	13.9	13.9	13.8
EU10	1.0	9.7	9.3	8.6	8.8	8.9	9.0	9.2	9.6	10.0	10.4	10.6	10.7

Source: Commission services.

Table A 54 – Old-age and early pensions, gross (as % of GDP)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	4.8	9.2	9.5	10.1	11.0	12.2	13.1	13.7	13.9	14.0	14.0	14.1	14.0
BG	3.1	6.8	7.3	7.0	6.9	6.9	7.1	7.5	8.1	8.7	9.4	9.9	10.0
CZ	3.4	7.1	6.5	6.3	6.3	6.4	6.6	7.0	7.9	8.9	9.7	10.2	10.5
DK	-0.4	7.0	7.4	8.2	8.6	8.3	8.3	8.2	8.1	7.8	7.3	6.9	6.7
DE	2.3	10.4	10.2	10.1	10.5	11.0	11.5	11.9	12.1	12.2	12.3	12.5	12.8
EE	-0.5	4.9	5.5	5.2	5.0	5.0	4.8	4.7	4.7	4.7	4.7	4.6	4.3
IE	4.6	2.6	2.7	2.9	3.2	3.5	4.0	4.4	5.0	5.7	6.6	7.0	7.2
EL	9.0	8.8	8.7	9.1	9.9	11.3	13.1	14.9	16.3	17.4	17.9	18.0	17.7
ES	6.6	5.6	6.0	6.3	6.6	7.2	7.8	8.7	10.0	11.5	12.3	12.5	12.1
FR	1.0	13.0	13.5	13.5	13.6	13.9	14.2	14.5	14.4	14.3	14.2	14.1	14.0
IT	-0.2	13.5	13.5	13.5	13.6	13.8	14.4	14.8	15.2	15.1	14.4	13.8	13.3
CY	9.4	4.8	5.3	5.9	6.7	7.4	8.2	9.0	10.0	11.0	12.4	13.4	14.2
LV	0.0	4.8	4.7	4.5	4.8	5.3	5.5	5.7	5.8	5.6	5.5	5.3	4.8
LT	4.7	5.6	5.4	5.4	5.8	6.5	7.1	7.6	7.9	8.4	9.3	10.0	10.3
LU	14.2	5.8	5.8	6.1	7.0	8.9	10.9	13.2	14.9	16.9	18.3	19.8	20.1
HU	3.7	9.0	9.5	9.6	9.9	9.8	9.8	10.2	11.0	11.6	12.1	12.5	12.7
MT	6.9	4.2	5.3	6.2	6.4	6.4	6.7	7.2	8.0	8.9	9.6	10.4	11.1
NL	4.5	4.5	4.5	5.3	5.9	6.6	7.6	8.4	8.8	8.8	8.7	8.8	9.0
AT	1.4	9.5	9.6	9.7	10.1	10.5	10.9	11.1	11.1	11.1	11.1	11.1	11.0
PL	-2.0	9.8	9.3	8.4	8.7	8.8	8.4	8.2	8.1	8.1	8.1	8.1	7.9
PT	1.7	9.1	9.6	9.9	10.2	10.4	10.4	10.1	10.2	10.4	10.8	10.6	10.8
RO	8.9	5.3	6.9	7.1	7.4	8.0	8.8	10.0	11.1	12.3	13.4	13.8	14.2
SI	8.0	7.0	7.3	7.9	8.4	9.3	10.4	11.7	12.9	14.0	14.7	15.0	15.0
SK	1.9	4.3	4.0	3.6	3.6	3.9	4.1	4.4	4.8	5.1	5.6	6.0	6.2
FI	4.5	7.5	8.2	9.5	10.5	11.4	12.1	12.1	11.9	11.7	11.7	11.8	12.0
SE	1.2	7.0	7.2	7.3	7.3	7.4	7.6	7.7	7.8	7.6	7.6	7.9	8.2
UK	3.3	5.8	6.1	6.2	6.5	6.8	7.3	7.5	7.8	7.7	7.9	8.4	9.1
NO	4.7	5.7	6.3	7.6	8.2	8.8	9.4	10.1	10.3	10.3	10.2	10.2	10.4
EU27	2.5	9.1	9.2	9.3	9.6	9.9	10.4	10.8	11.1	11.3	11.4	11.5	11.6
EA16	2.6	10.1	10.2	10.3	10.6	11.0	11.6	12.1	12.5	12.7	12.8	12.8	12.8
EU15	2.5	9.3	9.4	9.5	9.8	10.1	10.6	11.1	11.4	11.5	11.6	11.7	11.7
EU12	2.5	7.7	7.7	7.3	7.5	7.7	7.9	8.2	8.7	9.2	9.7	10.0	10.2
EU25	2.4	9.2	9.3	9.3	9.6	10.0	10.4	10.8	11.2	11.3	11.4	11.5	11.6
EA12	2.6	10.2	10.3	10.4	10.7	11.1	11.7	12.2	12.5	12.8	12.9	12.9	12.8
EU10	1.3	8.1	7.8	7.4	7.6	7.7	7.7	7.9	8.3	8.6	9.0	9.3	9.4

Source: Commission services.

Table A 55 – Earnings-related pensions, gross (as % of GDP)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	4.9	9.1	9.3	10.0	10.9	12.1	13.0	13.6	13.8	13.9	13.9	14.0	14.0
BG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CZ	3.4	7.1	6.5	6.3	6.3	6.4	6.6	7.0	7.9	8.9	9.7	10.2	10.5
DK	:	:	:	:	:	:	:	:	:	:	:	:	:
DE	2.3	10.4	10.2	10.1	10.5	11.0	11.5	11.9	12.1	12.2	12.3	12.5	12.8
EE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IE	:	:	:	:	:	:	:	:	:	:	:	:	:
EL	9.9	7.6	7.7	8.3	9.3	10.8	12.7	14.5	16.0	17.0	17.6	17.7	17.5
ES	:	:	:	:	:	:	:	:	:	:	:	:	:
FR	:	:	:	:	:	:	:	:	:	:	:	:	:
IT	-0.5	13.2	13.3	13.3	13.3	13.5	13.9	14.4	14.7	14.6	13.9	13.3	12.7
CY	9.4	4.8	5.3	5.9	6.7	7.4	8.2	9.0	10.0	11.0	12.4	13.4	14.2
LV	0.0	4.8	4.7	4.5	4.8	5.3	5.5	5.7	5.8	5.6	5.5	5.3	4.8
LT	3.9	5.1	4.9	5.0	5.4	6.0	6.5	6.9	7.1	7.4	8.1	8.8	9.1
LU	14.3	5.8	5.8	6.1	7.0	8.9	10.9	13.2	14.9	16.9	18.3	19.8	20.1
HU	3.5	8.8	9.3	9.4	9.7	9.6	9.6	10.0	10.7	11.2	11.7	12.1	12.3
MT	:	:	:	:	:	:	:	:	:	:	:	:	:
NL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AT	1.4	9.5	9.6	9.7	10.1	10.5	10.9	11.1	11.1	11.1	11.1	11.1	11.0
PL	:	:	:	:	:	:	:	:	:	:	:	:	:
PT	2.1	8.5	9.1	9.5	9.9	10.2	10.2	9.9	10.0	10.3	10.6	10.4	10.6
RO	9.0	4.2	5.8	6.2	6.7	7.3	8.1	9.3	10.3	11.4	12.5	12.9	13.3
SI	8.0	7.0	7.3	7.9	8.4	9.3	10.4	11.7	12.9	14.0	14.7	15.0	15.0
SK	:	:	:	:	:	:	:	:	:	:	:	:	:
FI	4.7	6.6	7.4	8.8	9.8	10.7	11.4	11.5	11.3	11.1	11.1	11.2	11.3
SE	0.2	6.0	6.4	6.6	6.5	6.5	6.5	6.5	6.4	6.1	6.0	6.1	6.2
UK	2.0	2.3	2.5	2.7	2.9	3.1	3.2	3.3	3.4	3.4	3.6	3.9	4.3
NO	:	:	:	:	:	:	:	:	:	:	:	:	:
EU27	:	:	:	:	:	:	:	:	:	:	:	:	:
EA16	:	:	:	:	:	:	:	:	:	:	:	:	:
EU15	:	:	:	:	:	:	:	:	:	:	:	:	:
EU12	:	:	:	:	:	:	:	:	:	:	:	:	:
EU25	:	:	:	:	:	:	:	:	:	:	:	:	:
EA12	:	:	:	:	:	:	:	:	:	:	:	:	:
EU10	:	:	:	:	:	:	:	:	:	:	:	:	:

Source: Commission services.

Table A 56 – Other pensions (disability, survivors), gross (as % of GDP)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	-0.1	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7
BG	-0.1	1.4	1.8	1.6	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.3	1.3
CZ	-0.1	0.7	0.6	0.5	0.5	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.6
DK	0.5	2.0	2.0	2.0	2.0	2.1	2.3	2.3	2.3	2.2	2.3	2.4	2.5
DE	:	:	:	:	:	:	:	:	:	:	:	:	:
EE	-0.2	0.7	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.6
IE	0.0	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.4	1.4	1.4
EL	3.5	2.9	2.9	3.1	3.3	3.5	4.0	4.5	5.1	5.6	6.1	6.3	6.4
ES	0.1	2.9	2.9	2.9	2.9	2.9	3.0	3.1	3.2	3.2	3.2	3.1	3.0
FR	:	:	:	:	:	:	:	:	:	:	:	:	:
IT	-0.2	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3
CY	2.0	1.4	1.6	1.9	2.2	2.4	2.6	2.7	2.8	3.0	3.1	3.3	3.5
LV	-0.3	0.6	0.4	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3
LT	-0.1	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.1	1.0	1.0
LU	1.0	2.9	2.8	2.7	2.9	3.2	3.3	3.5	3.6	3.8	3.8	3.9	3.9
HU	-0.8	1.9	1.8	1.4	1.1	1.2	1.2	1.3	1.2	1.2	1.2	1.1	1.1
MT	-0.8	3.0	3.0	2.9	2.8	2.7	2.6	2.5	2.5	2.4	2.3	2.3	2.3
NL	-0.5	2.1	2.0	1.9	1.9	1.8	1.7	1.6	1.6	1.6	1.6	1.6	1.6
AT	-0.6	3.2	3.1	3.0	2.9	2.9	2.8	2.8	2.8	2.9	2.9	2.8	2.7
PL	-0.8	1.7	1.5	1.2	1.0	0.9	1.0	1.0	1.1	1.1	1.0	0.9	0.9
PT	0.4	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.3	2.4	2.6	2.6	2.7
RO	0.3	1.3	1.5	1.5	1.5	1.4	1.6	1.5	1.5	1.5	1.5	1.5	1.6
SI	0.7	2.8	2.8	2.7	2.7	2.7	2.8	3.0	3.2	3.4	3.5	3.6	3.6
SK	1.5	2.5	2.6	2.7	2.7	3.0	3.2	3.4	3.5	3.6	3.8	3.9	4.1
FI	-1.2	2.5	2.5	2.3	2.1	2.0	1.9	1.8	1.7	1.7	1.6	1.5	1.4
SE	-1.3	2.6	2.5	2.2	2.1	2.0	1.9	1.8	1.6	1.5	1.5	1.4	1.2
UK	:	:	:	:	:	:	:	:	:	:	:	:	:
NO	0.0	3.2	3.3	3.2	3.2	3.2	3.3	3.2	3.1	3.1	3.2	3.3	3.2
EU27	:	:	:	:	:	:	:	:	:	:	:	:	:
EA16	:	:	:	:	:	:	:	:	:	:	:	:	:
EU15	:	:	:	:	:	:	:	:	:	:	:	:	:
EU12	-0.2	1.5	1.5	1.3	1.2	1.2	1.3	1.3	1.4	1.4	1.4	1.4	1.4
EU25	:	:	:	:	:	:	:	:	:	:	:	:	:
EA12	:	:	:	:	:	:	:	:	:	:	:	:	:
EU10	-0.3	1.6	1.5	1.3	1.2	1.2	1.2	1.3	1.3	1.4	1.3	1.3	1.3

Source: Commission services.

Table A 57 – Occupational pensions, gross (as % of GDP)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	:	:	:	:	:	:	:	:	:	:	:	:	:
BG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CZ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DK	3.3	5.6	5.7	5.9	5.8	5.3	5.4	6.4	7.1	7.2	8.1	8.3	8.9
DE	:	:	:	:	:	:	:	:	:	:	:	:	:
EE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IE	1.5	1.2	1.4	1.6	1.8	2.0	2.1	2.2	2.2	2.4	2.5	2.6	2.7
EL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ES	0.2	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.7	0.7	0.7	0.7	0.7
FR	:	:	:	:	:	:	:	:	:	:	:	:	:
IT	:	:	:	:	:	:	:	:	:	:	:	:	:
CY	:	:	:	:	:	:	:	:	:	:	:	:	:
LV	:	:	:	:	:	:	:	:	:	:	:	:	:
LT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LU	:	:	:	:	:	:	:	:	:	:	:	:	:
HU	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MT	:	:	:	:	:	:	:	:	:	:	:	:	:
NL	6.9	5.2	5.0	5.9	6.7	7.7	9.0	10.2	10.8	10.9	11.1	11.5	12.1
AT	:	:	:	:	:	:	:	:	:	:	:	:	:
PL	:	:	:	:	:	:	:	:	:	:	:	:	:
PT	-0.1	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5
RO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SI	:	:	:	:	:	:	:	:	:	:	:	:	:
SK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FI	:	:	:	:	:	:	:	:	:	:	:	:	:
SE	0.9	2.4	2.6	2.9	3.1	3.3	3.5	3.5	3.5	3.3	3.2	3.3	3.3
UK	:	:	:	:	:	:	:	:	:	:	:	:	:
NO	:	:	:	:	:	:	:	:	:	:	:	:	:
EU27	:	:	:	:	:	:	:	:	:	:	:	:	:
EA16	:	:	:	:	:	:	:	:	:	:	:	:	:
EU15	:	:	:	:	:	:	:	:	:	:	:	:	:
EU12	:	:	:	:	:	:	:	:	:	:	:	:	:
EU25	:	:	:	:	:	:	:	:	:	:	:	:	:
EA12	:	:	:	:	:	:	:	:	:	:	:	:	:
EU10	:	:	:	:	:	:	:	:	:	:	:	:	:

Source: Commission services.

Table A 58 – Private mandatory pensions, gross (as % of GDP)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BG	1.7	0.0	0.0	0.0	0.0	0.1	0.3	0.5	0.8	1.1	1.4	1.6	1.7
CZ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DK	:	:	:	:	:	:	:	:	:	:	:	:	:
DE	:	:	:	:	:	:	:	:	:	:	:	:	:
EE	1.8	0.0	0.0	0.0	0.1	0.2	0.3	0.5	0.7	1.0	1.4	1.8	1.8
IE	:	:	:	:	:	:	:	:	:	:	:	:	:
EL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FR	:	:	:	:	:	:	:	:	:	:	:	:	:
IT	:	:	:	:	:	:	:	:	:	:	:	:	:
CY	:	:	:	:	:	:	:	:	:	:	:	:	:
LV	4.9	0.0	0.0	0.0	0.1	0.3	0.4	0.7	1.3	2.0	3.1	4.3	4.9
LT	2.0	0.0	0.0	0.1	0.3	0.4	0.6	0.8	1.1	1.5	2.4	2.3	2.0
LU	:	:	:	:	:	:	:	:	:	:	:	:	:
HU	2.2	0.0	0.0	0.0	0.1	0.2	0.4	0.6	1.0	1.3	1.6	1.9	2.2
MT	:	:	:	:	:	:	:	:	:	:	:	:	:
NL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AT	:	:	:	:	:	:	:	:	:	:	:	:	:
PL	1.9	0.0	0.0	0.0	0.1	0.1	0.2	0.4	0.7	1.0	1.4	1.7	1.9
PT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RO	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.8	1.3	1.9	1.9
SI	:	:	:	:	:	:	:	:	:	:	:	:	:
SK	2.2	0.0	0.0	0.0	0.1	0.3	0.5	0.7	1.0	1.4	1.7	2.0	2.2
FI	:	:	:	:	:	:	:	:	:	:	:	:	:
SE	1.4	0.0	0.1	0.2	0.3	0.5	0.7	0.9	1.1	1.2	1.3	1.4	1.4
UK	:	:	:	:	:	:	:	:	:	:	:	:	:
NO	:	:	:	:	:	:	:	:	:	:	:	:	:
EU27	:	:	:	:	:	:	:	:	:	:	:	:	:
EA16	:	:	:	:	:	:	:	:	:	:	:	:	:
EU15	:	:	:	:	:	:	:	:	:	:	:	:	:
EU12	:	:	:	:	:	:	:	:	:	:	:	:	:
EU25	:	:	:	:	:	:	:	:	:	:	:	:	:
EA12	:	:	:	:	:	:	:	:	:	:	:	:	:
EU10	:	:	:	:	:	:	:	:	:	:	:	:	:

Source: Commission services.

Table A 59 – Social security pensions, net (as % of GDP)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	:	:	:	:	:	:	:	:	:	:	:	:	:
BG	3.0	8.3	9.1	8.6	8.4	8.4	8.6	9.0	9.5	10.1	10.8	11.2	11.3
CZ	3.3	7.8	7.1	6.9	6.9	7.0	7.1	7.6	8.4	9.4	10.2	10.8	11.0
DK	0.2	6.6	6.9	7.5	7.9	7.8	7.8	7.8	7.8	7.5	7.2	7.0	6.9
DE	1.6	8.8	8.6	8.4	8.7	9.1	9.5	9.7	9.9	9.9	10.0	10.2	10.4
EE	-0.7	5.6	6.4	6.2	5.9	5.8	5.6	5.4	5.4	5.3	5.3	5.2	4.9
IE	:	:	:	:	:	:	:	:	:	:	:	:	:
EL	:	:	:	:	:	:	:	:	:	:	:	:	:
ES	6.4	8.0	8.5	8.8	9.1	9.6	10.3	11.3	12.6	14.0	14.8	14.9	14.5
FR	0.9	11.9	12.3	12.4	12.5	12.7	13.0	13.3	13.2	13.1	13.0	12.9	12.9
IT	-0.4	11.9	12.0	12.0	12.1	12.3	12.7	13.2	13.5	13.3	12.7	12.1	11.5
CY	:	:	:	:	:	:	:	:	:	:	:	:	:
LV	-0.3	5.4	5.0	4.8	5.1	5.6	5.8	6.0	6.1	5.9	5.7	5.5	5.0
LT	4.6	6.8	6.5	6.5	6.9	7.6	8.2	8.7	9.1	9.6	10.4	11.0	11.4
LU	13.3	7.7	7.6	7.8	8.7	10.6	12.5	14.6	16.2	18.2	19.4	20.8	21.0
HU	2.3	10.9	11.3	10.8	10.7	10.6	10.6	10.9	11.6	12.1	12.6	13.0	13.2
MT	:	:	:	:	:	:	:	:	:	:	:	:	:
NL	3.5	5.4	5.3	5.9	6.4	7.0	7.8	8.4	8.7	8.7	8.7	8.7	8.9
AT	1.5	10.8	10.6	10.8	11.0	11.4	11.9	12.1	12.3	12.4	12.5	12.5	12.3
PL	-2.3	9.6	9.1	8.0	8.2	8.1	7.9	7.8	7.7	7.6	7.6	7.5	7.3
PT	1.9	10.5	11.1	11.2	11.5	11.6	11.7	11.4	11.6	11.9	12.3	12.2	12.4
RO	9.2	6.6	8.4	8.5	8.8	9.4	10.4	11.5	12.6	13.7	14.8	15.3	15.8
SI	8.8	9.9	10.1	10.6	11.1	12.0	13.3	14.7	16.1	17.3	18.2	18.6	18.6
SK	3.4	6.8	6.6	6.3	6.3	6.9	7.3	7.8	8.3	8.8	9.4	9.9	10.2
FI	2.7	8.2	8.8	9.7	10.4	11.0	11.4	11.4	11.2	11.0	10.9	10.9	11.0
SE	-0.1	6.9	6.9	6.8	6.8	6.9	6.9	6.9	6.8	6.7	6.6	6.8	6.9
UK	:	:	:	:	:	:	:	:	:	:	:	:	:
NO	3.6	7.2	7.8	8.8	9.3	9.7	10.2	10.6	10.7	10.7	10.7	10.8	10.9
EU27	:	:	:	:	:	:	:	:	:	:	:	:	:
EA16	:	:	:	:	:	:	:	:	:	:	:	:	:
EU15	:	:	:	:	:	:	:	:	:	:	:	:	:
EU12	:	:	:	:	:	:	:	:	:	:	:	:	:
EU25	:	:	:	:	:	:	:	:	:	:	:	:	:
EA12	:	:	:	:	:	:	:	:	:	:	:	:	:
EU10	:	:	:	:	:	:	:	:	:	:	:	:	:

Source: Commission services.

Table A 60 – Social security pensions, contributions (as % of GDP)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	:	:	:	:	:	:	:	:	:	:	:	:	:
BG	2.4	5.0	7.6	7.5	7.5	7.4	7.4	7.4	7.3	7.3	7.3	7.4	7.4
CZ	0.0	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
DK	:	:	:	:	:	:	:	:	:	:	:	:	:
DE	1.4	7.2	7.1	6.7	6.9	7.4	7.8	8.1	8.3	8.3	8.4	8.5	8.6
EE	-0.5	6.1	6.1	6.0	5.9	5.8	5.7	5.6	5.6	5.6	5.6	5.6	5.6
IE	-0.1	4.6	4.6	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
EL	0.0	8.5	8.8	9.0	9.1	9.3	9.4	8.4	8.3	8.3	8.3	8.4	8.5
ES	-0.3	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.6	10.6	10.5	10.4	10.4
FR	0.0	12.6	12.6	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
IT	0.2	10.4	10.6	10.6	10.6	10.6	10.6	10.6	10.5	10.5	10.6	10.6	10.6
CY	0.5	4.2	4.3	4.4	4.5	4.5	4.5	4.6	4.6	4.6	4.6	4.6	4.7
LV	-1.0	6.8	6.2	6.0	6.0	5.9	5.8	5.7	5.8	5.7	5.7	5.8	5.8
LT	-0.2	6.6	6.6	6.6	6.5	6.5	6.4	6.4	6.4	6.4	6.3	6.4	6.4
LU	0.3	9.6	9.6	9.6	9.8	9.8	9.9	9.8	9.8	9.8	9.8	9.8	9.9
HU	0.0	8.6	8.9	8.7	8.6	8.6	8.6	8.7	8.7	8.6	8.6	8.6	8.6
MT	-0.1	5.9	5.8	6.0	6.0	6.1	6.0	6.0	6.0	6.0	5.9	5.9	5.8
NL	:	:	:	:	:	:	:	:	:	:	:	:	:
AT	0.1	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.1	9.1	9.1	9.1	9.1
PL	-1.8	6.9	5.6	5.6	5.4	5.2	5.1	5.1	5.1	5.0	5.0	5.0	5.1
PT	-1.3	9.9	10.3	10.1	9.7	9.3	9.0	8.8	8.7	8.6	8.6	8.5	8.5
RO	0.5	6.7	6.3	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.9	7.0	7.2
SI	-0.2	8.7	8.2	8.3	8.5	8.6	8.6	8.6	8.6	8.6	8.6	8.5	8.5
SK	-0.4	4.6	4.7	4.7	4.6	4.5	4.5	4.5	4.4	4.4	4.3	4.3	4.2
FI	2.2	9.3	9.6	10.1	10.5	11.0	11.3	11.4	11.4	11.4	11.4	11.5	11.5
SE	-0.3	6.3	6.2	6.1	6.1	6.1	6.1	6.1	6.0	6.0	6.0	6.0	6.0
UK	:	:	:	:	:	:	:	:	:	:	:	:	:
NO	:	:	:	:	:	:	:	:	:	:	:	:	:
EU27	:	:	:	:	:	:	:	:	:	:	:	:	:
EA16	:	:	:	:	:	:	:	:	:	:	:	:	:
EU15	:	:	:	:	:	:	:	:	:	:	:	:	:
EU12	-0.6	7.1	6.6	6.5	6.5	6.4	6.3	6.3	6.4	6.4	6.4	6.4	6.5
EU25	:	:	:	:	:	:	:	:	:	:	:	:	:
EA12	:	:	:	:	:	:	:	:	:	:	:	:	:
EU10	-0.9	7.2	6.6	6.6	6.5	6.4	6.3	6.3	6.3	6.3	6.3	6.3	6.3

Source: Commission services.

Table A 61 – Social security pensions, assets (as % of GDP)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	-4.7	4.7	5.7	13.1	20.8	22.3	15.5	0.4	0.0	0.0	0.0	0.0	0.0
BG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CZ	23.8	0.4	3.4	9.8	17.1	24.9	32.6	39.8	45.0	45.6	42.3	35.0	24.2
DK	:	:	:	:	:	:	:	:	:	:	:	:	:
DE	-0.5	0.6	1.3	1.3	0.5	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2
EE	4.3	2.5	1.0	0.0	0.0	0.0	0.2	0.6	1.3	2.1	3.3	4.6	6.8
IE	-1.7	10.8	12.9	16.7	20.9	25.4	29.0	31.1	31.5	29.9	25.1	17.5	9.1
EL	:	:	:	:	:	:	:	:	:	:	:	:	:
ES	:	4.4	:	:	:	:	:	:	:	:	:	:	:
FR	-1.8	1.8	2.1	2.9	3.9	3.4	2.8	2.1	1.5	0.8	0.0	0.0	0.0
IT	:	:	:	:	:	:	:	:	:	:	:	:	:
CY	-203.4	36.9	38.2	37.3	32.3	23.1	9.9	-5.7	-24.1	-47.8	-79.4	-119.4	-166.5
LV	-13.0	3.9	5.2	7.0	8.4	7.5	5.0	1.7	-1.8	-4.7	-7.1	-9.1	-9.0
LT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LU	-280.2	21.8	28.0	37.5	46.0	47.8	39.3	18.3	-14.4	-59.5	-116.0	-183.3	-258.4
HU	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MT	:	:	:	:	:	:	:	:	:	:	:	:	:
NL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PL	0.5	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.6	0.7	0.8
PT	-4.5	4.5	6.6	10.2	12.3	13.3	12.9	12.0	9.1	2.4	0.0	0.0	0.0
RO	:	:	:	:	:	:	:	:	:	:	:	:	:
SI	7.8	6.9	6.7	6.6	6.6	7.0	7.7	8.6	9.7	10.8	12.1	13.4	14.7
SK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FI	-5.2	67.9	68.0	72.7	75.9	75.8	73.8	70.8	68.1	66.3	65.2	64.1	62.7
SE	11.2	29.3	30.4	30.0	30.0	30.3	31.0	31.2	31.5	32.7	35.4	38.4	40.5
UK	:	:	:	:	:	:	:	:	:	:	:	:	:
NO	:	:	:	:	:	:	:	:	:	:	:	:	:
EU27	:	:	:	:	:	:	:	:	:	:	:	:	:
EA16	:	:	:	:	:	:	:	:	:	:	:	:	:
EU15	:	:	:	:	:	:	:	:	:	:	:	:	:
EU12	:	:	:	:	:	:	:	:	:	:	:	:	:
EU25	:	:	:	:	:	:	:	:	:	:	:	:	:
EA12	:	:	:	:	:	:	:	:	:	:	:	:	:
EU10	:	:	:	:	:	:	:	:	:	:	:	:	:

Source: Commission services.

Table A 62 – Social security pensions, net/social security pensions, gross (percent)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	:	:	:	:	:	:	:	:	:	:	:	:	:
BG	0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
CZ	0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
DK	1.8	73.1	73.3	73.5	73.8	74.0	74.0	74.3	74.6	74.9	74.9	75.0	74.9
DE	-2.9	84.1	83.9	83.4	83.4	82.8	82.6	82.1	81.7	81.2	81.2	81.2	81.2
EE	0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IE	:	:	:	:	:	:	:	:	:	:	:	:	:
EL	:	:	:	:	:	:	:	:	:	:	:	:	:
ES	0.4	95.3	95.3	95.3	95.3	95.4	95.4	95.5	95.5	95.6	95.6	95.6	95.6
FR	0.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IT	-0.4	85.3	85.4	85.3	85.4	85.7	86.1	86.5	86.8	86.7	86.1	85.5	84.9
CY	:	:	:	:	:	:	:	:	:	:	:	:	:
LV	0.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
LT	0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
LU	-0.6	88.3	88.3	88.3	88.2	88.1	88.0	87.9	87.9	87.8	87.8	87.7	87.7
HU	-5.0	100.0	100.0	99.0	97.4	96.7	96.1	95.6	95.2	95.1	95.0	95.0	95.0
MT	:	:	:	:	:	:	:	:	:	:	:	:	:
NL	2.8	81.5	81.5	82.2	82.7	83.2	83.6	84.0	84.2	84.2	84.2	84.2	84.2
AT	5.6	84.4	83.8	84.3	84.9	85.5	86.3	87.2	88.2	88.9	89.4	89.7	90.0
PL	0.2	83.0	83.8	83.9	84.0	84.0	83.9	83.7	83.6	83.5	83.4	83.3	83.2
PT	0.0	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
RO	0.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
SI	0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
SK	0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
FI	0.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
SE	0.4	72.5	72.1	72.1	72.5	72.7	72.9	73.0	73.2	73.3	73.2	73.1	73.0
UK	:	:	:	:	:	:	:	:	:	:	:	:	:
NO	-1.7	81.8	81.3	81.1	81.0	80.5	80.1	80.0	80.0	80.0	80.0	80.0	80.0
EU27	:	:	:	:	:	:	:	:	:	:	:	:	:
EA16	:	:	:	:	:	:	:	:	:	:	:	:	:
EU15	:	:	:	:	:	:	:	:	:	:	:	:	:
EU12	:	:	:	:	:	:	:	:	:	:	:	:	:
EU25	:	:	:	:	:	:	:	:	:	:	:	:	:
EA12	:	:	:	:	:	:	:	:	:	:	:	:	:
EU10	:	:	:	:	:	:	:	:	:	:	:	:	:

Source: Commission services.

Table A 63 – Pensioners (social security) (thousands people)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	1755	2548	2646	2870	3126	3406	3655	3852	3992	4095	4180	4248	4303
BG	37	2234	2209	2182	2160	2171	2205	2279	2346	2389	2412	2371	2271
CZ	908	2729	2754	2908	3015	3070	3119	3218	3375	3536	3619	3661	3637
DK	94	1334	1400	1529	1607	1600	1585	1586	1584	1557	1500	1455	1428
DE	3634	19822	20236	20732	21502	22634	23861	24848	24929	24543	24251	23926	23456
EE	46	367	369	362	362	372	380	387	394	402	414	422	413
IE	1254	759	813	918	1023	1143	1270	1400	1541	1694	1863	1960	2013
EL	1557	2635	2658	2751	2871	3041	3262	3536	3804	4021	4158	4208	4192
ES	8730	8075	8438	8969	9775	10825	12080	13515	15017	16292	17002	17120	16805
FR	7925	14048	14885	15931	17075	18202	19382	20300	20908	21333	21595	21779	21973
IT	4995	15807	15780	16116	16819	17908	19299	20491	21335	21547	21304	21174	20802
CY	402	118	138	168	201	240	279	315	347	389	439	482	520
LV	64	576	551	509	519	553	573	588	602	617	645	662	640
LT	244	912	916	934	974	1028	1065	1094	1108	1131	1166	1181	1157
LU	405	146	160	191	226	269	320	370	417	462	504	534	551
HU	202	3049	2996	3014	3050	3047	3087	3156	3242	3269	3285	3290	3252
MT	48	68	80	89	97	103	105	106	107	109	110	114	117
NL	1856	3302	3447	3856	4201	4539	4903	5186	5301	5232	5158	5137	5158
AT*	1256	2423	2513	2654	2799	2940	3071	3175	3275	3386	3494	3591	3680
PL	1307	9968	9336	9069	9415	9717	9941	10222	10599	11021	11325	11420	11275
PT*	2098	3196	3298	3520	3755	4002	4302	4545	4783	4997	5156	5252	5293
RO	735	5710	5469	5305	5271	5326	5652	5985	6307	6549	6736	6640	6445
SI	211	519	540	578	610	646	688	726	754	770	769	754	730
SK	566	1189	1184	1224	1287	1397	1475	1553	1633	1699	1751	1774	1754
FI	417	1331	1395	1503	1609	1688	1742	1752	1735	1724	1724	1733	1748
SE	1640	2167	2284	2494	2716	2917	3117	3271	3400	3465	3552	3701	3807
UK	7124	12139	12769	13288	13575	14262	15632	16547	17329	17037	17251	18130	19263
NO	970	939	1016	1176	1286	1392	1504	1618	1683	1740	1783	1849	1909
EU27	49512	117171	119265	123664	129641	137044	146048	154004	160165	163266	165361	166719	166683
EA16	37112	75985	78213	82069	86976	92983	99692	105670	109880	112293	113459	113786	113096
EU15	44742	89731	92724	97321	102678	109375	117480	124374	129350	131386	132692	133949	134474
EU12	4769	27440	26541	26343	26962	27669	28568	29630	30815	31880	32670	32770	32209
EU25	48740	109227	111587	116176	122209	129547	138191	145739	151512	154327	156213	157708	157968
EA12	35885	74091	76270	80010	84781	90597	97146	102970	107037	109327	110389	110662	109975
EU10	3998	19496	18863	18855	19531	20172	20711	21365	22162	22942	23522	23759	23494

Source: Commission services.

* For Austria and Portugal, the numbers represent the total number of pensions in thousands.

Table A 64 – Pensioners aged 65+ (thousands people)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	1704	1875	1942	2139	2348	2611	2896	3118	3266	3356	3430	3504	3579
BG	491	1366	1332	1376	1426	1484	1535	1606	1687	1780	1848	1904	1857
CZ	1516	1488	1571	1831	2066	2207	2274	2342	2508	2758	2885	2974	3004
DK	261	954	1029	1174	1265	1316	1336	1364	1378	1353	1288	1239	1215
DE	5110	16281	17019	17568	18521	19647	21107	22497	22723	22242	21958	21728	21391
EE	99	230	228	233	243	255	267	273	283	292	307	327	328
IE	:	:	:	:	:	:	:	:	:	:	:	:	:
EL	1507	2091	2081	2131	2205	2335	2510	2777	3033	3307	3492	3577	3599
ES	:	:	:	:	:	:	:	:	:	:	:	:	:
FR	:	:	:	:	:	:	:	:	:	:	:	:	:
IT	6698	11811	12038	12902	13529	14422	15791	17254	18566	19190	19153	18825	18509
CY	:	:	:	:	:	:	:	:	:	:	:	:	:
LV	185	383	384	384	393	417	443	458	478	495	524	562	568
LT	:	:	:	:	:	:	:	:	:	:	:	:	:
LU	325	98	106	124	146	174	211	255	299	337	372	403	423
HU	1098	1596	1643	1766	1947	2020	2017	2091	2243	2437	2542	2636	2694
MT	62	44	53	67	77	86	92	92	93	96	98	102	106
NL	2155	2368	2529	2973	3346	3734	4147	4482	4633	4571	4506	4489	4523
AT	:	:	:	:	:	:	:	:	:	:	:	:	:
PL	4252	5104	5083	5643	6359	6989	7222	7335	7634	8143	8813	9237	9356
PT	:	:	:	:	:	:	:	:	:	:	:	:	:
RO	1776	3073	3033	2960	3069	3281	3331	3690	4008	4364	4600	4904	4849
SI	273	325	351	377	411	453	500	541	566	593	610	613	598
SK	778	613	639	696	784	909	995	1046	1103	1189	1282	1356	1391
FI	605	866	923	1093	1219	1316	1393	1425	1406	1407	1422	1438	1471
SE	1755	1715	1850	2095	2322	2524	2731	2897	3035	3093	3177	3347	3470
UK	:	:	:	:	:	:	:	:	:	:	:	:	:
NO	:	:	:	:	:	:	:	:	:	:	:	:	:
EU27	:	:	:	:	:	:	:	:	:	:	:	:	:
EA16	:	:	:	:	:	:	:	:	:	:	:	:	:
EU15	:	:	:	:	:	:	:	:	:	:	:	:	:
EU12	:	:	:	:	:	:	:	:	:	:	:	:	:
EU25	:	:	:	:	:	:	:	:	:	:	:	:	:
EA12	:	:	:	:	:	:	:	:	:	:	:	:	:
EU10	:	:	:	:	:	:	:	:	:	:	:	:	:

Source: Commission services.

Table A 65 – Share of pensioners below age 65 as % of all pensioners (percent)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	-9.6	26.4	26.6	25.5	24.9	23.3	20.8	19.0	18.2	18.0	17.9	17.5	16.8
BG	-20.6	38.8	39.7	36.9	34.0	31.7	30.4	29.5	28.1	25.5	23.4	19.7	18.2
CZ	-28.1	45.5	42.9	37.0	31.5	28.1	27.1	27.2	25.7	22.0	20.3	18.8	17.4
DK	-13.6	28.5	26.5	23.2	21.3	17.8	15.7	14.0	13.0	13.1	14.1	14.9	14.9
DE	-9.1	17.9	15.9	15.3	13.9	13.2	11.5	9.5	8.8	9.4	9.5	9.2	8.8
EE	-16.9	37.5	38.1	35.5	32.9	31.4	29.7	29.4	28.1	27.3	25.7	22.5	20.5
IE	:	:	:	:	:	:	:	:	:	:	:	:	:
EL	-6.5	20.6	21.7	22.5	23.2	23.2	23.0	21.5	20.3	17.8	16.0	15.0	14.2
ES	:	:	:	:	:	:	:	:	:	:	:	:	:
FR	:	:	:	:	:	:	:	:	:	:	:	:	:
IT	-14.3	25.3	23.7	19.9	19.6	19.5	18.2	15.8	13.0	10.9	10.1	11.1	11.0
CY	:	:	:	:	:	:	:	:	:	:	:	:	:
LV	-22.4	33.6	30.3	24.6	24.3	24.6	22.6	22.1	20.6	19.8	18.7	15.1	11.2
LT	:	:	:	:	:	:	:	:	:	:	:	:	:
LU	-9.5	32.9	33.8	35.1	35.7	35.1	33.9	31.1	28.5	27.2	26.2	24.7	23.4
HU	-23.0	47.7	45.2	41.4	36.3	34.3	35.8	35.7	34.0	30.0	28.2	26.5	24.7
MT	-25.9	34.9	33.5	25.4	20.7	16.3	12.5	12.9	13.1	12.3	11.2	10.2	8.9
NL	-14.0	32.4	30.9	27.6	25.4	23.1	21.1	19.5	18.6	18.6	18.6	18.6	18.4
AT	:	:	:	:	:	:	:	:	:	:	:	:	:
PL	-31.8	48.8	45.6	37.8	32.5	28.1	27.3	28.2	28.0	26.1	22.2	19.1	17.0
PT	:	:	:	:	:	:	:	:	:	:	:	:	:
RO	-21.4	46.2	44.5	44.2	41.8	38.4	41.1	38.3	36.5	33.4	31.7	26.1	24.8
SI	-19.3	37.4	35.0	34.8	32.5	29.9	27.4	25.5	24.9	23.0	20.7	18.7	18.1
SK	-27.7	48.4	46.0	43.1	39.1	34.9	32.5	32.7	32.5	30.0	26.8	23.6	20.7
FI	-19.1	34.9	33.8	27.2	24.2	22.0	20.0	18.7	19.0	18.4	17.5	17.0	15.9
SE	-12.0	20.9	19.0	16.0	14.5	13.5	12.4	11.4	10.7	10.7	10.5	9.6	8.8
UK	:	:	:	:	:	:	:	:	:	:	:	:	:
NO	:	:	:	:	:	:	:	:	:	:	:	:	:
EU27	:	:	:	:	:	:	:	:	:	:	:	:	:
EA16	:	:	:	:	:	:	:	:	:	:	:	:	:
EU15	:	:	:	:	:	:	:	:	:	:	:	:	:
EU12	:	:	:	:	:	:	:	:	:	:	:	:	:
EU25	:	:	:	:	:	:	:	:	:	:	:	:	:
EA12	:	:	:	:	:	:	:	:	:	:	:	:	:
EU10	:	:	:	:	:	:	:	:	:	:	:	:	:

Source: Commission services.

Table A 66 – Avg gross pension, (social security in 2007 prices) (thousands EUR)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	16.6	13.0	13.7	15.2	16.8	18.3	19.8	21.2	22.6	24.1	25.8	27.6	29.6
BG	2.6	1.1	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.9	3.1	3.4	3.7
CZ	5.9	3.6	3.8	4.1	4.5	5.0	5.4	5.9	6.6	7.4	8.1	8.8	9.6
DK	20.9	15.5	16.2	17.5	18.8	20.3	22.3	24.1	25.9	28.0	30.4	33.2	36.4
DE	12.3	12.8	12.9	13.7	14.8	15.6	16.3	16.9	18.0	19.5	21.1	22.9	25.0
EE	2.8	2.4	3.3	3.8	4.2	4.5	4.7	4.9	5.1	5.1	5.1	5.1	5.2
IE	17.5	9.7	10.5	11.7	13.0	14.4	15.8	17.4	19.1	20.9	23.0	25.0	27.3
EL	22.3	10.1	11.1	12.9	15.2	17.9	20.8	23.1	25.0	26.8	28.5	30.4	32.5
ES	14.3	11.0	12.1	13.6	15.0	16.5	17.6	18.7	19.8	21.0	22.3	23.7	25.3
FR	14.0	17.6	18.1	18.8	19.5	20.3	21.2	22.6	23.9	25.4	27.2	29.3	31.6
IT	7.7	13.6	14.2	15.2	16.2	16.8	17.4	17.8	18.4	19.1	19.7	20.3	21.3
CY	13.8	8.3	8.7	9.7	11.1	12.2	13.3	14.7	16.5	17.9	19.3	20.7	22.1
LV	1.8	1.9	2.2	2.7	3.2	3.6	4.0	4.3	4.4	4.3	4.0	3.8	3.7
LT	4.4	2.1	2.4	2.9	3.4	3.9	4.4	4.8	5.1	5.4	5.8	6.1	6.5
LU	40.1	21.5	22.2	23.9	26.2	30.4	33.3	37.6	41.2	46.6	50.7	56.9	61.6
HU	7.0	3.6	4.2	4.6	5.2	5.8	6.4	7.1	7.8	8.5	9.1	9.8	10.6
MT	9.1	5.7	6.0	6.7	7.2	7.5	8.3	9.2	10.5	11.7	12.8	13.8	14.8
NL	14.1	11.1	11.2	12.1	13.0	14.0	15.2	16.5	18.0	19.6	21.4	23.3	25.3
AT	9.7	14.4	14.7	15.5	16.5	17.6	18.6	19.7	20.7	21.6	22.6	23.4	24.1
PL	2.1	3.6	4.2	4.5	5.0	5.5	5.8	5.9	5.9	5.8	5.6	5.6	5.7
PT	4.9	5.8	6.2	6.5	6.9	7.3	7.6	7.9	8.4	8.9	9.6	9.9	10.7
RO	6.8	1.4	2.2	2.9	3.5	4.2	4.8	5.4	6.0	6.6	7.1	7.6	8.2
SI	12.8	6.4	7.1	8.2	9.3	10.3	11.3	12.4	13.6	14.8	16.1	17.6	19.2
SK	5.4	3.1	3.7	4.3	4.9	5.6	6.2	6.7	6.9	7.2	7.6	8.0	8.5
FI	19.7	13.5	15.1	17.0	18.7	20.4	22.1	23.7	25.4	27.1	28.9	30.9	33.2
SE	7.6	14.6	15.1	15.3	15.4	15.8	16.3	16.9	17.6	18.5	19.5	20.7	22.2
UK	18.1	10.9	11.5	12.6	14.0	15.3	16.3	17.6	19.1	21.2	23.6	26.3	29.0
NO	20.9	20.1	21.5	23.4	25.0	26.7	28.4	30.0	31.9	33.9	36.2	38.5	41.1
EU27	12.0	10.6	11.3	12.3	13.3	14.3	15.2	16.1	17.1	18.3	19.5	21.0	22.7
EA16	12.4	13.0	13.6	14.5	15.6	16.6	17.5	18.4	19.5	20.8	22.2	23.7	25.4
EU15	13.3	13.0	13.5	14.5	15.6	16.6	17.6	18.6	19.7	21.1	22.6	24.3	26.3
EU12	4.8	2.9	3.4	3.9	4.5	5.0	5.5	5.9	6.3	6.6	6.9	7.3	7.7
EU25	12.2	11.3	11.9	12.9	13.9	14.9	15.8	16.8	17.8	19.0	20.3	21.8	23.5
EA12	12.5	13.3	13.8	14.8	15.8	16.8	17.7	18.7	19.8	21.1	22.5	24.0	25.8
EU10	4.4	3.5	4.0	4.5	5.0	5.6	6.0	6.4	6.7	7.0	7.2	7.5	8.0

Source: Commission services.

Table A 67 – Benefit ratio (Social security pensions) (percent)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	-1.6	44.8	46.5	47.5	48.2	48.3	47.9	47.2	46.3	45.4	44.6	43.9	43.2
BG	-8.8	44.4	49.9	47.1	44.3	42.2	40.3	38.7	37.3	36.2	35.6	35.6	35.6
CZ	-7.5	45.2	41.6	38.7	36.8	35.7	35.4	35.7	36.5	37.4	37.6	37.7	37.6
DK	-1.6	39.4	39.4	38.9	38.3	38.0	38.3	38.0	37.7	37.4	37.5	37.6	37.8
DE	-8.9	51.4	50.4	49.7	49.7	47.8	45.9	43.8	42.9	42.7	42.5	42.4	42.5
EE	-10.6	26.5	33.7	31.8	29.2	26.9	24.8	23.2	21.9	20.4	18.5	16.9	15.8
IE	4.3	27.3	28.5	29.1	29.7	30.0	30.4	30.7	31.0	31.3	31.5	31.6	31.6
EL	7.4	73.1	72.2	74.7	77.9	81.4	85.6	87.5	86.9	85.4	83.7	82.0	80.5
ES	-5.6	57.8	62.6	65.9	65.2	63.3	61.0	59.0	57.2	55.9	54.5	53.3	52.2
FR	-15.8	63.3	63.3	60.6	57.7	55.0	52.9	51.6	50.3	49.1	48.3	47.8	47.5
IT	-21.2	68.5	71.3	71.9	70.5	67.5	64.1	60.5	57.3	54.6	51.7	49.1	47.3
CY	2.9	53.7	57.6	59.1	60.0	58.2	57.4	57.6	59.2	58.9	58.4	57.5	56.5
LV	-11.4	24.0	25.7	25.3	25.2	24.3	23.4	22.7	21.3	18.9	16.1	13.9	12.6
LT	-5.4	33.1	33.5	33.2	32.7	32.2	31.6	31.0	30.3	29.6	29.0	28.2	27.7
LU	-1.7	45.8	41.4	38.0	37.0	39.1	39.3	40.8	41.1	42.8	42.9	44.3	44.1
HU	-3.1	38.9	42.3	41.6	41.3	40.1	38.8	38.1	37.7	37.2	36.6	36.2	35.8
MT	-2.3	42.3	42.5	42.3	39.8	37.0	37.4	38.1	39.9	41.0	41.0	40.6	40.0
NL	-3.2	43.8	41.8	41.6	41.1	40.6	40.4	40.3	40.4	40.6	40.7	40.7	40.5
AT	-16.4	54.9	54.2	53.0	51.8	50.6	49.4	48.0	46.3	44.5	42.7	40.7	38.5
PL	-30.4	56.2	59.6	54.1	51.7	48.8	45.1	41.6	37.9	34.0	30.6	27.9	25.8
PT	-13.6	46.3	49.0	48.2	47.2	45.3	42.3	38.7	36.7	35.3	34.5	32.7	32.7
RO	7.6	29.4	37.6	39.2	40.1	40.7	40.5	40.2	39.3	38.5	37.7	37.1	37.0
SI	-2.3	40.9	40.7	39.9	39.0	38.2	38.1	38.2	38.4	38.5	38.6	38.6	38.6
SK	-12.0	45.2	45.8	44.5	43.3	42.2	41.0	39.8	37.9	36.1	34.9	33.7	33.1
FI	-2.3	49.1	51.2	52.0	52.1	52.0	51.7	51.1	50.2	49.2	48.3	47.5	46.9
SE	-19.1	49.3	48.1	44.7	41.0	38.6	36.6	34.9	33.5	32.4	31.4	30.6	30.1
UK	2.5	34.6	34.6	34.5	34.9	35.0	34.5	34.2	34.2	34.9	35.8	36.6	37.1
NO	-3.6	50.3	56.2	56.4	55.4	54.4	53.3	51.8	50.6	49.6	48.6	47.6	46.7
EU27	-9.5	49.7	50.9	50.5	49.7	48.4	46.8	45.3	43.8	42.5	41.4	40.6	40.1
EA16	-11.4	56.7	57.4	57.1	56.2	54.3	52.5	50.7	49.2	48.0	46.9	46.0	45.3
EU15	-9.5	51.7	52.1	51.7	51.0	49.5	47.8	46.3	45.0	44.1	43.3	42.7	42.3
EU12	-11.7	43.8	46.5	44.3	43.2	41.9	40.2	38.8	37.3	35.7	34.2	32.9	32.1
EU25	-9.8	50.4	51.4	50.9	50.1	48.6	47.1	45.6	44.1	43.0	41.9	41.1	40.6
EA12	-11.3	56.8	57.5	57.2	56.3	54.4	52.6	50.8	49.3	48.1	47.0	46.1	45.5
EU10	-15.6	46.6	48.7	45.7	44.1	42.3	40.4	38.8	37.2	35.3	33.6	32.1	31.0

Source: Commission services.

Table A 68 – Gross replacement rate at retirement (social security pensions) (percent)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	-3.0	44.7	45.7	45.0	45.5	45.1	44.2	43.4	42.8	42.5	42.4	42.1	41.7
BG	35.8	0.0	43.7	42.3	41.8	39.3	38.3	37.2	37.0	36.3	36.2	36.5	35.8
CZ	-5.7	32.7	28.7	28.1	28.2	27.0	25.0	27.7	29.0	28.9	28.0	27.8	27.0
DK	0.0	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
DE	:	:	:	:	:	:	:	:	:	:	:	:	:
EE	-0.1	0.3	0.4	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2
IE	:	:	:	:	:	:	:	:	:	:	:	:	:
EL	5.9	60.6	61.3	66.7	67.9	67.1	70.7	67.6	67.8	71.6	70.0	68.5	66.5
ES	:	:	:	:	:	:	:	:	:	:	:	:	:
FR	:	:	:	:	:	:	:	:	:	:	:	:	:
IT	-17.3	66.8	71.6	73.3	65.5	60.1	57.6	55.9	56.0	54.2	51.0	50.0	49.4
CY	:	:	:	:	:	:	:	:	:	:	:	:	:
LV	-10.9	32.5	32.3	32.1	29.0	25.6	23.8	23.7	22.5	22.2	22.5	22.1	21.7
LT	-3.3	32.3	36.1	35.9	35.3	34.5	33.4	32.3	31.0	30.3	30.0	29.4	29.1
LU	9.0	53.0	52.0	53.0	55.0	57.0	56.0	59.0	61.0	63.0	62.0	63.0	62.0
HU	-0.1	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
MT	:	:	:	:	:	:	:	:	:	:	:	:	:
NL	:	:	:	:	:	:	:	:	:	:	:	:	:
AT	-10.8	49.2	52.0	52.1	48.7	46.5	45.9	45.5	45.4	44.9	43.6	41.3	38.5
PL	:	:	:	:	:	:	:	:	:	:	:	:	:
PT	-2.0	57.9	54.0	55.3	53.1	51.1	49.0	53.2	52.7	52.9	53.8	54.9	55.9
RO	7.1	36.5	48.4	48.4	48.4	48.4	48.2	47.8	46.8	45.6	44.6	44.0	43.6
SI	:	:	:	:	:	:	:	:	:	:	:	:	:
SK	:	:	:	:	:	:	:	:	:	:	:	:	:
FI	:	:	:	:	:	:	:	:	:	:	:	:	:
SE	-17.9	49.1	46.2	40.4	37.0	36.5	35.8	34.3	33.1	31.6	31.6	31.6	31.2
UK	:	:	:	:	:	:	:	:	:	:	:	:	:
NO	:	:	:	:	:	:	:	:	:	:	:	:	:
EU27	:	:	:	:	:	:	:	:	:	:	:	:	:
EA16	:	:	:	:	:	:	:	:	:	:	:	:	:
EU15	:	:	:	:	:	:	:	:	:	:	:	:	:
EU12	:	:	:	:	:	:	:	:	:	:	:	:	:
EU25	:	:	:	:	:	:	:	:	:	:	:	:	:
EA12	:	:	:	:	:	:	:	:	:	:	:	:	:
EU10	:	:	:	:	:	:	:	:	:	:	:	:	:

Source: Commission services.

Table A 69 – Contributors (social security pensions, in 1000 persons) (thousands people)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	374	4406	4541	4742	4817	4800	4785	4777	4783	4788	4786	4778	4780
BG	-1006	2864	2974	2927	2837	2721	2622	2509	2389	2259	2121	1986	1857
CZ	-1005	4878	5052	5107	5045	4912	4814	4726	4546	4374	4178	3999	3873
DK	22	2822	2842	2827	2798	2802	2779	2778	2774	2807	2838	2852	2844
DE	-6135	31816	32415	33347	33499	32327	31201	30181	29158	28382	27549	26610	25681
EE	-189	659	676	654	631	609	593	579	562	539	511	485	470
IE	1059	2715	2926	3197	3392	3543	3667	3759	3789	3762	3717	3724	3775
EL	-500	4608	4726	4829	4856	4784	4691	4576	4443	4312	4210	4143	4107
ES	402	21510	22967	24504	25326	25679	25769	25407	24544	23470	22630	22134	21911
FR	2127	25399	25778	26332	26637	26700	26719	26804	26969	27071	27182	27335	27525
IT	-1628	23550	24220	25003	25404	25556	25304	24639	23835	23176	22687	22275	21922
CY	215	392	433	476	509	531	551	573	591	601	603	604	607
LV	-496	1202	1235	1199	1113	1044	997	957	916	859	787	731	707
LT	-527	1467	1501	1512	1477	1405	1330	1266	1212	1151	1076	1002	940
LU	194	342	371	423	447	459	468	479	491	504	517	527	536
HU	-951	3987	4056	4140	4129	4033	3923	3789	3615	3445	3286	3147	3036
MT	-13	159	160	165	169	170	172	172	170	166	159	153	146
NL	1278	10981	11343	11761	12015	12251	12464	12643	12725	12609	12463	12343	12259
AT	387	3705	4206	4298	4352	4348	4311	4288	4269	4228	4186	4137	4092
PL	-4814	15333	16544	16825	16373	15789	15196	14611	13828	12870	11939	11133	10518
PT	-800	4296	4293	4340	4315	4230	4127	4009	3879	3748	3633	3552	3496
RO	-839	6136	6348	6536	6630	6596	6464	6351	6185	5935	5689	5492	5297
SI	-258	878	887	887	875	843	806	770	734	698	666	640	620
SK	-671	2386	2468	2593	2662	2586	2501	2393	2260	2118	1964	1826	1715
FI	-142	2376	2435	2438	2427	2391	2355	2337	2331	2320	2295	2262	2233
SE	279	5569	5679	5692	5693	5745	5761	5774	5801	5883	5923	5869	5849
UK	:	:	:	:	:	:	:	:	:	:	:	:	:
NO	:	:	:	:	:	:	:	:	:	:	:	:	:
EU27	:	:	:	:	:	:	:	:	:	:	:	:	:
EA16	-4112	139518	144171	149334	151701	151199	149892	147806	144971	141953	139246	137043	135405
EU15	:	:	:	:	:	:	:	:	:	:	:	:	:
EU12	-10554	40341	42333	43019	42449	41240	39971	38694	37007	35017	32978	31200	29787
EU25	:	:	:	:	:	:	:	:	:	:	:	:	:
EA12	-3385	135702	140223	145214	147487	147068	145862	143899	141216	138370	135854	133819	132317
EU10	-8709	31342	33011	33556	32983	31923	30884	29834	28433	26822	25168	23721	22633

Source: Commission services.

Table A 70 – Support ratio (contributors/100 pensioners, social security pensions) (percent)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	-62	173	172	165	154	141	131	124	120	117	114	112	111
BG	-46	128	135	134	131	125	119	110	102	95	88	84	82
CZ	-72	179	183	176	167	160	154	147	135	124	115	109	106
DK	-12	211	203	185	174	175	175	175	175	180	189	196	199
DE	-51	161	160	161	156	143	131	121	117	116	114	111	109
EE	-66	179	183	181	174	164	156	149	143	134	123	115	114
IE	-170	358	360	348	332	310	289	269	246	222	199	190	188
EL	-77	175	178	176	169	157	144	129	117	107	101	98	98
ES	-136	266	272	273	259	237	213	188	163	144	133	129	130
FR	-56	181	173	165	156	147	138	132	129	127	126	126	125
IT	-44	149	153	155	151	143	131	120	112	108	106	105	105
CY	-216	332	313	283	253	221	198	182	170	155	137	125	117
LV	-98	209	224	236	214	189	174	163	152	139	122	111	110
LT	-80	161	164	162	152	137	125	116	109	102	92	85	81
LU	-137	234	232	221	198	171	146	129	118	109	103	99	97
HU	-37	131	135	137	135	132	127	120	111	105	100	96	93
MT	-107	233	202	184	173	166	165	162	159	152	144	135	125
NL	-95	333	329	305	286	270	254	244	240	241	242	240	238
AT*	-42	153	167	162	155	148	140	135	130	125	120	115	111
PL	-61	154	177	186	174	162	153	143	130	117	105	97	93
PT*	-68	134	130	123	115	106	96	88	81	75	70	68	66
RO	-25	107	116	123	126	124	114	106	98	91	84	83	82
SI	-84	169	164	153	144	131	117	106	97	91	87	85	85
SK	-103	201	208	212	207	185	170	154	138	125	112	103	98
FI	-51	178	175	162	151	142	135	133	134	135	133	131	128
SE	-103	257	249	228	210	197	185	177	171	170	167	159	154
UK	:	:	:	:	:	:	:	:	:	:	:	:	:
NO	:	:	:	:	:	:	:	:	:	:	:	:	:
EU27	:	:	:	:	:	:	:	:	:	:	:	:	:
EA16	-64	184	184	182	174	163	150	140	132	126	123	120	120
EU15	:	:	:	:	:	:	:	:	:	:	:	:	:
EU12	-55	147	160	163	157	149	140	131	120	110	101	95	92
EU25	:	:	:	:	:	:	:	:	:	:	:	:	:
EA12	-63	183	184	181	174	162	150	140	132	127	123	121	120
EU10	-64	161	175	178	169	158	149	140	128	117	107	100	96

Source: Commission services.

* For Austria and Portugal, the denominator is the number of pensions (in hundreds).

Table A 71 – Social security pensions, gross (as % of GDP) – Higher life expectancy scenario

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	5.1	10.0	10.3	10.9	11.9	13.0	14.0	14.6	14.8	14.9	15.0	15.1	15.1
BG	3.4	8.3	9.1	8.6	8.4	8.4	8.6	9.0	9.6	10.2	11.0	11.5	11.6
CZ	3.6	7.8	7.1	6.9	6.9	7.0	7.2	7.7	8.6	9.6	10.4	11.0	11.3
DK	0.3	9.1	9.4	10.2	10.7	10.5	10.7	10.6	10.4	10.2	9.8	9.4	9.4
DE	2.5	10.4	10.2	10.1	10.5	11.0	11.6	12.0	12.2	12.3	12.5	12.7	13.0
EE	-0.6	5.6	6.4	6.0	5.8	5.7	5.5	5.5	5.4	5.4	5.3	5.2	5.0
IE	4.8	4.0	4.1	4.3	4.6	5.0	5.4	5.9	6.5	7.2	8.1	8.6	8.8
EL	12.7	11.6	11.5	12.1	13.0	14.6	16.9	19.3	21.4	23.0	24.1	24.5	24.4
ES	7.0	8.4	8.9	9.2	9.5	10.1	10.8	11.9	13.3	14.8	15.6	15.8	15.4
FR	1.4	13.0	13.5	13.6	13.7	13.9	14.3	14.6	14.6	14.6	14.5	14.5	14.4
IT	-0.3	14.0	14.0	14.0	14.1	14.4	14.9	15.3	15.6	15.5	14.8	14.3	13.7
CY	11.6	6.3	6.9	7.8	8.9	9.8	10.8	11.8	12.9	14.1	15.7	17.0	17.9
LV	-0.3	5.4	5.1	4.8	5.2	5.6	5.8	6.1	6.1	6.0	5.8	5.6	5.1
LT	4.9	6.8	6.5	6.5	6.9	7.6	8.3	8.8	9.2	9.7	10.6	11.3	11.7
LU	15.6	8.7	8.6	8.9	9.9	12.1	14.2	16.7	18.5	20.9	22.3	24.0	24.3
HU	3.3	10.9	11.3	10.9	11.0	11.0	11.1	11.6	12.4	13.0	13.5	14.0	14.2
MT	6.6	7.2	8.3	9.1	9.3	9.2	9.4	9.8	10.7	11.5	12.2	13.0	13.7
NL	4.3	6.6	6.5	7.2	7.8	8.5	9.4	10.1	10.5	10.5	10.5	10.7	10.9
AT	1.3	12.8	12.7	13.0	13.3	13.7	14.2	14.4	14.5	14.6	14.5	14.4	14.1
PL	-2.7	11.6	10.8	9.6	9.7	9.7	9.4	9.3	9.3	9.2	9.2	9.1	8.9
PT	2.4	11.4	11.9	12.1	12.4	12.6	12.7	12.4	12.7	13.1	13.6	13.5	13.8
RO	9.7	6.6	8.4	8.5	8.8	9.4	10.5	11.6	12.7	14.0	15.1	15.7	16.3
SI	9.3	9.9	10.1	10.6	11.1	12.0	13.4	14.9	16.4	17.6	18.6	19.1	19.2
SK	3.7	6.8	6.6	6.3	6.3	6.9	7.4	7.9	8.4	8.9	9.7	10.2	10.6
FI	3.5	10.0	10.7	11.8	12.7	13.5	14.0	14.1	13.8	13.5	13.4	13.4	13.5
SE	0.0	9.5	9.6	9.5	9.4	9.4	9.5	9.5	9.4	9.2	9.2	9.4	9.6
UK	3.1	6.6	6.7	6.8	6.9	7.2	7.7	8.0	8.2	8.1	8.3	8.9	9.6
NO	4.9	8.9	9.6	10.9	11.6	12.3	13.0	13.5	13.7	13.6	13.6	13.7	13.8
EU27	2.7	10.1	10.2	10.3	10.5	10.9	11.4	11.9	12.2	12.4	12.6	12.7	12.8
EA16	3.0	11.0	11.1	11.2	11.6	12.0	12.7	13.2	13.7	14.0	14.1	14.1	14.1
EU15	2.7	10.2	10.3	10.4	10.7	11.1	11.6	12.1	12.4	12.6	12.7	12.8	12.9
EU12	2.6	9.2	9.2	8.6	8.8	9.0	9.3	9.7	10.2	10.7	11.3	11.6	11.8
EU25	2.6	10.2	10.2	10.3	10.6	10.9	11.4	11.9	12.2	12.4	12.5	12.7	12.8
EA12	3.0	11.1	11.2	11.3	11.6	12.1	12.7	13.3	13.7	14.0	14.1	14.1	14.1
EU10	1.3	9.7	9.3	8.6	8.8	9.0	9.0	9.3	9.7	10.1	10.5	10.8	10.9

Source: Commission services.

Table A 72 – Old-age and early pensions, gross (as % of GDP) – Higher life expectancy scenario

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	5.2	9.2	9.5	10.1	11.0	12.2	13.2	13.8	14.1	14.2	14.3	14.4	14.4
BG	3.5	6.8	7.3	7.0	6.9	7.0	7.1	7.6	8.1	8.8	9.6	10.1	10.3
CZ	3.7	7.1	6.5	6.3	6.3	6.4	6.6	7.1	8.0	9.1	9.9	10.5	10.8
DK	-0.3	7.0	7.4	8.2	8.6	8.4	8.3	8.3	8.1	7.9	7.4	6.9	6.7
DE	2.5	10.4	10.2	10.1	10.5	11.0	11.6	12.0	12.2	12.3	12.5	12.7	13.0
EE	-0.5	4.9	5.4	5.1	4.9	4.9	4.8	4.7	4.7	4.7	4.7	4.7	4.4
IE	4.8	2.6	2.7	2.9	3.2	3.6	4.0	4.5	5.0	5.8	6.7	7.2	7.4
EL	9.5	8.7	8.6	9.0	9.8	11.1	12.9	14.8	16.3	17.5	18.2	18.4	18.2
ES	6.9	5.6	6.0	6.3	6.6	7.2	7.9	8.8	10.1	11.6	12.5	12.7	12.5
FR	1.4	13.0	13.5	13.6	13.7	13.9	14.3	14.6	14.6	14.6	14.5	14.5	14.4
IT	0.0	13.5	13.5	13.5	13.7	13.9	14.4	14.9	15.3	15.2	14.5	14.0	13.4
CY	9.6	4.8	5.3	5.9	6.7	7.4	8.3	9.1	10.1	11.2	12.5	13.6	14.4
LV	0.0	4.8	4.7	4.5	4.8	5.2	5.5	5.7	5.8	5.6	5.5	5.3	4.8
LT	5.0	5.6	5.4	5.4	5.8	6.5	7.2	7.7	8.1	8.6	9.5	10.3	10.7
LU	14.8	5.8	5.8	6.2	7.0	9.0	10.9	13.3	15.0	17.2	18.6	20.2	20.6
HU	4.1	9.0	9.5	9.6	9.9	9.8	9.9	10.3	11.2	11.8	12.3	12.8	13.0
MT	7.2	4.2	5.3	6.2	6.5	6.4	6.8	7.3	8.2	9.1	9.8	10.7	11.4
NL	4.8	4.5	4.5	5.3	5.9	6.7	7.6	8.5	8.9	9.0	9.0	9.1	9.3
AT	1.8	9.5	9.6	9.9	10.3	10.8	11.4	11.6	11.6	11.6	11.6	11.6	11.3
PL	-1.8	9.8	9.3	8.4	8.7	8.8	8.5	8.3	8.2	8.2	8.2	8.2	8.0
PT	2.0	9.1	9.6	9.9	10.2	10.5	10.5	10.2	10.3	10.6	11.0	10.8	11.1
RO	9.4	5.3	6.9	7.1	7.4	8.1	8.9	10.1	11.2	12.5	13.7	14.2	14.7
SI	8.5	7.0	7.3	7.9	8.5	9.3	10.5	11.8	13.1	14.2	15.0	15.4	15.5
SK	2.1	4.3	4.0	3.6	3.6	3.9	4.2	4.5	4.8	5.2	5.8	6.2	6.4
FI	4.7	7.5	8.2	9.5	10.6	11.5	12.2	12.3	12.0	11.9	11.9	12.0	12.2
SE	1.4	7.0	7.1	7.3	7.3	7.4	7.6	7.7	7.8	7.7	7.7	8.0	8.3
UK	3.6	5.8	6.1	6.3	6.5	6.8	7.4	7.7	7.9	7.9	8.1	8.7	9.4
NO	4.9	5.7	6.3	7.7	8.4	9.0	9.7	10.3	10.6	10.5	10.4	10.5	10.5
EU27	2.8	9.1	9.2	9.3	9.6	10.0	10.5	10.9	11.3	11.5	11.6	11.8	11.9
EA16	2.9	10.1	10.2	10.3	10.6	11.1	11.7	12.2	12.6	12.9	13.1	13.1	13.1
EU15	2.8	9.3	9.4	9.5	9.8	10.2	10.7	11.2	11.5	11.7	11.8	11.9	12.0
EU12	2.8	7.7	7.7	7.3	7.6	7.8	7.9	8.3	8.8	9.4	9.9	10.3	10.4
EU25	2.7	9.2	9.3	9.4	9.6	10.0	10.5	10.9	11.3	11.5	11.6	11.8	11.9
EA12	2.9	10.2	10.3	10.4	10.7	11.1	11.7	12.3	12.7	13.0	13.1	13.1	13.1
EU10	1.5	8.1	7.8	7.4	7.6	7.8	7.8	8.0	8.4	8.8	9.2	9.5	9.6

Source: *Commission services.*

Table A 73 - Social security pensions, gross (as % of GDP) – Higher labour productivity scenario

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	3.8	10.0	10.3	10.8	11.7	12.7	13.5	14.0	14.1	14.0	14.0	14.0	13.8
BG	2.8	8.3	9.1	8.6	8.3	8.3	8.4	8.8	9.3	9.9	10.6	11.0	11.0
CZ	3.1	7.8	7.1	6.8	6.8	6.9	7.0	7.5	8.3	9.3	10.0	10.6	10.8
DK	0.1	9.1	9.4	10.2	10.6	10.5	10.6	10.5	10.4	10.0	9.6	9.3	9.2
DE	2.4	10.4	10.2	10.1	10.5	11.0	11.6	11.9	12.1	12.2	12.4	12.6	12.8
EE	-0.8	5.6	6.4	6.1	5.8	5.7	5.5	5.4	5.3	5.2	5.2	5.1	4.8
IE	4.6	4.0	4.1	4.3	4.6	5.0	5.4	5.9	6.4	7.1	8.0	8.4	8.6
EL	10.4	11.6	11.6	12.0	12.9	14.3	16.4	18.5	20.2	21.6	22.3	22.4	22.0
ES	5.7	8.4	8.9	9.2	9.4	9.8	10.4	11.4	12.6	13.9	14.6	14.6	14.2
FR	0.2	13.0	13.5	13.5	13.5	13.5	13.8	13.9	13.8	13.7	13.5	13.4	13.3
IT	-0.9	14.0	14.0	13.9	13.9	14.0	14.4	14.8	15.0	14.8	14.2	13.6	13.1
CY	10.7	6.3	6.9	7.7	8.5	9.4	10.4	11.3	12.4	13.5	15.0	16.2	17.0
LV	-0.6	5.4	5.1	4.8	5.1	5.5	5.7	6.0	6.0	5.7	5.6	5.4	4.9
LT	4.6	6.8	6.5	6.5	6.9	7.6	8.2	8.7	9.1	9.6	10.4	11.0	11.4
LU	15.1	8.7	8.6	8.9	9.8	12.0	14.1	16.6	18.3	20.6	22.0	23.6	23.8
HU	2.6	10.9	11.3	10.9	10.9	10.8	10.8	11.2	11.9	12.5	12.9	13.3	13.5
MT	5.5	7.2	8.3	9.1	9.2	8.9	9.1	9.4	10.2	10.9	11.4	12.1	12.6
NL	4.0	6.6	6.5	7.2	7.8	8.4	9.3	10.0	10.3	10.3	10.3	10.4	10.5
AT	-0.3	12.8	12.7	12.7	12.8	13.1	13.3	13.3	13.2	13.1	13.0	12.8	12.5
PL	-3.2	11.6	10.8	9.5	9.6	9.5	9.2	9.0	8.9	8.8	8.7	8.6	8.3
PT	1.3	11.4	11.9	12.1	12.2	12.3	12.2	11.9	12.0	12.3	12.7	12.5	12.7
RO	9.2	6.6	8.4	8.5	8.8	9.4	10.4	11.5	12.6	13.7	14.8	15.3	15.8
SI	9.0	9.9	10.1	10.7	11.2	12.1	13.4	14.9	16.3	17.5	18.4	18.8	18.8
SK	3.3	6.8	6.6	6.3	6.3	6.8	7.2	7.7	8.2	8.6	9.3	9.8	10.1
FI	2.9	10.0	10.7	11.7	12.5	13.2	13.6	13.6	13.2	13.0	12.8	12.9	12.9
SE	-0.3	9.5	9.6	9.5	9.4	9.3	9.4	9.4	9.2	9.0	8.9	9.1	9.2
UK	2.6	6.6	6.7	6.8	7.0	7.2	7.6	7.8	8.0	7.9	8.1	8.6	9.2
NO	4.7	8.9	9.6	10.8	11.4	12.0	12.7	13.2	13.4	13.4	13.3	13.4	13.6
EU27	2.0	10.1	10.2	10.2	10.4	10.7	11.2	11.5	11.8	11.9	12.0	12.1	12.1
EA16	2.2	11.0	11.1	11.2	11.4	11.8	12.3	12.8	13.1	13.3	13.4	13.4	13.3
EU15	2.0	10.2	10.3	10.4	10.6	10.9	11.4	11.7	12.0	12.0	12.1	12.1	12.2
EU12	2.1	9.2	9.1	8.6	8.7	8.9	9.1	9.4	9.9	10.4	10.9	11.2	11.3
EU25	1.9	10.2	10.2	10.3	10.5	10.8	11.2	11.5	11.8	11.9	12.0	12.0	12.1
EA12	2.2	11.1	11.2	11.3	11.5	11.9	12.4	12.8	13.2	13.4	13.4	13.4	13.2
EU10	0.7	9.7	9.3	8.6	8.7	8.8	8.8	9.0	9.4	9.7	10.1	10.4	10.4

Source: Commission services.

Table A 74 - Old-age and early pensions, gross (as % of GDP) – Higher labour productivity scenario

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	4.0	9.2	9.4	10.0	10.9	12.0	12.8	13.2	13.4	13.3	13.3	13.3	13.2
BG	2.9	6.8	7.3	7.0	6.8	6.9	7.0	7.4	7.9	8.5	9.3	9.7	9.8
CZ	3.2	7.1	6.5	6.3	6.3	6.3	6.5	6.9	7.8	8.8	9.5	10.1	10.3
DK	-0.4	7.0	7.4	8.2	8.6	8.3	8.3	8.2	8.1	7.8	7.3	6.8	6.6
DE	2.4	10.4	10.2	10.1	10.5	11.0	11.6	11.9	12.1	12.2	12.4	12.6	12.8
EE	-0.6	4.9	5.5	5.2	5.0	4.9	4.8	4.7	4.6	4.6	4.6	4.5	4.2
IE	4.6	2.6	2.7	2.9	3.2	3.5	4.0	4.4	5.0	5.7	6.6	7.0	7.2
EL	7.7	8.7	8.6	9.0	9.6	10.8	12.5	14.1	15.4	16.3	16.8	16.7	16.4
ES	5.8	5.6	6.0	6.3	6.5	7.0	7.5	8.4	9.5	10.8	11.6	11.7	11.3
FR	0.2	13.0	13.5	13.5	13.5	13.5	13.8	13.9	13.8	13.7	13.5	13.4	13.3
IT	-0.7	13.5	13.5	13.5	13.5	13.6	14.0	14.4	14.7	14.5	13.9	13.3	12.8
CY	8.8	4.8	5.2	5.8	6.4	7.1	7.9	8.7	9.7	10.7	11.9	13.0	13.7
LV	-0.2	4.8	4.7	4.4	4.8	5.2	5.4	5.6	5.6	5.4	5.3	5.1	4.6
LT	4.7	5.6	5.4	5.4	5.8	6.5	7.1	7.6	7.9	8.4	9.2	10.0	10.3
LU	14.1	5.8	5.8	6.1	7.0	8.9	10.8	13.1	14.8	16.9	18.2	19.7	20.0
HU	3.4	9.0	9.5	9.5	9.8	9.6	9.6	10.0	10.8	11.3	11.8	12.2	12.4
MT	6.4	4.2	5.3	6.2	6.4	6.2	6.6	7.0	7.8	8.6	9.2	9.9	10.5
NL	4.5	4.5	4.5	5.3	5.9	6.6	7.6	8.4	8.8	8.8	8.7	8.8	9.0
AT	0.5	9.5	9.6	9.7	10.0	10.3	10.6	10.6	10.5	10.4	10.3	10.3	10.0
PL	-2.4	9.8	9.3	8.3	8.6	8.6	8.3	8.0	7.8	7.8	7.8	7.7	7.5
PT	1.0	9.1	9.6	9.8	10.1	10.2	10.1	9.7	9.7	9.9	10.2	9.9	10.1
RO	8.9	5.3	6.9	7.1	7.4	8.0	8.8	10.0	11.1	12.3	13.3	13.8	14.2
SI	8.2	7.0	7.3	8.0	8.5	9.4	10.6	11.8	13.1	14.1	14.9	15.2	15.2
SK	1.8	4.3	4.0	3.6	3.5	3.9	4.1	4.3	4.7	5.0	5.5	5.9	6.1
FI	4.1	7.5	8.2	9.5	10.4	11.3	11.8	11.8	11.6	11.4	11.3	11.4	11.6
SE	1.1	7.0	7.2	7.3	7.3	7.4	7.5	7.6	7.7	7.5	7.5	7.8	8.1
UK	3.2	5.8	6.1	6.3	6.5	6.8	7.3	7.6	7.8	7.6	7.9	8.4	9.0
NO	4.7	5.7	6.3	7.6	8.2	8.8	9.4	10.1	10.3	10.3	10.2	10.2	10.4
EU27	2.1	9.1	9.2	9.3	9.5	9.8	10.2	10.6	10.9	11.0	11.1	11.2	11.3
EA16	2.2	10.1	10.2	10.3	10.5	10.9	11.3	11.8	12.1	12.3	12.4	12.4	12.3
EU15	2.1	9.3	9.4	9.5	9.7	10.0	10.5	10.8	11.1	11.2	11.2	11.3	11.4
EU12	2.3	7.7	7.7	7.3	7.5	7.7	7.8	8.1	8.5	9.0	9.5	9.8	9.9
EU25	2.0	9.2	9.3	9.3	9.5	9.9	10.3	10.6	10.9	11.0	11.1	11.2	11.2
EA12	2.1	10.2	10.3	10.4	10.6	10.9	11.4	11.9	12.2	12.4	12.4	12.4	12.3
EU10	1.0	8.1	7.8	7.3	7.5	7.6	7.6	7.7	8.1	8.4	8.8	9.1	9.1

Source: *Commission services.*

Table A 75 - Social security pensions, gross (as % of GDP) – Zero migration scenario

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	6.8	10.0	10.3	11.2	12.5	14.1	15.4	16.4	16.9	17.1	17.1	17.0	16.8
BG	3.3	8.3	9.1	8.6	8.4	8.4	8.6	9.0	9.6	10.2	11.0	11.5	11.5
CZ	4.8	7.8	7.1	7.0	7.1	7.3	7.6	8.1	9.2	10.4	11.4	12.2	12.5
DK	1.1	9.1	9.4	10.3	10.9	10.8	11.1	11.2	11.2	11.0	10.6	10.3	10.1
DE	4.2	10.4	10.2	10.2	10.7	11.4	12.1	12.7	13.2	13.5	13.9	14.3	14.6
EE	-0.6	5.6	6.4	6.2	5.9	5.8	5.6	5.5	5.5	5.4	5.4	5.3	5.0
IE	5.5	4.0	4.1	4.5	4.9	5.4	5.9	6.5	7.2	8.1	9.1	9.4	9.4
EL	16.1	11.6	11.6	12.3	13.4	15.3	17.8	20.6	23.3	25.6	27.2	27.8	27.7
ES	9.7	8.4	9.1	9.8	10.4	11.3	12.3	13.8	15.7	17.8	19.0	19.0	18.1
FR	1.9	13.0	13.5	13.7	13.9	14.3	14.8	15.3	15.3	15.3	15.2	15.1	15.0
IT	1.7	14.0	14.1	14.5	15.0	15.6	16.6	17.5	18.3	18.5	17.6	16.7	15.7
CY	21.0	6.3	7.0	8.4	10.1	11.8	13.7	15.7	18.1	20.6	23.5	25.7	27.2
LV	-0.3	5.4	5.1	4.8	5.2	5.6	5.9	6.1	6.1	5.9	5.8	5.6	5.1
LT	4.3	6.8	6.5	6.5	6.9	7.5	8.1	8.6	8.9	9.4	10.1	10.8	11.1
LU	26.5	8.7	8.7	9.5	11.2	14.6	18.2	22.6	26.3	30.3	32.6	34.9	35.2
HU	4.4	10.9	11.3	11.1	11.3	11.3	11.5	12.1	13.0	13.7	14.4	15.0	15.2
MT	8.5	7.2	8.3	9.3	9.6	9.6	10.0	10.6	11.6	12.8	13.7	14.8	15.7
NL	5.0	6.6	6.5	7.2	7.9	8.7	9.7	10.7	11.2	11.4	11.4	11.5	11.6
AT	6.1	12.8	12.7	13.2	13.8	14.6	15.6	16.3	17.0	17.6	18.2	18.7	18.9
PL	-2.6	11.6	10.8	9.6	9.7	9.7	9.4	9.3	9.3	9.3	9.3	9.2	9.0
PT	4.9	11.4	12.0	12.4	12.9	13.4	13.8	13.8	14.4	15.3	16.1	16.0	16.3
RO	9.7	6.6	8.4	8.5	8.8	9.4	10.5	11.6	12.7	13.9	15.2	15.8	16.3
SI	11.8	9.9	10.1	10.7	11.4	12.4	14.0	15.8	17.6	19.3	20.6	21.4	21.7
SK	3.9	6.8	6.7	6.4	6.3	6.9	7.4	7.9	8.4	9.0	9.8	10.4	10.8
FI	3.9	10.0	10.8	11.9	12.9	13.9	14.5	14.6	14.3	14.1	13.9	13.9	14.0
SE	0.6	9.5	9.7	9.8	9.8	10.0	10.2	10.4	10.3	10.1	9.9	10.0	10.1
UK	5.0	6.6	6.8	7.0	7.4	7.8	8.5	9.1	9.7	9.8	10.2	11.0	11.6
NO	6.0	8.9	9.7	11.2	12.2	13.1	14.0	14.7	15.1	15.1	14.9	14.9	14.9
EU27	4.1	10.1	10.3	10.5	10.9	11.5	12.3	12.9	13.5	13.9	14.1	14.3	14.3
EA16	4.5	11.0	11.2	11.5	12.0	12.7	13.6	14.4	15.1	15.6	15.8	15.8	15.6
EU15	4.2	10.2	10.4	10.7	11.1	11.8	12.5	13.3	13.9	14.2	14.4	14.5	14.5
EU12	3.0	9.2	9.2	8.7	8.9	9.1	9.4	9.8	10.4	11.0	11.6	12.0	12.2
EU25	4.1	10.2	10.3	10.5	11.0	11.6	12.3	13.0	13.6	13.9	14.1	14.2	14.2
EA12	4.5	11.1	11.2	11.6	12.1	12.8	13.7	14.5	15.2	15.6	15.8	15.8	15.6
EU10	1.7	9.7	9.3	8.7	8.9	9.1	9.2	9.5	10.0	10.5	10.9	11.3	11.4

Source: Commission services.

Table A 76 - Old-age and early pensions, gross (as % of GDP) – Zero migration scenario

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	6.9	9.2	9.5	10.4	11.7	13.2	14.6	15.6	16.1	16.3	16.4	16.3	16.1
BG	3.4	6.8	7.3	7.0	6.9	7.0	7.1	7.6	8.1	8.8	9.6	10.1	10.2
CZ	4.9	7.1	6.5	6.4	6.5	6.7	7.0	7.6	8.7	9.9	10.9	11.7	12.0
DK	0.5	7.0	7.4	8.3	8.8	8.6	8.7	8.8	8.9	8.7	8.2	7.8	7.5
DE	4.2	10.4	10.2	10.2	10.7	11.4	12.1	12.7	13.2	13.5	13.9	14.3	14.6
EE	-0.4	4.9	5.5	5.3	5.0	5.0	4.8	4.8	4.8	4.8	4.8	4.7	4.4
IE	5.5	2.6	2.7	3.1	3.5	3.9	4.5	5.1	5.8	6.7	7.7	8.0	8.1
EL	11.7	8.7	8.6	9.2	10.1	11.5	13.5	15.7	17.6	19.3	20.3	20.6	20.4
ES	9.1	5.6	6.1	6.7	7.3	8.1	8.9	10.2	12.0	14.1	15.4	15.4	14.6
FR	1.9	13.0	13.5	13.7	13.9	14.3	14.8	15.3	15.3	15.3	15.2	15.1	15.0
IT	1.9	13.5	13.6	14.0	14.5	15.1	16.1	17.1	18.0	18.1	17.3	16.4	15.4
CY	17.0	4.8	5.3	6.3	7.6	9.0	10.5	12.2	14.2	16.4	18.9	20.6	21.8
LV	0.0	4.8	4.7	4.5	4.8	5.2	5.5	5.7	5.8	5.6	5.5	5.3	4.8
LT	4.5	5.6	5.4	5.4	5.8	6.4	7.0	7.5	7.8	8.2	9.1	9.8	10.1
LU	23.4	5.8	5.9	6.6	8.0	10.8	14.0	18.0	21.4	25.0	27.1	29.1	29.2
HU	5.1	9.0	9.5	9.7	10.1	10.1	10.2	10.8	11.8	12.5	13.2	13.8	14.1
MT	8.8	4.2	5.3	6.3	6.7	6.7	7.2	7.8	8.9	10.0	11.0	12.0	13.0
NL	5.5	4.5	4.5	5.3	6.0	6.9	8.0	9.0	9.6	9.8	9.8	9.9	10.0
AT	6.3	9.5	9.6	10.1	10.7	11.6	12.5	13.2	13.8	14.4	15.0	15.5	15.9
PL	-1.8	9.8	9.3	8.4	8.7	8.8	8.5	8.2	8.1	8.2	8.3	8.3	8.1
PT	4.0	9.1	9.7	10.1	10.6	11.1	11.5	11.4	11.8	12.5	13.1	12.9	13.1
RO	9.4	5.3	6.9	7.1	7.4	8.0	8.9	10.1	11.2	12.5	13.7	14.2	14.7
SI	10.5	7.0	7.3	8.0	8.7	9.6	11.0	12.6	14.2	15.6	16.7	17.3	17.5
SK	2.2	4.3	4.0	3.7	3.6	4.0	4.2	4.5	4.9	5.3	5.9	6.3	6.6
FI	5.0	7.5	8.3	9.6	10.8	11.8	12.6	12.7	12.5	12.4	12.3	12.4	12.5
SE	2.0	7.0	7.2	7.5	7.7	7.9	8.2	8.5	8.7	8.6	8.5	8.7	9.0
UK	5.6	5.8	6.1	6.4	6.9	7.4	8.2	8.8	9.4	9.5	10.0	10.7	11.4
NO	5.9	5.7	6.4	7.9	8.8	9.7	10.5	11.4	11.9	11.9	11.7	11.5	11.6
EU27	4.2	9.1	9.3	9.5	10.0	10.6	11.3	11.9	12.5	12.9	13.2	13.3	13.3
EA16	4.4	10.1	10.2	10.6	11.0	11.7	12.5	13.3	14.0	14.5	14.7	14.7	14.5
EU15	4.3	9.3	9.4	9.7	10.2	10.8	11.6	12.3	12.9	13.2	13.4	13.5	13.5
EU12	3.1	7.7	7.7	7.3	7.6	7.9	8.1	8.5	9.0	9.6	10.2	10.6	10.8
EU25	4.1	9.2	9.3	9.6	10.0	10.6	11.3	12.0	12.6	12.9	13.2	13.3	13.3
EA12	4.4	10.2	10.3	10.6	11.1	11.8	12.6	13.4	14.1	14.6	14.8	14.7	14.5
EU10	1.9	8.1	7.8	7.4	7.7	7.9	8.0	8.2	8.6	9.1	9.5	9.9	10.0

Source: *Commission services.*

Table A 77 - Social security pensions, gross (as % of GDP) – Higher employment rate (+1p.p.) scenario

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	4.5	10.0	10.3	10.8	11.7	12.8	13.7	14.2	14.4	14.5	14.5	14.6	14.5
BG	2.7	8.3	9.1	8.5	8.2	8.2	8.4	8.7	9.2	9.8	10.5	11.0	11.0
CZ	3.1	7.8	7.0	6.8	6.8	6.9	7.0	7.5	8.3	9.3	10.0	10.6	10.9
DK	0.0	9.1	9.4	10.1	10.5	10.4	10.4	10.4	10.3	9.9	9.5	9.2	9.1
DE	2.2	10.4	10.2	10.0	10.3	10.9	11.4	11.8	12.0	12.1	12.2	12.5	12.7
EE	-0.7	5.6	6.4	6.1	5.8	5.7	5.5	5.4	5.4	5.3	5.3	5.2	4.9
IE	4.5	4.0	4.1	4.3	4.5	4.9	5.3	5.8	6.3	7.0	7.9	8.3	8.5
EL	12.2	11.6	11.5	12.0	12.8	14.4	16.6	18.9	20.9	22.5	23.5	23.9	23.8
ES	6.5	8.4	8.9	9.2	9.4	9.9	10.7	11.7	13.1	14.5	15.3	15.4	14.9
FR	0.8	13.0	13.5	13.4	13.4	13.7	14.0	14.3	14.2	14.1	14.0	13.9	13.8
IT	-0.5	14.0	14.0	13.9	13.9	14.1	14.6	15.1	15.4	15.3	14.6	14.1	13.6
CY	11.3	6.3	6.9	7.8	8.8	9.7	10.7	11.6	12.7	13.9	15.4	16.7	17.6
LV	-0.4	5.4	5.1	4.8	5.1	5.6	5.8	6.1	6.1	5.9	5.8	5.5	5.0
LT	4.4	6.8	6.5	6.5	6.8	7.5	8.1	8.6	9.0	9.4	10.2	10.9	11.2
LU	15.2	8.7	8.6	8.8	9.7	11.9	13.9	16.4	18.2	20.5	21.9	23.6	23.9
HU	2.9	10.9	11.2	10.8	10.8	10.7	10.8	11.3	12.0	12.6	13.1	13.6	13.8
MT	6.1	7.2	8.3	9.0	9.1	9.0	9.2	9.6	10.4	11.2	11.9	12.6	13.3
NL	3.8	6.6	6.5	7.1	7.7	8.3	9.2	9.9	10.2	10.2	10.2	10.2	10.4
AT	0.6	12.8	12.7	12.6	12.7	13.0	13.4	13.5	13.6	13.6	13.6	13.6	13.4
PL	-2.9	11.6	10.8	9.5	9.6	9.6	9.3	9.2	9.1	9.1	9.0	8.9	8.7
PT	1.9	11.4	11.9	12.0	12.2	12.4	12.5	12.2	12.3	12.7	13.2	13.0	13.3
RO	9.0	6.6	8.4	8.4	8.7	9.3	10.3	11.3	12.4	13.5	14.6	15.1	15.5
SI	8.6	9.9	10.1	10.5	10.9	11.8	13.1	14.5	15.9	17.1	18.0	18.4	18.4
SK	3.4	6.8	6.6	6.3	6.2	6.8	7.2	7.7	8.2	8.7	9.3	9.8	10.2
FI	3.2	10.0	10.7	11.7	12.4	13.2	13.8	13.8	13.5	13.2	13.1	13.2	13.3
SE	-0.2	9.5	9.6	9.4	9.3	9.3	9.4	9.4	9.3	9.0	9.0	9.1	9.3
UK	2.6	6.6	6.7	6.7	6.8	7.1	7.5	7.7	8.0	7.8	8.0	8.5	9.2
NO	4.4	8.9	9.6	10.7	11.4	11.9	12.5	13.1	13.2	13.2	13.1	13.2	13.3
EU27	2.2	10.1	10.2	10.2	10.4	10.7	11.2	11.6	11.9	12.1	12.2	12.3	12.4
EA16	2.6	11.0	11.1	11.1	11.4	11.8	12.4	13.0	13.4	13.6	13.7	13.7	13.7
EU15	2.3	10.2	10.3	10.3	10.5	10.9	11.4	11.8	12.1	12.2	12.3	12.4	12.5
EU12	2.2	9.2	9.1	8.6	8.6	8.9	9.1	9.4	9.9	10.5	11.0	11.3	11.4
EU25	2.2	10.2	10.2	10.2	10.4	10.8	11.2	11.6	12.0	12.1	12.2	12.3	12.4
EA12	2.6	11.1	11.2	11.2	11.4	11.9	12.5	13.0	13.4	13.7	13.7	13.7	13.7
EU10	0.9	9.7	9.3	8.6	8.7	8.8	8.9	9.1	9.5	9.9	10.3	10.6	10.6

Source: Commission services.

Table A 78 - Old-age and early pensions, gross (as % of GDP) – Higher employment rate (+1p.p.) scenario

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	4.6	9.2	9.4	10.0	10.9	12.0	12.9	13.5	13.7	13.8	13.8	13.9	13.8
BG	2.9	6.8	7.3	6.9	6.7	6.8	6.9	7.3	7.8	8.4	9.2	9.7	9.7
CZ	3.2	7.1	6.5	6.3	6.2	6.3	6.5	6.9	7.8	8.8	9.6	10.1	10.3
DK	-0.5	7.0	7.4	8.1	8.5	8.2	8.2	8.1	8.1	7.7	7.2	6.8	6.6
DE	2.2	10.4	10.2	10.0	10.3	10.9	11.4	11.8	12.0	12.1	12.2	12.5	12.7
EE	-0.5	4.9	5.5	5.2	5.0	4.9	4.8	4.7	4.7	4.7	4.7	4.6	4.4
IE	4.5	2.6	2.7	2.9	3.1	3.5	3.9	4.3	4.9	5.6	6.5	6.9	7.1
EL	9.0	8.7	8.6	8.9	9.6	10.9	12.6	14.4	15.9	17.0	17.7	17.9	17.7
ES	6.4	5.6	6.0	6.3	6.5	7.1	7.7	8.6	9.9	11.3	12.2	12.3	12.0
FR	0.8	13.0	13.5	13.4	13.4	13.7	14.0	14.3	14.2	14.1	14.0	13.9	13.8
IT	-0.2	13.5	13.5	13.4	13.4	13.7	14.2	14.7	15.1	15.0	14.3	13.8	13.2
CY	9.3	4.8	5.3	5.9	6.6	7.3	8.1	8.9	9.9	10.9	12.3	13.3	14.1
LV	0.0	4.8	4.7	4.4	4.8	5.2	5.4	5.7	5.7	5.5	5.4	5.2	4.7
LT	4.6	5.6	5.4	5.4	5.7	6.4	7.0	7.5	7.8	8.3	9.1	9.9	10.2
LU	14.2	5.8	5.8	6.1	6.9	8.8	10.7	13.0	14.7	16.8	18.2	19.7	20.1
HU	3.7	9.0	9.5	9.5	9.7	9.6	9.6	10.0	10.9	11.5	12.0	12.5	12.7
MT	6.9	4.2	5.3	6.1	6.4	6.3	6.7	7.1	8.0	8.8	9.6	10.4	11.1
NL	4.4	4.5	4.5	5.2	5.8	6.6	7.5	8.3	8.7	8.7	8.6	8.7	8.9
AT	1.2	9.5	9.6	9.7	9.9	10.4	10.8	10.9	10.9	10.9	10.9	10.8	10.7
PL	-2.0	9.8	9.3	8.3	8.6	8.7	8.4	8.1	8.0	8.0	8.0	8.0	7.8
PT	1.5	9.1	9.6	9.8	10.1	10.3	10.3	10.0	10.1	10.3	10.6	10.4	10.6
RO	8.7	5.3	6.9	7.0	7.3	7.9	8.7	9.8	10.9	12.1	13.1	13.6	14.0
SI	7.9	7.0	7.3	7.9	8.3	9.1	10.3	11.6	12.8	13.8	14.6	14.9	14.9
SK	1.9	4.3	4.0	3.6	3.5	3.9	4.1	4.4	4.7	5.1	5.6	6.0	6.2
FI	4.4	7.5	8.2	9.4	10.4	11.3	12.0	12.1	11.8	11.7	11.7	11.8	11.9
SE	1.1	7.0	7.2	7.3	7.2	7.3	7.5	7.6	7.7	7.5	7.5	7.8	8.1
UK	3.2	5.8	6.1	6.2	6.4	6.7	7.2	7.5	7.7	7.6	7.8	8.3	9.0
NO	4.5	5.7	6.3	7.5	8.2	8.8	9.3	10.0	10.2	10.2	10.0	10.0	10.2
EU27	2.4	9.1	9.2	9.2	9.4	9.8	10.3	10.7	11.0	11.2	11.3	11.4	11.5
EA16	2.5	10.1	10.2	10.2	10.4	10.9	11.4	11.9	12.3	12.6	12.7	12.7	12.6
EU15	2.4	9.3	9.4	9.4	9.6	10.0	10.5	10.9	11.2	11.4	11.4	11.5	11.6
EU12	2.4	7.7	7.7	7.2	7.4	7.6	7.8	8.1	8.6	9.1	9.6	9.9	10.1
EU25	2.3	9.2	9.3	9.3	9.5	9.8	10.3	10.7	11.0	11.2	11.3	11.4	11.5
EA12	2.5	10.2	10.3	10.3	10.5	11.0	11.5	12.0	12.4	12.7	12.7	12.8	12.7
EU10	1.2	8.1	7.8	7.3	7.5	7.6	7.7	7.8	8.2	8.5	8.9	9.2	9.3

Source: Commission services.

Table A 79 - Social security pensions, gross (as % of GDP) – Higher older workers employment rate (+5p.p.) scenario

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	4.4	10.0	10.2	10.7	11.5	12.6	13.5	14.0	14.3	14.3	14.3	14.4	14.4
BG	3.2	8.3	9.1	8.6	8.2	8.2	8.3	8.7	9.2	9.9	10.7	11.3	11.5
CZ	4.3	7.8	7.1	6.8	6.8	7.0	7.2	7.8	8.8	9.9	10.8	11.6	12.0
DK	0.0	9.1	9.4	10.1	10.5	10.3	10.4	10.4	10.3	9.9	9.5	9.2	9.1
DE	2.3	10.4	10.2	10.0	10.3	10.9	11.4	11.8	12.0	12.1	12.2	12.5	12.7
EE	-0.7	5.6	6.4	6.1	5.8	5.8	5.6	5.5	5.4	5.3	5.3	5.2	4.9
IE	4.5	4.0	4.1	4.3	4.6	4.9	5.3	5.8	6.3	7.0	7.9	8.3	8.5
EL	12.1	11.6	11.5	12.0	12.8	14.3	16.5	18.8	20.8	22.4	23.5	23.9	23.8
ES	6.7	8.4	8.9	9.0	9.2	9.7	10.5	11.6	13.1	14.6	15.4	15.5	15.1
FR	0.6	13.0	13.4	13.3	13.1	13.4	13.7	14.0	14.0	13.9	13.8	13.7	13.6
IT	-0.3	14.0	14.0	13.8	13.8	14.0	14.6	15.1	15.5	15.5	14.8	14.2	13.7
CY	11.4	6.3	6.9	7.8	8.8	9.8	10.7	11.7	12.8	14.0	15.5	16.7	17.6
LV	-0.4	5.4	5.1	4.8	5.1	5.6	5.8	6.1	6.1	5.9	5.8	5.6	5.1
LT	4.4	6.8	6.5	6.5	6.8	7.5	8.1	8.6	9.0	9.4	10.2	10.9	11.2
LU	15.1	8.7	8.6	8.8	9.7	11.8	13.9	16.4	18.1	20.4	21.8	23.5	23.8
HU	2.8	10.9	11.2	10.8	10.8	10.7	10.8	11.2	11.9	12.5	13.0	13.5	13.7
MT	6.1	7.2	8.3	9.0	9.1	9.0	9.2	9.6	10.4	11.2	11.8	12.6	13.3
NL	3.8	6.6	6.5	7.1	7.7	8.3	9.2	9.9	10.2	10.2	10.2	10.2	10.4
AT	0.4	12.8	12.6	12.6	12.7	13.0	13.4	13.6	13.6	13.6	13.5	13.4	13.1
PL	-2.9	11.6	10.8	9.5	9.6	9.6	9.3	9.2	9.1	9.0	9.0	8.9	8.7
PT	1.9	11.4	11.9	12.1	12.2	12.4	12.5	12.1	12.3	12.7	13.2	13.0	13.3
RO	8.8	6.6	8.4	8.4	8.6	9.2	10.2	11.2	12.2	13.3	14.4	15.0	15.4
SI	8.9	9.9	10.1	10.5	11.0	11.9	13.3	14.8	16.2	17.4	18.3	18.7	18.8
SK	3.3	6.8	6.6	6.3	6.2	6.8	7.2	7.7	8.2	8.6	9.3	9.8	10.2
FI	3.2	10.0	10.7	11.7	12.4	13.2	13.8	13.8	13.5	13.2	13.1	13.2	13.3
SE	-0.3	9.5	9.6	9.4	9.3	9.3	9.3	9.4	9.3	9.0	8.9	9.1	9.2
UK	2.6	6.6	6.7	6.7	6.8	7.1	7.5	7.8	8.0	7.8	8.0	8.5	9.2
NO	:	:	:	:	:	:	:	:	:	:	:	:	:
EU27	2.2	10.1	10.2	10.1	10.3	10.7	11.2	11.6	11.9	12.1	12.2	12.3	12.4
EA16	2.6	11.0	11.1	11.1	11.3	11.8	12.4	12.9	13.3	13.6	13.7	13.7	13.6
EU15	2.2	10.2	10.3	10.3	10.5	10.8	11.4	11.8	12.1	12.2	12.3	12.4	12.4
EU12	2.4	9.2	9.1	8.6	8.7	8.9	9.1	9.5	10.0	10.5	11.0	11.4	11.6
EU25	2.2	10.2	10.2	10.2	10.3	10.7	11.2	11.6	11.9	12.1	12.2	12.3	12.3
EA12	2.5	11.1	11.2	11.2	11.4	11.8	12.4	13.0	13.4	13.6	13.7	13.7	13.6
EU10	1.1	9.7	9.3	8.6	8.7	8.9	8.9	9.2	9.6	10.0	10.4	10.7	10.8

Source: Commission services.

Table A 80 - Old-age and early pensions, gross (as % of GDP) – Higher older workers employment rate (+5p.p.) scenario

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	4.5	9.2	9.4	9.9	10.7	11.8	12.7	13.3	13.5	13.6	13.6	13.7	13.7
BG	3.2	6.8	7.3	6.8	6.6	6.6	6.7	7.1	7.7	8.4	9.2	9.9	10.0
CZ	4.3	7.1	6.5	6.3	6.3	6.4	6.7	7.2	8.2	9.4	10.3	11.0	11.4
DK	-0.5	7.0	7.4	8.1	8.5	8.2	8.2	8.1	8.1	7.7	7.2	6.8	6.6
DE	2.3	10.4	10.2	10.0	10.3	10.9	11.4	11.8	12.0	12.1	12.2	12.5	12.7
EE	-0.5	4.9	5.5	5.2	5.0	5.0	4.8	4.7	4.7	4.7	4.7	4.6	4.4
IE	4.5	2.6	2.7	2.9	3.2	3.5	3.9	4.3	4.9	5.6	6.5	7.0	7.1
EL	9.0	8.7	8.6	8.9	9.6	10.8	12.6	14.4	15.8	17.0	17.7	17.9	17.7
ES	6.5	5.6	6.0	6.1	6.3	6.8	7.5	8.5	9.9	11.4	12.3	12.4	12.1
FR	0.6	13.0	13.4	13.3	13.1	13.4	13.7	14.0	14.0	13.9	13.8	13.7	13.6
IT	-0.1	13.5	13.5	13.3	13.3	13.6	14.1	14.7	15.2	15.2	14.5	13.9	13.4
CY	9.3	4.8	5.3	5.9	6.6	7.4	8.2	9.0	10.0	11.0	12.3	13.4	14.1
LV	0.0	4.8	4.7	4.4	4.8	5.2	5.5	5.7	5.7	5.6	5.4	5.3	4.8
LT	4.6	5.6	5.4	5.4	5.7	6.4	7.0	7.5	7.8	8.3	9.1	9.8	10.2
LU	14.3	5.8	5.8	6.1	6.9	8.8	10.7	13.0	14.7	16.8	18.2	19.8	20.1
HU	3.6	9.0	9.5	9.4	9.7	9.6	9.6	9.9	10.8	11.4	11.9	12.4	12.5
MT	6.9	4.2	5.3	6.1	6.4	6.3	6.7	7.1	7.9	8.8	9.5	10.3	11.1
NL	4.4	4.5	4.5	5.2	5.8	6.6	7.5	8.3	8.7	8.7	8.6	8.7	8.9
AT	1.1	9.5	9.5	9.6	9.9	10.3	10.7	10.9	10.9	10.8	10.8	10.8	10.6
PL	-2.0	9.8	9.3	8.3	8.6	8.7	8.4	8.1	8.0	8.0	8.0	8.0	7.8
PT	1.5	9.1	9.6	9.8	10.1	10.3	10.3	10.0	10.0	10.3	10.6	10.4	10.6
RO	8.6	5.3	6.9	7.0	7.2	7.9	8.6	9.8	10.8	12.0	13.0	13.5	13.9
SI	8.2	7.0	7.3	7.9	8.4	9.3	10.5	11.8	13.0	14.1	14.9	15.2	15.2
SK	1.9	4.3	4.0	3.6	3.5	3.9	4.1	4.4	4.7	5.1	5.6	6.0	6.2
FI	4.4	7.5	8.2	9.4	10.4	11.3	12.0	12.1	11.8	11.7	11.7	11.8	11.9
SE	1.1	7.0	7.2	7.3	7.2	7.3	7.5	7.6	7.7	7.5	7.5	7.8	8.1
UK	3.2	5.8	6.1	6.2	6.4	6.7	7.2	7.5	7.7	7.6	7.8	8.3	9.0
NO	:	:	:	:	:	:	:	:	:	:	:	:	:
EU27	2.4	9.1	9.2	9.2	9.4	9.8	10.2	10.7	11.0	11.2	11.3	11.4	11.5
EA16	2.5	10.1	10.2	10.2	10.4	10.8	11.4	11.9	12.3	12.6	12.7	12.7	12.6
EU15	2.3	9.3	9.4	9.4	9.6	10.0	10.5	10.9	11.2	11.4	11.4	11.5	11.6
EU12	2.6	7.7	7.7	7.2	7.4	7.7	7.8	8.1	8.6	9.2	9.7	10.1	10.2
EU25	2.3	9.2	9.3	9.2	9.4	9.8	10.3	10.7	11.0	11.2	11.3	11.4	11.5
EA12	2.5	10.2	10.2	10.2	10.4	10.9	11.5	12.0	12.4	12.6	12.7	12.7	12.7
EU10	1.4	8.1	7.8	7.3	7.5	7.7	7.7	7.9	8.2	8.6	9.1	9.4	9.5

Source: Commission services.

Table A 81 – Social security pensions, gross as % of GDP (percentage points change from 2007) - Baseline													
Country	Ch. 08-60	2008	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	4.7	0.1	0.3	0.9	1.8	3.0	3.9	4.4	4.6	4.7	4.8	4.8	4.8
BG	2.5	0.5	0.8	0.3	0.1	0.1	0.3	0.7	1.2	1.8	2.5	3.0	3.0
CZ	3.6	-0.3	-0.7	-0.9	-0.9	-0.8	-0.6	-0.2	0.7	1.7	2.4	3.0	3.3
DK	0.0	0.1	0.3	1.1	1.6	1.4	1.5	1.4	1.3	1.0	0.5	0.2	0.1
DE	2.4	-0.1	-0.2	-0.4	0.0	0.5	1.1	1.4	1.6	1.7	1.9	2.1	2.3
EE	-1.4	0.7	0.8	0.5	0.3	0.2	0.0	-0.2	-0.2	-0.3	-0.3	-0.4	-0.7
IE	4.5	0.1	0.1	0.3	0.6	1.0	1.4	1.9	2.4	3.2	4.0	4.4	4.6
EL	12.5	-0.1	-0.1	0.5	1.5	3.1	5.4	7.7	9.7	11.3	12.3	12.6	12.4
ES	6.6	0.1	0.5	0.8	1.1	1.6	2.4	3.4	4.8	6.2	7.0	7.1	6.7
FR	0.8	0.2	0.4	0.5	0.6	0.8	1.2	1.4	1.4	1.3	1.2	1.1	1.0
IT	-0.5	0.1	0.0	0.0	0.1	0.3	0.8	1.2	1.6	1.4	0.7	0.2	-0.4
CY	11.1	0.3	0.6	1.5	2.6	3.5	4.5	5.4	6.5	7.7	9.2	10.5	11.4
LV	-0.1	-0.2	-0.3	-0.6	-0.3	0.2	0.4	0.7	0.7	0.5	0.4	0.1	-0.4
LT	4.7	-0.2	-0.3	-0.3	0.1	0.8	1.4	1.9	2.3	2.8	3.6	4.2	4.6
LU	15.3	0.0	-0.1	0.2	1.2	3.4	5.5	8.0	9.7	12.0	13.4	15.0	15.2
HU	2.7	0.3	0.4	0.1	0.2	0.1	0.2	0.6	1.3	1.9	2.4	2.8	3.0
MT	5.6	0.6	1.1	1.9	2.1	1.9	2.1	2.5	3.3	4.1	4.8	5.5	6.2
NL	4.2	-0.2	-0.1	0.6	1.2	1.9	2.7	3.4	3.8	3.8	3.7	3.8	4.0
AT	0.9	-0.1	-0.1	0.0	0.3	0.6	1.0	1.2	1.2	1.2	1.2	1.1	0.9
PL	-3.1	0.2	-0.7	-2.0	-1.8	-1.9	-2.2	-2.3	-2.4	-2.4	-2.5	-2.6	-2.8
PT	1.6	0.4	0.6	0.7	1.0	1.2	1.2	0.9	1.1	1.5	2.0	1.8	2.1
RO	8.2	1.0	1.8	1.9	2.3	2.8	3.9	5.0	6.0	7.2	8.3	8.8	9.2
SI	8.6	0.1	0.2	0.7	1.2	2.1	3.4	4.9	6.3	7.5	8.3	8.7	8.8
SK	3.5	0.0	-0.2	-0.5	-0.5	0.1	0.5	1.0	1.5	1.9	2.6	3.1	3.4
FI	3.2	0.2	0.7	1.7	2.6	3.4	3.9	3.9	3.6	3.3	3.2	3.3	3.3
SE	-0.2	0.0	0.1	0.0	-0.1	-0.1	0.0	-0.1	-0.2	-0.4	-0.5	-0.3	-0.1
UK	2.6	0.1	0.2	0.2	0.3	0.6	1.0	1.3	1.5	1.3	1.5	2.0	2.7
NO	4.8	-0.1	0.7	1.9	2.6	3.2	3.8	4.3	4.5	4.5	4.4	4.6	4.7
EU27	2.3	0.1	0.1	0.1	0.4	0.7	1.2	1.6	2.0	2.1	2.2	2.3	2.4
EA16	2.7	0.0	0.1	0.2	0.5	1.0	1.5	2.1	2.5	2.7	2.8	2.8	2.8
EU15	2.3	0.0	0.1	0.2	0.4	0.8	1.4	1.8	2.1	2.2	2.2	2.3	2.4
EU12	2.1	0.2	0.0	-0.6	-0.4	-0.2	0.0	0.4	0.9	1.4	1.9	2.2	2.3
EU25	2.3	0.0	0.1	0.1	0.3	0.7	1.2	1.6	1.9	2.0	2.1	2.2	2.3
EA12	2.7	0.0	0.1	0.2	0.5	1.0	1.6	2.1	2.5	2.7	2.8	2.8	2.7
EU10	0.9	0.1	-0.4	-1.0	-0.9	-0.8	-0.7	-0.5	-0.1	0.3	0.7	1.0	1.0

Source: Commission services.

Table A 82 – Social security pensions, gross as % of GDP (p.p. ch from 2007 due to Dependency ratio) - Baseline													
Country	Ch. 08-60	2008	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	7.7	-0.1	0.1	0.9	1.8	3.0	4.5	5.6	6.3	6.6	6.9	7.2	7.7
BG	12.8	0.0	0.1	1.1	2.1	2.9	3.8	4.7	6.2	8.2	10.2	12.1	12.8
CZ	15.7	0.1	0.6	2.4	4.2	5.2	5.9	6.7	8.6	11.5	13.3	14.8	15.8
DK	7.4	0.2	0.7	2.3	3.4	4.4	5.7	7.0	7.6	7.6	7.1	7.0	7.6
DE	10.1	0.1	0.5	0.8	1.9	3.4	5.7	8.0	8.7	8.8	9.3	9.9	10.2
EE	6.8	0.0	0.0	0.4	0.9	1.5	2.1	2.5	3.1	3.8	4.9	6.4	6.8
IE	6.7	0.0	0.1	0.6	1.0	1.5	2.1	2.7	3.6	4.7	6.0	6.6	6.8
EL	12.4	0.1	0.2	1.2	2.2	3.3	4.6	6.6	8.7	10.8	12.4	12.6	12.4
ES	12.2	0.0	0.1	0.6	1.1	2.1	3.5	5.4	7.7	10.3	12.0	12.5	12.2
FR	10.3	0.1	0.3	2.1	3.9	5.5	7.2	8.6	9.7	9.8	10.1	10.3	10.4
IT	13.4	0.1	0.4	1.6	2.5	3.6	5.7	8.4	11.1	12.9	13.5	13.6	13.5
CY	9.5	0.0	0.1	0.8	1.7	2.6	3.5	4.1	4.7	5.6	7.1	8.5	9.6
LV	8.6	0.0	0.1	0.3	0.7	1.4	2.1	2.7	3.5	4.4	5.8	7.7	8.7
LT	12.8	0.1	0.1	0.4	1.0	2.1	3.6	4.8	6.0	6.9	8.5	10.9	12.8
LU	7.6	0.1	0.1	0.6	1.5	2.7	4.2	5.7	6.5	6.9	7.1	7.3	7.7
HU	16.0	0.2	0.5	1.5	3.4	4.7	5.1	6.1	7.9	11.0	13.0	14.7	16.2
MT	14.6	0.2	0.7	2.7	4.4	6.1	7.3	7.6	8.3	9.6	11.3	13.0	14.7
NL	7.8	0.1	0.4	1.7	2.8	4.1	5.7	7.1	7.7	7.5	7.4	7.5	7.9
AT	12.9	0.2	0.5	1.2	2.1	3.9	6.7	9.4	10.7	11.1	11.9	12.4	13.1
PL	30.5	0.0	0.0	1.8	5.0	8.5	10.4	11.5	13.6	17.2	22.4	27.1	30.5
PT	12.8	0.1	0.4	1.3	2.2	3.4	4.9	6.4	8.4	10.6	12.1	12.7	12.9
RO	13.5	0.0	0.0	0.4	1.3	2.4	2.8	4.3	6.0	8.2	10.1	12.8	13.6
SI	17.0	0.1	0.5	1.6	3.7	5.9	7.9	9.9	11.6	13.9	16.0	17.2	17.2
SK	21.5	0.0	0.2	1.1	3.1	5.0	6.6	7.8	9.7	12.9	16.1	19.2	21.5
FI	9.9	0.0	0.4	2.8	4.9	6.4	7.7	8.5	8.2	8.4	8.9	9.2	9.9
SE	7.2	0.1	0.5	1.8	2.6	3.2	4.0	4.7	5.2	5.3	5.6	6.3	7.3
UK	4.9	0.0	0.2	0.8	1.2	1.7	2.5	3.2	3.5	3.5	3.8	4.4	4.9
NO	8.7	0.0	0.2	1.4	2.4	3.6	4.8	6.2	7.2	7.5	7.7	8.0	8.7
EU27	11.3	0.1	0.3	1.2	2.4	3.6	5.2	6.8	8.1	9.2	10.1	11.0	11.4
EA16	11.2	0.1	0.3	1.2	2.3	3.7	5.5	7.5	9.0	10.0	10.8	11.2	11.3
EU15	9.5	0.1	0.3	1.2	2.1	3.2	4.8	6.5	7.7	8.3	8.9	9.4	9.6
EU12	19.6	0.0	0.2	1.3	3.1	5.0	6.1	7.4	9.2	12.0	14.9	17.9	19.7
EU25	11.0	0.1	0.3	1.3	2.4	3.6	5.2	6.8	8.1	9.1	10.0	10.7	11.1
EA12	11.0	0.1	0.3	1.2	2.3	3.6	5.4	7.4	8.9	9.9	10.6	11.0	11.0
EU10	21.6	0.1	0.2	1.6	3.8	6.0	7.4	8.4	10.3	13.2	16.4	19.5	21.6

Source: Commission services.

Table A 83 - Social security pensions, gross as % of GDP (p.p. ch from 2007 due to Coverage ratio) - Baseline

Country	Ch. 08-60	2008	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	-0.8	0.1	0.1	0.1	0.1	-0.1	-0.3	-0.5	-0.6	-0.6	-0.6	-0.6	-0.7
BG	-3.2	0.0	-0.1	-0.6	-1.2	-1.5	-1.7	-1.6	-1.8	-2.2	-2.4	-2.9	-3.3
CZ	-4.5	-0.2	-0.5	-1.5	-2.3	-2.9	-3.2	-3.2	-3.6	-4.1	-4.3	-4.5	-4.7
DK	-5.9	-0.1	-0.3	-0.8	-1.2	-2.0	-3.1	-3.8	-4.3	-4.6	-4.9	-5.3	-6.0
DE	-2.0	0.0	-0.2	-0.2	-0.5	-0.8	-1.3	-1.8	-1.9	-1.9	-1.9	-2.0	-2.0
EE	-2.0	0.0	0.1	-0.2	-0.5	-0.7	-0.9	-1.0	-1.1	-1.2	-1.4	-1.8	-2.0
IE	-1.3	0.0	-0.1	-0.3	-0.5	-0.6	-0.7	-0.8	-1.0	-1.2	-1.3	-1.3	-1.4
EL	-0.7	-0.1	-0.2	-0.7	-0.9	-1.1	-1.0	-1.1	-1.1	-1.2	-1.2	-1.0	-0.8
ES	-0.7	0.0	-0.1	-0.3	-0.3	-0.3	-0.4	-0.5	-0.6	-0.7	-0.8	-0.8	-0.8
FR	-2.5	0.2	0.3	-0.5	-1.0	-1.4	-1.7	-2.0	-2.3	-2.2	-2.2	-2.3	-2.3
IT	-3.3	-0.2	-0.5	-1.4	-1.6	-1.6	-1.8	-2.3	-2.8	-3.3	-3.6	-3.5	-3.6
CY	0.9	0.2	0.5	0.7	0.8	0.9	0.9	1.0	1.1	1.2	1.1	1.1	1.1
LV	-1.7	-0.1	-0.3	-0.7	-0.7	-0.7	-0.9	-0.9	-1.0	-1.1	-1.2	-1.5	-1.8
LT	-2.1	-0.1	-0.1	-0.1	0.0	-0.2	-0.7	-1.1	-1.3	-1.3	-1.4	-1.8	-2.2
LU	2.6	0.1	0.3	0.9	1.2	1.5	1.6	1.8	2.1	2.4	2.6	2.8	2.7
HU	-6.7	-0.1	-0.6	-1.2	-2.4	-3.3	-3.3	-3.5	-4.0	-5.3	-5.8	-6.3	-6.8
MT	-3.1	0.3	0.3	-0.4	-0.8	-1.3	-1.7	-1.8	-1.9	-2.2	-2.6	-2.7	-2.9
NL	-1.4	-0.1	-0.2	-0.5	-0.7	-1.0	-1.2	-1.3	-1.4	-1.4	-1.4	-1.4	-1.5
AT	-2.8	-0.1	-0.2	-0.3	-0.5	-1.3	-2.5	-3.7	-4.0	-3.7	-3.5	-3.2	-2.9
PL	-10.6	-0.4	-0.9	-2.9	-5.0	-6.9	-7.7	-7.7	-7.8	-8.3	-9.4	-10.3	-10.9
PT	-1.6	0.0	-0.1	-0.3	-0.4	-0.6	-0.8	-1.0	-1.4	-1.8	-1.9	-1.8	-1.7
RO	-4.1	0.0	-0.3	-0.7	-1.5	-2.2	-1.8	-2.2	-2.5	-2.9	-3.2	-4.0	-4.2
SI	-3.2	0.0	-0.2	-0.3	-1.2	-1.8	-2.0	-2.2	-2.2	-2.5	-2.8	-3.1	-3.2
SK	-5.0	-0.1	-0.3	-0.9	-2.0	-2.5	-2.9	-3.0	-3.2	-3.8	-4.3	-4.7	-5.0
FI	-3.2	0.1	0.0	-1.1	-1.7	-2.2	-2.5	-2.8	-2.8	-2.9	-3.0	-3.0	-3.2
SE	-0.4	0.0	-0.1	-0.5	-0.3	-0.2	-0.2	-0.3	-0.2	-0.2	-0.2	-0.2	-0.4
UK	-1.5	0.0	0.1	-0.4	-0.7	-0.9	-0.9	-1.1	-1.1	-1.3	-1.6	-1.6	-1.5
NO	-0.9	0.0	0.2	0.2	0.0	-0.3	-0.5	-0.7	-1.0	-0.9	-0.9	-0.9	-0.9
EU27	-2.7	-0.1	-0.2	-0.7	-1.2	-1.5	-1.8	-2.1	-2.2	-2.4	-2.6	-2.7	-2.8
EA16	-2.0	0.0	-0.1	-0.5	-0.8	-1.0	-1.3	-1.6	-1.8	-2.0	-2.0	-2.0	-2.0
EU15	-1.9	0.0	-0.1	-0.5	-0.7	-0.9	-1.2	-1.5	-1.7	-1.8	-1.9	-1.9	-1.9
EU12	-6.1	-0.2	-0.5	-1.4	-2.6	-3.5	-3.8	-3.9	-4.2	-4.7	-5.2	-5.9	-6.2
EU25	-2.5	-0.1	-0.2	-0.7	-1.1	-1.4	-1.7	-2.0	-2.2	-2.3	-2.5	-2.6	-2.6
EA12	-1.9	0.0	-0.1	-0.5	-0.7	-1.0	-1.3	-1.6	-1.8	-1.9	-2.0	-2.0	-1.9
EU10	-6.8	-0.2	-0.6	-1.8	-3.0	-4.1	-4.6	-4.6	-4.9	-5.4	-6.0	-6.6	-7.0

Source: Commission services.

Table A 84 - Social security pensions, gross as % of GDP (p.p. ch from 2007 due to Employment effect) - Baseline

Country	Ch. 08-60	2008	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	-0.5	0.0	-0.1	-0.4	-0.5	-0.4	-0.4	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5
BG	-0.4	-0.1	-0.3	-0.6	-0.6	-0.5	-0.5	-0.4	-0.3	-0.3	-0.3	-0.4	-0.5
CZ	-0.4	0.0	-0.2	-0.4	-0.5	-0.4	-0.3	-0.4	-0.3	-0.4	-0.4	-0.4	-0.4
DK	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.2	-0.1	-0.1	-0.1
DE	-0.6	-0.1	-0.2	-0.5	-0.6	-0.6	-0.7	-0.8	-0.8	-0.7	-0.7	-0.7	-0.7
EE	-0.2	0.0	-0.2	-0.3	-0.3	-0.2	-0.2	-0.2	-0.2	-0.2	-0.1	-0.2	-0.2
IE	-0.2	0.0	-0.1	-0.1	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
EL	-0.5	-0.1	-0.2	-0.5	-0.7	-0.6	-0.5	-0.5	-0.5	-0.5	-0.6	-0.6	-0.6
ES	-0.8	0.0	-0.2	-0.5	-0.6	-0.6	-0.7	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8
FR	-0.5	0.0	0.0	-0.2	-0.3	-0.3	-0.4	-0.4	-0.5	-0.5	-0.5	-0.5	-0.5
IT	-1.1	0.0	-0.3	-0.7	-0.9	-1.0	-1.1	-1.1	-1.1	-1.2	-1.2	-1.1	-1.1
CY	-0.4	-0.1	-0.2	-0.4	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5
LV	-0.1	0.0	-0.2	-0.3	-0.2	-0.2	-0.1	-0.1	-0.1	-0.1	0.0	0.0	-0.2
LT	0.0	0.0	-0.2	-0.3	-0.3	-0.3	-0.2	-0.1	-0.1	-0.1	0.0	0.0	-0.1
LU	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	-0.1	-0.1	-0.1	0.0	0.0	0.0
HU	-0.6	-0.1	-0.3	-0.7	-0.9	-1.0	-0.8	-0.7	-0.6	-0.7	-0.7	-0.7	-0.7
MT	-0.6	0.1	0.0	-0.2	-0.4	-0.5	-0.6	-0.6	-0.5	-0.5	-0.5	-0.5	-0.6
NL	-0.1	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.2	-0.2	-0.2	-0.1	-0.1
AT	-0.4	0.0	-0.1	-0.2	-0.2	-0.2	-0.3	-0.5	-0.5	-0.5	-0.5	-0.4	-0.5
PL	-0.8	-0.2	-0.6	-0.8	-1.0	-1.2	-1.2	-1.0	-0.8	-0.8	-0.9	-0.9	-1.0
PT	-0.5	-0.1	-0.3	-0.5	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6
RO	0.2	-0.1	-0.1	-0.2	-0.2	-0.2	0.0	0.1	0.2	0.2	0.2	0.1	0.1
SI	-0.1	0.0	-0.1	-0.2	-0.3	-0.2	-0.1	0.0	0.1	0.0	-0.1	-0.1	-0.1
SK	-0.6	0.0	-0.1	-0.5	-0.7	-0.8	-0.7	-0.6	-0.5	-0.5	-0.5	-0.5	-0.6
FI	-0.5	-0.1	-0.1	-0.3	-0.4	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5
SE	-0.4	-0.1	-0.1	-0.3	-0.4	-0.3	-0.3	-0.3	-0.4	-0.4	-0.4	-0.4	-0.4
UK	-0.2	0.0	0.0	-0.1	-0.1	-0.1	-0.2	-0.2	-0.2	-0.3	-0.3	-0.3	-0.3
NO	0.1	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.3	0.2
EU27	-0.6	-0.1	-0.2	-0.4	-0.5	-0.5	-0.5	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6
EA16	-0.6	0.0	-0.2	-0.4	-0.6	-0.6	-0.6	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7
EU15	-0.5	0.0	-0.1	-0.4	-0.5	-0.5	-0.5	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6
EU12	-0.4	-0.1	-0.3	-0.5	-0.6	-0.7	-0.6	-0.5	-0.4	-0.4	-0.4	-0.5	-0.5
EU25	-0.6	-0.1	-0.2	-0.4	-0.5	-0.5	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6
EA12	-0.6	0.0	-0.2	-0.4	-0.6	-0.6	-0.6	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7
EU10	-0.6	-0.1	-0.4	-0.6	-0.7	-0.8	-0.8	-0.7	-0.6	-0.6	-0.6	-0.7	-0.7

Source: Commission services.

Table A 85 - Social security pensions, gross as % of GDP (p.p. ch from 2007 due to Benefit ratio) - Baseline

Country	Ch. 08-60	2008	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	-0.5	0.0	0.2	0.4	0.5	0.5	0.5	0.3	0.1	-0.1	-0.3	-0.4	-0.6
BG	-2.2	0.6	1.2	0.6	0.1	-0.3	-0.7	-1.0	-1.2	-1.4	-1.5	-1.6	-1.5
CZ	-1.1	-0.2	-0.6	-1.1	-1.4	-1.6	-1.7	-1.6	-1.5	-1.3	-1.3	-1.3	-1.3
DK	-0.5	0.0	-0.1	-0.2	-0.4	-0.4	-0.4	-0.4	-0.5	-0.6	-0.6	-0.5	-0.5
DE	-1.8	-0.1	-0.3	-0.4	-0.5	-0.8	-1.2	-1.7	-1.8	-1.9	-1.9	-1.9	-1.9
EE	-3.2	0.7	1.0	0.6	0.1	-0.3	-0.8	-1.1	-1.3	-1.6	-2.0	-2.3	-2.5
IE	0.5	0.1	0.1	0.2	0.3	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6
EL	1.4	0.0	0.1	0.5	1.0	1.6	2.3	2.6	2.5	2.2	1.9	1.7	1.4
ES	-1.2	0.2	0.6	1.1	1.0	0.7	0.4	0.1	-0.2	-0.4	-0.6	-0.8	-0.9
FR	-3.3	0.0	-0.2	-0.7	-1.3	-1.9	-2.3	-2.5	-2.8	-3.0	-3.2	-3.3	-3.4
IT	-4.6	0.2	0.4	0.6	0.3	-0.3	-1.0	-1.8	-2.4	-2.9	-3.5	-4.0	-4.4
CY	-0.1	0.1	0.2	0.4	0.5	0.3	0.2	0.2	0.4	0.3	0.3	0.2	0.1
LV	-2.6	-0.1	0.0	-0.1	-0.1	-0.3	-0.5	-0.6	-0.9	-1.5	-2.0	-2.5	-2.8
LT	-1.2	-0.1	-0.2	-0.2	-0.3	-0.4	-0.5	-0.7	-0.8	-0.9	-1.1	-1.2	-1.3
LU	0.2	-0.2	-0.5	-1.2	-1.4	-1.0	-1.0	-0.7	-0.6	-0.3	-0.3	0.0	0.0
HU	-1.4	0.4	0.8	0.6	0.5	0.2	-0.2	-0.4	-0.5	-0.6	-0.8	-0.9	-1.0
MT	-0.5	0.1	0.0	0.0	-0.5	-0.9	-0.9	-0.8	-0.5	-0.3	-0.3	-0.3	-0.4
NL	-0.3	-0.3	-0.3	-0.4	-0.4	-0.5	-0.6	-0.6	-0.6	-0.5	-0.5	-0.5	-0.5
AT	-3.8	-0.1	-0.3	-0.6	-0.9	-1.2	-1.5	-1.8	-2.2	-2.6	-3.0	-3.5	-4.0
PL	-7.1	0.9	0.7	-0.4	-0.9	-1.5	-2.3	-3.0	-3.8	-4.6	-5.3	-5.9	-6.3
PT	-3.9	0.4	0.5	0.3	0.0	-0.4	-1.2	-2.1	-2.6	-2.9	-3.1	-3.5	-3.5
RO	1.0	1.1	2.3	2.6	2.9	3.0	2.9	2.8	2.6	2.4	2.3	2.1	2.1
SI	-0.7	0.0	-0.1	-0.3	-0.6	-0.8	-0.8	-0.8	-0.7	-0.7	-0.7	-0.7	-0.7
SK	-1.9	0.0	0.1	-0.1	-0.3	-0.5	-0.7	-0.9	-1.1	-1.4	-1.6	-1.8	-1.9
FI	-0.7	0.2	0.4	0.5	0.6	0.5	0.5	0.3	0.2	0.0	-0.2	-0.4	-0.5
SE	-3.6	0.0	-0.1	-0.7	-1.4	-1.9	-2.3	-2.6	-2.9	-3.2	-3.3	-3.5	-3.6
UK	0.4	0.0	0.0	-0.1	0.0	0.0	-0.1	-0.2	-0.2	0.0	0.1	0.3	0.4
NO	-1.3	-0.2	0.1	0.1	0.0	-0.2	-0.4	-0.6	-0.8	-1.0	-1.1	-1.3	-1.4
EU27	-2.1	0.1	0.2	0.1	-0.1	-0.4	-0.7	-1.0	-1.3	-1.5	-1.7	-1.9	-2.0
EA16	-2.3	0.0	0.1	0.0	-0.2	-0.6	-0.9	-1.3	-1.6	-1.8	-2.0	-2.2	-2.3
EU15	-1.9	0.0	0.0	-0.1	-0.2	-0.5	-0.8	-1.1	-1.4	-1.5	-1.7	-1.8	-1.9
EU12	-2.9	0.5	0.6	0.1	-0.1	-0.4	-0.8	-1.1	-1.4	-1.7	-2.0	-2.3	-2.5
EU25	-2.1	0.1	0.1	0.0	-0.2	-0.5	-0.8	-1.1	-1.3	-1.5	-1.7	-1.9	-2.0
EA12	-2.3	0.0	0.1	0.0	-0.2	-0.6	-0.9	-1.3	-1.6	-1.8	-2.0	-2.2	-2.3
EU10	-3.7	0.4	0.3	-0.3	-0.6	-1.0	-1.4	-1.7	-2.1	-2.5	-2.8	-3.1	-3.3

Source: Commission services.

Table A 86 - Social security pensions, gross as % of GDP (p.p. ch from 2007 due to Interaction effect) - Baseline

Country	Ch. 08-60	2008	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	-1.2	0.0	0.0	0.0	-0.1	-0.1	-0.3	-0.5	-0.7	-0.7	-0.9	-1.0	-1.2
BG	-4.5	0.0	-0.1	-0.2	-0.3	-0.5	-0.7	-1.1	-1.6	-2.5	-3.3	-4.3	-4.5
CZ	-6.1	0.0	0.0	-0.3	-0.8	-1.1	-1.4	-1.7	-2.6	-3.9	-4.8	-5.6	-6.1
DK	-0.9	0.0	0.0	-0.1	-0.3	-0.5	-0.8	-1.2	-1.4	-1.3	-1.0	-0.9	-0.9
DE	-3.2	0.0	0.0	0.0	-0.3	-0.6	-1.4	-2.4	-2.6	-2.6	-2.9	-3.2	-3.2
EE	-2.8	0.0	0.0	0.0	0.0	-0.1	-0.3	-0.4	-0.7	-1.1	-1.7	-2.6	-2.8
IE	-1.2	0.0	0.0	0.0	-0.1	-0.1	-0.2	-0.3	-0.5	-0.8	-1.1	-1.2	-1.2
EL	-0.1	0.0	0.0	0.0	-0.1	-0.1	0.1	0.2	0.2	0.0	-0.2	-0.1	-0.1
ES	-3.0	0.0	0.0	-0.1	-0.1	-0.1	-0.4	-0.8	-1.4	-2.2	-2.8	-3.0	-3.0
FR	-3.2	0.0	0.0	-0.3	-0.6	-1.1	-1.7	-2.2	-2.7	-2.8	-3.0	-3.2	-3.2
IT	-4.9	0.0	0.0	0.0	-0.2	-0.5	-1.1	-2.1	-3.2	-4.1	-4.5	-4.7	-4.9
CY	1.1	0.0	0.0	0.1	0.2	0.3	0.4	0.6	0.9	1.1	1.2	1.2	1.1
LV	-4.3	0.0	0.0	0.2	0.1	0.0	-0.2	-0.3	-0.7	-1.2	-2.2	-3.5	-4.3
LT	-4.7	0.0	0.0	-0.1	-0.2	-0.4	-0.7	-1.1	-1.5	-1.8	-2.4	-3.6	-4.7
LU	4.8	0.0	0.0	0.0	0.0	0.3	0.6	1.2	1.8	3.1	3.9	4.9	4.8
HU	-4.7	0.0	0.0	-0.1	-0.4	-0.6	-0.7	-1.0	-1.5	-2.6	-3.3	-4.0	-4.7
MT	-4.7	0.0	0.1	-0.2	-0.7	-1.5	-2.0	-2.0	-2.1	-2.5	-3.1	-3.9	-4.7
NL	-1.8	0.0	0.0	-0.2	-0.4	-0.7	-1.1	-1.6	-1.8	-1.6	-1.6	-1.6	-1.8
AT	-4.8	0.0	0.0	0.0	-0.2	-0.6	-1.3	-2.3	-2.8	-3.1	-3.7	-4.2	-4.8
PL	-15.1	0.0	0.0	0.4	0.0	-0.7	-1.4	-2.1	-3.5	-5.9	-9.3	-12.6	-15.1
PT	-5.1	0.0	0.0	-0.1	-0.2	-0.5	-1.0	-1.8	-2.7	-3.8	-4.5	-5.0	-5.1
RO	-2.4	0.0	-0.1	-0.1	-0.2	-0.2	0.0	-0.1	-0.3	-0.7	-1.1	-2.3	-2.4
SI	-4.4	0.0	0.1	0.0	-0.4	-1.0	-1.6	-2.0	-2.4	-3.2	-4.0	-4.5	-4.4
SK	-10.6	0.0	0.0	-0.1	-0.5	-1.1	-1.8	-2.3	-3.4	-5.2	-7.1	-9.1	-10.6
FI	-2.4	0.0	0.0	-0.2	-0.6	-1.0	-1.3	-1.6	-1.5	-1.7	-1.9	-2.1	-2.4
SE	-3.0	0.0	-0.1	-0.3	-0.6	-0.8	-1.2	-1.5	-1.8	-1.9	-2.1	-2.6	-3.0
UK	-0.9	0.0	0.0	-0.1	-0.1	-0.1	-0.3	-0.5	-0.6	-0.5	-0.6	-0.8	-0.9
NO	-1.8	-0.1	-0.1	0.0	-0.1	-0.2	-0.4	-0.8	-1.2	-1.3	-1.4	-1.6	-1.9
EU27	-3.6	0.0	0.0	-0.1	-0.2	-0.5	-1.0	-1.5	-2.0	-2.5	-3.0	-3.4	-3.6
EA16	-3.6	0.0	0.0	-0.1	-0.3	-0.6	-1.1	-1.8	-2.4	-2.8	-3.2	-3.5	-3.6
EU15	-2.9	0.0	0.0	-0.1	-0.2	-0.5	-0.9	-1.5	-2.0	-2.2	-2.5	-2.7	-2.9
EU12	-8.1	0.0	0.0	0.0	-0.2	-0.6	-1.0	-1.5	-2.4	-3.8	-5.4	-7.1	-8.1
EU25	-3.5	0.0	0.0	-0.1	-0.3	-0.5	-1.0	-1.6	-2.1	-2.5	-2.9	-3.3	-3.5
EA12	-3.5	0.0	0.0	-0.1	-0.3	-0.6	-1.1	-1.8	-2.4	-2.8	-3.2	-3.4	-3.5
EU10	-9.5	0.0	0.0	0.0	-0.3	-0.8	-1.3	-1.8	-2.8	-4.4	-6.3	-8.2	-9.5

Source: Commission services.

Health-care expenditure projections

Table A 87 – Health care spending – AWG reference scenario (as % of GDP)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	1.2	7.6	7.7	7.9	8.1	8.2	8.4	8.6	8.7	8.8	8.8	8.8	8.8
BG	0.7	4.7	4.8	4.9	5.0	5.0	5.1	5.3	5.4	5.4	5.5	5.5	5.4
CZ	2.2	6.2	6.4	6.7	6.9	7.1	7.4	7.6	7.8	8.0	8.1	8.3	8.4
DK	1.0	5.9	6.0	6.2	6.4	6.6	6.7	6.8	6.8	6.9	6.9	6.9	6.9
DE	1.8	7.4	7.6	7.9	8.1	8.3	8.5	8.8	9.0	9.2	9.2	9.2	9.2
EE	1.2	4.9	5.1	5.2	5.3	5.4	5.5	5.6	5.8	5.9	6.0	6.1	6.1
IE	1.8	5.8	5.9	6.0	6.1	6.3	6.5	6.7	6.9	7.1	7.3	7.5	7.6
EL	1.4	5.0	5.1	5.3	5.4	5.5	5.7	5.9	6.0	6.2	6.3	6.3	6.4
ES	1.6	5.5	5.6	5.7	5.9	6.1	6.3	6.6	6.8	7.0	7.1	7.2	7.2
FR	1.2	8.1	8.2	8.4	8.6	8.7	8.9	9.1	9.2	9.3	9.3	9.4	9.4
IT	1.1	5.9	5.9	6.1	6.2	6.4	6.5	6.7	6.9	7.0	7.0	7.0	6.9
CY	0.6	2.7	2.8	2.8	2.9	2.9	3.0	3.1	3.1	3.2	3.2	3.3	3.3
LV	0.6	3.5	3.5	3.6	3.7	3.7	3.8	3.9	3.9	4.0	4.0	4.1	4.1
LT	1.1	4.5	4.6	4.7	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.6
LU	1.2	5.8	5.9	6.1	6.2	6.4	6.5	6.7	6.8	6.9	7.0	7.0	7.0
HU	1.3	5.8	5.8	5.9	6.0	6.2	6.4	6.5	6.7	6.8	6.9	7.0	7.0
MT	3.3	4.7	4.9	5.3	5.6	6.0	6.4	6.9	7.2	7.4	7.6	7.7	8.0
NL	1.0	4.8	4.9	5.1	5.3	5.4	5.6	5.7	5.8	5.8	5.9	5.8	5.8
AT	1.5	6.5	6.6	6.8	7.0	7.2	7.4	7.6	7.8	8.0	8.1	8.0	8.0
PL	1.0	4.0	4.1	4.3	4.4	4.5	4.6	4.7	4.8	4.9	4.9	5.0	5.0
PT	1.9	7.2	7.3	7.5	7.6	7.8	8.0	8.3	8.5	8.7	8.9	9.0	9.1
RO	1.4	3.5	3.6	3.7	3.8	3.9	4.1	4.3	4.4	4.6	4.7	4.8	4.9
SI	1.9	6.6	6.8	7.1	7.3	7.5	7.8	8.0	8.2	8.3	8.4	8.5	8.5
SK	2.3	5.0	5.2	5.4	5.7	6.0	6.2	6.5	6.7	6.9	7.1	7.2	7.2
FI	1.0	5.5	5.6	5.8	6.0	6.1	6.3	6.4	6.5	6.5	6.5	6.4	6.5
SE	0.8	7.2	7.3	7.4	7.5	7.6	7.7	7.8	7.9	7.9	8.0	8.0	8.0
UK	1.9	7.5	7.6	7.8	8.0	8.1	8.4	8.7	8.9	9.1	9.2	9.3	9.4
NO	1.3	5.6	5.7	5.8	6.0	6.2	6.5	6.6	6.8	6.9	6.9	7.0	7.0
EU27	1.7	6.7	6.8	6.9	7.1	7.2	7.4	7.7	7.9	8.1	8.2	8.4	8.4
EA16	1.5	6.7	6.8	6.9	7.1	7.2	7.4	7.6	7.8	8.0	8.1	8.1	8.1
EU15	1.6	6.9	7.0	7.2	7.3	7.5	7.7	7.9	8.1	8.3	8.4	8.4	8.5
EU12	1.4	4.7	4.8	4.9	5.1	5.2	5.4	5.5	5.7	5.8	5.9	6.0	6.0
EU25	1.7	6.8	6.8	7.0	7.1	7.3	7.5	7.7	7.9	8.1	8.3	8.4	8.4
EA12	1.4	6.7	6.8	7.0	7.2	7.3	7.5	7.7	7.9	8.1	8.1	8.2	8.2
EU10	1.4	4.9	5.0	5.1	5.3	5.4	5.6	5.8	5.9	6.0	6.1	6.2	6.3

Source: Commission services.

Table A 88 - Health care spending – Pure ageing scenario (as % of GDP)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	1.5	7.6	7.7	7.9	8.0	8.2	8.5	8.7	8.8	8.9	9.0	9.0	9.1
BG	0.7	4.7	4.8	4.8	4.9	4.9	5.0	5.2	5.3	5.4	5.4	5.4	5.4
CZ	2.3	6.2	6.3	6.6	6.8	7.1	7.3	7.6	7.8	8.0	8.2	8.4	8.5
DK	1.2	5.9	6.0	6.2	6.4	6.6	6.8	6.9	6.9	7.0	7.1	7.1	7.1
DE	2.0	7.4	7.6	7.8	8.1	8.3	8.6	8.8	9.1	9.3	9.4	9.4	9.4
EE	1.2	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.7	5.8	6.0	6.1	6.2
IE	2.0	5.8	5.9	6.0	6.1	6.3	6.5	6.8	7.0	7.3	7.5	7.7	7.8
EL	1.5	5.0	5.1	5.2	5.3	5.5	5.6	5.8	6.0	6.2	6.3	6.4	6.4
ES	1.8	5.5	5.6	5.7	5.8	6.0	6.3	6.6	6.9	7.1	7.2	7.3	7.3
FR	1.4	8.1	8.2	8.4	8.6	8.7	9.0	9.2	9.3	9.4	9.5	9.5	9.5
IT	1.2	5.9	5.9	6.1	6.2	6.4	6.6	6.8	6.9	7.0	7.1	7.1	7.1
CY	0.9	2.7	2.8	2.8	2.9	3.0	3.1	3.2	3.2	3.3	3.4	3.5	3.6
LV	0.7	3.5	3.5	3.5	3.6	3.6	3.7	3.8	3.9	4.0	4.0	4.1	4.1
LT	1.2	4.5	4.5	4.7	4.8	4.9	5.0	5.2	5.3	5.5	5.5	5.6	5.7
LU	1.3	5.8	5.9	6.0	6.1	6.3	6.5	6.7	6.8	6.9	7.0	7.1	7.1
HU	1.7	5.8	5.8	5.9	6.1	6.3	6.5	6.8	7.0	7.1	7.3	7.4	7.5
MT	3.8	4.7	4.9	5.3	5.7	6.1	6.5	7.0	7.4	7.6	7.9	8.1	8.5
NL	1.1	4.8	4.9	5.1	5.3	5.4	5.6	5.7	5.8	5.9	5.9	5.9	6.0
AT	1.7	6.5	6.6	6.8	7.0	7.3	7.5	7.7	7.9	8.1	8.2	8.2	8.2
PL	1.3	4.0	4.1	4.2	4.4	4.5	4.7	4.8	5.0	5.1	5.2	5.3	5.4
PT	2.2	7.2	7.3	7.5	7.7	7.9	8.1	8.4	8.6	8.9	9.1	9.2	9.4
RO	1.4	3.5	3.5	3.6	3.7	3.9	4.0	4.2	4.4	4.5	4.7	4.8	4.9
SI	1.9	6.6	6.7	7.0	7.2	7.4	7.7	7.9	8.2	8.3	8.4	8.5	8.6
SK	2.3	5.0	5.1	5.3	5.6	5.8	6.1	6.4	6.6	6.9	7.1	7.2	7.3
FI	1.4	5.5	5.6	5.8	6.0	6.3	6.5	6.6	6.7	6.8	6.8	6.8	6.9
SE	0.9	7.2	7.2	7.4	7.5	7.6	7.7	7.8	7.9	8.0	8.0	8.1	8.1
UK	2.2	7.5	7.6	7.8	7.9	8.2	8.4	8.7	9.0	9.2	9.4	9.6	9.7
NO	1.6	5.6	5.7	5.8	6.1	6.3	6.6	6.8	6.9	7.0	7.2	7.2	7.3
EU27	1.9	6.7	6.8	6.9	7.1	7.2	7.5	7.7	8.0	8.2	8.4	8.5	8.6
EA16	1.6	6.7	6.8	6.9	7.1	7.2	7.5	7.7	7.9	8.1	8.2	8.3	8.3
EU15	1.8	6.9	7.0	7.1	7.3	7.5	7.7	8.0	8.2	8.4	8.5	8.6	8.7
EU12	1.6	4.7	4.7	4.8	5.0	5.2	5.4	5.6	5.7	5.9	6.0	6.2	6.3
EU25	1.9	6.8	6.8	7.0	7.1	7.3	7.5	7.8	8.0	8.2	8.4	8.5	8.6
EA12	1.6	6.7	6.8	7.0	7.2	7.3	7.5	7.8	8.0	8.2	8.3	8.3	8.3
EU10	1.7	4.9	4.9	5.1	5.2	5.4	5.6	5.8	6.0	6.1	6.3	6.4	6.5

Source: Commission services.

Table A 89 - Health care spending – Labour intensity scenario (as % of GDP)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	2.1	7.6	7.6	7.6	7.9	8.3	8.7	9.0	9.2	9.4	9.5	9.7	9.7
BG	1.6	4.7	4.5	4.5	4.6	4.8	5.0	5.2	5.5	5.8	6.1	6.2	6.3
CZ	3.8	6.2	6.3	6.5	6.8	7.3	7.6	8.0	8.4	8.9	9.4	9.8	10.0
DK	1.7	5.9	6.0	6.3	6.7	7.0	7.3	7.5	7.6	7.6	7.6	7.6	7.7
DE	2.8	7.4	7.5	7.5	7.8	8.2	8.7	9.1	9.6	9.8	10.0	10.1	10.2
EE	2.3	4.9	4.8	5.0	5.2	5.4	5.6	5.7	6.0	6.3	6.7	7.0	7.2
IE	2.9	5.8	5.9	6.0	6.1	6.4	6.6	6.9	7.2	7.7	8.1	8.5	8.7
EL	2.4	5.0	5.0	5.1	5.2	5.4	5.7	6.1	6.5	6.8	7.1	7.3	7.3
ES	2.6	5.5	5.5	5.5	5.5	5.8	6.1	6.5	7.0	7.6	8.0	8.2	8.1
FR	2.1	8.1	8.3	8.4	8.7	9.0	9.4	9.7	10.0	10.1	10.2	10.3	10.3
IT	1.8	5.9	5.9	5.9	6.0	6.2	6.4	6.8	7.2	7.5	7.7	7.7	7.7
CY	1.2	2.7	2.7	2.7	2.8	2.9	3.1	3.2	3.3	3.4	3.6	3.8	3.9
LV	1.6	3.5	3.3	3.4	3.6	3.7	3.8	4.0	4.2	4.4	4.7	5.0	5.1
LT	2.5	4.5	4.4	4.4	4.5	4.8	5.1	5.4	5.7	6.0	6.3	6.7	6.9
LU	1.1	5.8	5.5	5.2	5.4	5.6	6.0	6.3	6.5	6.6	6.7	6.8	6.9
HU	3.0	5.8	5.8	5.8	5.9	6.2	6.5	6.9	7.3	7.7	8.1	8.5	8.8
MT	5.0	4.7	4.9	5.2	5.7	6.2	6.6	7.1	7.5	7.9	8.4	9.0	9.7
NL	1.8	4.8	4.9	5.0	5.3	5.7	6.0	6.3	6.5	6.5	6.5	6.6	6.6
AT	2.6	6.5	6.6	6.7	7.0	7.4	7.8	8.1	8.5	8.7	8.9	9.0	9.1
PL	2.4	4.0	3.9	4.0	4.2	4.4	4.6	4.9	5.1	5.4	5.8	6.1	6.4
PT	3.1	7.2	7.3	7.4	7.5	7.7	8.0	8.4	8.9	9.3	9.8	10.1	10.3
RO	2.7	3.5	3.5	3.6	3.7	3.9	4.2	4.5	4.8	5.2	5.6	6.0	6.2
SI	4.1	6.6	6.7	7.0	7.4	7.8	8.4	8.9	9.5	10.0	10.4	10.6	10.7
SK	3.7	5.0	5.0	5.0	5.1	5.5	5.8	6.3	6.7	7.3	7.8	8.3	8.6
FI	2.0	5.5	5.6	5.9	6.2	6.5	6.9	7.1	7.2	7.2	7.3	7.4	7.5
SE	1.7	7.2	7.3	7.4	7.6	7.9	8.1	8.3	8.4	8.5	8.6	8.8	8.9
UK	2.8	7.5	7.7	7.8	8.1	8.4	8.8	9.1	9.3	9.5	9.7	10.0	10.3
NO	2.6	5.6	5.7	5.9	6.2	6.6	7.1	7.4	7.7	7.9	8.0	8.1	8.3
EU27	2.7	6.7	6.7	6.8	7.0	7.3	7.6	8.0	8.4	8.7	9.0	9.2	9.4
EA16	2.4	6.7	6.7	6.8	6.9	7.2	7.6	8.0	8.3	8.7	8.9	9.0	9.1
EU15	2.5	6.9	6.9	7.0	7.2	7.5	7.9	8.3	8.6	8.9	9.1	9.3	9.4
EU12	2.8	4.7	4.6	4.7	4.9	5.1	5.4	5.7	6.0	6.4	6.9	7.2	7.5
EU25	2.6	6.8	6.8	6.9	7.0	7.3	7.7	8.1	8.4	8.7	9.0	9.2	9.4
EA12	2.3	6.7	6.8	6.9	7.0	7.3	7.6	8.0	8.4	8.7	8.9	9.0	9.1
EU10	2.9	4.9	4.8	4.9	5.1	5.4	5.7	5.9	6.3	6.7	7.1	7.5	7.8

Source: Commission services.

Table A 90 - Health care spending – Constant health scenario (as % of GDP)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	0.3	7.6	7.7	7.7	7.7	7.8	7.9	8.0	8.1	8.1	8.0	8.0	7.9
BG	0.0	4.7	4.7	4.7	4.7	4.6	4.6	4.7	4.7	4.8	4.8	4.7	4.7
CZ	1.1	6.2	6.3	6.4	6.5	6.6	6.8	6.9	7.0	7.1	7.2	7.3	7.3
DK	0.3	5.9	6.0	6.0	6.1	6.2	6.3	6.3	6.3	6.3	6.3	6.3	6.2
DE	0.9	7.4	7.5	7.7	7.8	7.9	8.0	8.2	8.3	8.4	8.5	8.4	8.3
EE	0.4	4.9	5.0	5.0	5.0	5.0	5.0	5.0	5.1	5.2	5.2	5.3	5.3
IE	1.0	5.8	5.8	5.8	5.9	6.0	6.1	6.2	6.4	6.5	6.6	6.7	6.8
EL	0.7	5.0	5.0	5.1	5.2	5.2	5.3	5.4	5.5	5.6	5.7	5.7	5.7
ES	1.0	5.5	5.6	5.6	5.6	5.7	5.9	6.1	6.3	6.4	6.5	6.5	6.5
FR	0.4	8.1	8.2	8.2	8.3	8.4	8.5	8.6	8.6	8.6	8.6	8.6	8.5
IT	0.5	5.9	5.9	5.9	6.0	6.1	6.2	6.3	6.4	6.5	6.5	6.4	6.3
CY	0.1	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.8	2.8	2.8	2.8
LV	0.1	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.4	3.5	3.5	3.5	3.5
LT	0.3	4.5	4.5	4.5	4.5	4.5	4.5	4.6	4.7	4.7	4.8	4.8	4.8
LU	0.4	5.8	5.8	5.8	5.9	6.0	6.1	6.1	6.2	6.3	6.3	6.2	6.2
HU	0.2	5.8	5.7	5.6	5.6	5.7	5.7	5.8	5.8	5.9	6.0	6.0	6.0
MT	2.2	4.7	4.9	5.1	5.3	5.6	5.9	6.2	6.4	6.5	6.6	6.7	6.9
NL	0.4	4.8	4.9	5.0	5.1	5.2	5.3	5.3	5.4	5.4	5.4	5.3	5.3
AT	0.7	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.4	7.3	7.2
PL	-0.6	4.0	4.0	4.0	4.0	3.9	3.9	3.9	3.8	3.7	3.6	3.5	3.5
PT	0.9	7.2	7.3	7.3	7.3	7.4	7.5	7.6	7.8	7.9	8.0	8.1	8.1
RO	0.7	3.5	3.5	3.5	3.5	3.6	3.7	3.7	3.8	3.9	4.0	4.1	4.2
SI	1.0	6.6	6.7	6.8	6.9	7.0	7.2	7.3	7.5	7.6	7.6	7.6	7.6
SK	1.2	5.0	5.1	5.2	5.3	5.4	5.6	5.7	5.8	6.0	6.1	6.2	6.2
FI	0.2	5.5	5.6	5.6	5.7	5.8	5.8	5.9	5.9	5.8	5.8	5.7	5.7
SE	0.0	7.2	7.2	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.2
UK	1.0	7.5	7.6	7.6	7.6	7.7	7.8	8.0	8.2	8.3	8.4	8.5	8.5
NO	0.6	5.6	5.6	5.7	5.8	5.9	6.1	6.2	6.2	6.3	6.3	6.3	6.3
EU27	0.8	6.7	6.7	6.8	6.8	6.9	7.0	7.1	7.3	7.4	7.5	7.6	7.6
EA16	0.7	6.7	6.7	6.8	6.8	6.9	7.0	7.1	7.3	7.4	7.4	7.4	7.4
EU15	0.8	6.9	6.9	7.0	7.0	7.1	7.2	7.4	7.5	7.6	7.7	7.7	7.6
EU12	0.3	4.7	4.7	4.7	4.7	4.7	4.8	4.8	4.8	4.9	4.9	4.9	4.9
EU25	0.8	6.8	6.8	6.8	6.9	6.9	7.0	7.2	7.3	7.4	7.5	7.6	7.6
EA12	0.7	6.7	6.8	6.8	6.9	7.0	7.1	7.2	7.3	7.4	7.5	7.4	7.4
EU10	0.2	4.9	4.9	4.9	4.9	4.9	4.9	5.0	5.0	5.0	5.0	5.1	5.1

Source: Commission services.

Table A 91 - Health care spending – Fast cost growth scenario (as % of GDP)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	2.1	7.6	7.9	8.4	8.6	8.8	9.1	9.3	9.5	9.6	9.6	9.7	9.7
BG	1.1	4.7	4.9	5.2	5.2	5.3	5.4	5.5	5.7	5.7	5.8	5.8	5.8
CZ	2.9	6.2	6.5	7.0	7.3	7.6	7.9	8.1	8.4	8.6	8.8	9.0	9.1
DK	1.7	5.9	6.2	6.6	6.8	7.1	7.2	7.4	7.4	7.5	7.6	7.6	7.6
DE	2.7	7.4	7.8	8.4	8.7	8.9	9.2	9.5	9.7	9.9	10.0	10.1	10.1
EE	1.6	4.9	5.2	5.5	5.5	5.6	5.7	5.9	6.1	6.2	6.4	6.5	6.6
IE	2.5	5.8	6.1	6.4	6.6	6.8	7.0	7.3	7.5	7.8	8.0	8.2	8.4
EL	1.9	5.0	5.2	5.6	5.7	5.9	6.0	6.2	6.4	6.6	6.7	6.8	6.9
ES	2.3	5.5	5.8	6.1	6.2	6.5	6.7	7.0	7.3	7.6	7.7	7.8	7.8
FR	2.1	8.1	8.5	9.0	9.2	9.4	9.6	9.8	10.0	10.1	10.1	10.2	10.2
IT	1.7	5.9	6.1	6.5	6.7	6.8	7.0	7.2	7.4	7.5	7.6	7.6	7.6
CY	1.1	2.7	2.8	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.8
LV	0.9	3.5	3.6	3.8	3.8	3.9	4.0	4.1	4.2	4.2	4.3	4.3	4.4
LT	1.6	4.5	4.7	5.0	5.1	5.2	5.3	5.5	5.7	5.8	5.9	6.0	6.1
LU	1.8	5.8	6.0	6.4	6.6	6.8	7.0	7.1	7.3	7.4	7.5	7.6	7.6
HU	2.3	5.8	5.9	6.3	6.5	6.7	7.0	7.2	7.4	7.6	7.8	7.9	8.1
MT	4.4	4.7	5.1	5.6	6.1	6.5	7.0	7.5	7.9	8.2	8.4	8.7	9.1
NL	1.5	4.8	5.1	5.4	5.6	5.8	6.0	6.1	6.2	6.3	6.4	6.4	6.4
AT	2.3	6.5	6.8	7.3	7.5	7.8	8.0	8.3	8.5	8.7	8.8	8.8	8.8
PL	1.7	4.0	4.2	4.5	4.7	4.8	5.0	5.2	5.3	5.4	5.6	5.7	5.7
PT	2.8	7.2	7.5	8.0	8.2	8.4	8.7	9.0	9.2	9.5	9.7	9.9	10.0
RO	1.7	3.5	3.6	3.9	4.0	4.1	4.3	4.5	4.7	4.8	5.0	5.1	5.2
SI	2.5	6.6	6.9	7.5	7.7	7.9	8.2	8.5	8.7	8.9	9.0	9.1	9.2
SK	2.8	5.0	5.2	5.7	6.0	6.2	6.5	6.8	7.1	7.3	7.5	7.7	7.7
FI	1.8	5.5	5.8	6.2	6.5	6.7	6.9	7.1	7.2	7.2	7.3	7.3	7.3
SE	1.5	7.2	7.5	7.9	8.0	8.1	8.3	8.4	8.5	8.5	8.6	8.7	8.7
UK	2.9	7.5	7.8	8.4	8.5	8.7	9.0	9.4	9.6	9.8	10.0	10.2	10.4
NO	2.2	5.6	5.9	6.3	6.5	6.8	7.0	7.2	7.4	7.6	7.7	7.7	7.8
EU27	2.5	6.7	7.0	7.4	7.6	7.8	8.0	8.3	8.5	8.8	9.0	9.1	9.2
EA16	2.2	6.7	7.0	7.4	7.6	7.8	8.0	8.2	8.5	8.7	8.8	8.9	8.9
EU15	2.4	6.9	7.2	7.6	7.8	8.0	8.2	8.5	8.8	9.0	9.1	9.2	9.3
EU12	2.0	4.7	4.8	5.2	5.4	5.5	5.7	5.9	6.1	6.3	6.5	6.6	6.7
EU25	2.5	6.8	7.0	7.5	7.6	7.8	8.0	8.3	8.6	8.8	9.0	9.1	9.2
EA12	2.2	6.7	7.0	7.5	7.7	7.9	8.1	8.3	8.5	8.7	8.8	8.9	8.9
EU10	2.1	4.9	5.1	5.4	5.6	5.8	6.0	6.2	6.4	6.6	6.7	6.9	7.0

Source: Commission services.

Table A 92 - Health care spending – Cost convergence scenario (as % of GDP)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	:	:	:	:	:	:	:	:	:	:	:	:	:
BG	4.2	4.7	4.9	5.1	5.3	5.6	5.9	6.3	6.8	7.2	7.7	8.3	8.9
CZ	2.9	6.2	6.4	6.6	6.9	7.2	7.5	7.8	8.1	8.4	8.6	8.9	9.1
DK	:	:	:	:	:	:	:	:	:	:	:	:	:
DE	:	:	:	:	:	:	:	:	:	:	:	:	:
EE	3.4	4.9	5.1	5.3	5.5	5.7	6.0	6.4	6.7	7.1	7.5	7.9	8.3
IE	:	:	:	:	:	:	:	:	:	:	:	:	:
EL	:	:	:	:	:	:	:	:	:	:	:	:	:
ES	:	:	:	:	:	:	:	:	:	:	:	:	:
FR	:	:	:	:	:	:	:	:	:	:	:	:	:
IT	:	:	:	:	:	:	:	:	:	:	:	:	:
CY	4.9	2.7	2.9	3.1	3.5	3.8	4.2	4.6	5.1	5.7	6.3	6.9	7.6
LV	5.1	3.5	3.6	3.8	4.1	4.4	4.8	5.3	5.8	6.4	7.0	7.7	8.6
LT	4.2	4.5	4.6	4.9	5.1	5.4	5.8	6.2	6.7	7.1	7.6	8.1	8.7
LU	:	:	:	:	:	:	:	:	:	:	:	:	:
HU	3.1	5.8	5.8	6.0	6.3	6.6	6.9	7.3	7.6	7.9	8.2	8.5	8.8
MT	5.4	4.7	5.0	5.5	6.0	6.6	7.2	7.8	8.3	8.7	9.1	9.6	10.1
NL	:	:	:	:	:	:	:	:	:	:	:	:	:
AT	:	:	:	:	:	:	:	:	:	:	:	:	:
PL	4.9	4.0	4.2	4.5	4.8	5.2	5.6	6.1	6.5	7.0	7.6	8.2	8.9
PT	:	:	:	:	:	:	:	:	:	:	:	:	:
RO	5.3	3.5	3.6	3.9	4.3	4.6	5.1	5.6	6.2	6.7	7.4	8.1	8.8
SI	2.6	6.6	6.8	7.0	7.3	7.5	7.8	8.1	8.4	8.7	8.9	9.0	9.2
SK	4.1	5.0	5.1	5.4	5.8	6.1	6.5	6.9	7.4	7.8	8.2	8.6	9.1
FI	:	:	:	:	:	:	:	:	:	:	:	:	:
SE	:	:	:	:	:	:	:	:	:	:	:	:	:
UK	:	:	:	:	:	:	:	:	:	:	:	:	:
NO	:	:	:	:	:	:	:	:	:	:	:	:	:
EU27	2.0	6.7	6.7	6.8	7.0	7.2	7.4	7.7	8.0	8.2	8.4	8.6	8.7
EA16	1.5	6.7	6.7	6.8	6.9	7.1	7.3	7.6	7.8	8.0	8.1	8.2	8.2
EU15	:	:	:	:	:	:	:	:	:	:	:	:	:
EU12	4.3	4.7	4.8	5.0	5.4	5.7	6.1	6.5	6.9	7.4	7.9	8.4	9.0
EU25	1.9	6.8	6.8	6.9	7.0	7.2	7.5	7.7	8.0	8.2	8.4	8.6	8.7
EA12	1.5	6.7	6.8	6.9	7.0	7.2	7.4	7.6	7.8	8.0	8.1	8.2	8.2
EU10	4.1	4.9	5.0	5.2	5.6	5.9	6.3	6.7	7.1	7.5	7.9	8.4	9.0

Source: Commission services.

Table A 93 - Health care spending – Death-related cost scenario (as % of GDP)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	1.2	7.6	7.5	7.7	7.8	8.0	8.2	8.4	8.6	8.7	8.7	8.7	8.8
BG	0.6	4.7	4.7	4.7	4.8	4.8	5.0	5.1	5.2	5.3	5.3	5.3	5.3
CZ	2.0	6.2	6.2	6.4	6.6	6.9	7.1	7.4	7.6	7.8	7.9	8.1	8.2
DK	0.9	5.9	5.9	6.0	6.2	6.4	6.6	6.7	6.7	6.8	6.8	6.9	6.9
DE	1.5	7.4	7.4	7.6	7.9	8.1	8.3	8.5	8.8	8.9	9.0	8.9	8.9
EE	1.0	4.9	4.9	5.0	5.1	5.1	5.2	5.4	5.5	5.7	5.8	5.9	6.0
IE	1.7	5.8	5.8	5.9	6.0	6.2	6.4	6.6	6.8	7.0	7.2	7.4	7.5
EL	1.2	5.0	4.9	5.1	5.2	5.3	5.5	5.7	5.8	6.0	6.1	6.2	6.2
ES	1.5	5.5	5.5	5.6	5.7	5.9	6.1	6.4	6.6	6.8	7.0	7.0	7.0
FR	1.1	8.1	8.1	8.2	8.4	8.5	8.7	8.9	9.0	9.1	9.2	9.2	9.2
IT	1.0	5.9	5.8	5.9	6.1	6.2	6.4	6.6	6.7	6.8	6.9	6.9	6.9
CY	0.7	2.7	2.7	2.8	2.8	2.9	3.0	3.1	3.1	3.2	3.3	3.4	3.5
LV	0.6	3.5	3.4	3.5	3.5	3.6	3.6	3.7	3.8	3.9	4.0	4.0	4.0
LT	1.0	4.5	4.4	4.6	4.7	4.8	4.9	5.0	5.2	5.3	5.4	5.5	5.5
LU	1.0	5.8	5.7	5.8	6.0	6.1	6.3	6.5	6.6	6.7	6.7	6.8	6.8
HU	1.3	5.8	5.6	5.7	5.9	6.1	6.3	6.5	6.6	6.7	6.9	7.0	7.1
MT	2.6	4.7	4.8	5.0	5.4	5.7	6.1	6.4	6.5	6.7	6.8	7.0	7.3
NL	0.9	4.8	4.8	5.0	5.1	5.3	5.5	5.6	5.7	5.7	5.7	5.8	5.8
AT	1.4	6.5	6.5	6.7	6.9	7.1	7.3	7.5	7.7	7.8	7.9	7.9	7.8
PL	1.2	4.0	4.0	4.1	4.3	4.4	4.6	4.7	4.8	5.0	5.1	5.2	5.2
PT	1.7	7.2	7.2	7.3	7.4	7.6	7.8	8.1	8.3	8.5	8.7	8.8	8.9
RO	1.2	3.5	3.4	3.5	3.6	3.8	3.9	4.1	4.3	4.4	4.5	4.7	4.7
SI	1.6	6.6	6.6	6.8	7.0	7.2	7.5	7.7	7.9	8.0	8.1	8.2	8.2
SK	2.0	5.0	5.0	5.2	5.4	5.7	5.9	6.2	6.4	6.6	6.8	6.9	7.0
FI	1.1	5.5	5.5	5.7	5.9	6.1	6.3	6.4	6.5	6.5	6.5	6.6	6.6
SE	0.7	7.2	7.1	7.2	7.3	7.4	7.5	7.6	7.7	7.8	7.8	7.9	7.9
UK	1.1	7.5	7.4	7.5	7.6	7.8	8.0	8.3	8.4	8.5	8.6	8.6	8.6
NO	1.4	5.6	5.5	5.7	5.9	6.1	6.4	6.5	6.7	6.8	6.9	7.0	7.0
EU27	1.4	6.7	6.6	6.7	6.9	7.0	7.2	7.5	7.7	7.8	8.0	8.1	8.1
EA16	1.3	6.7	6.6	6.7	6.9	7.0	7.2	7.5	7.7	7.8	7.9	8.0	8.0
EU15	1.3	6.9	6.8	7.0	7.1	7.3	7.5	7.7	7.9	8.0	8.1	8.1	8.2
EU12	1.4	4.7	4.6	4.7	4.9	5.0	5.2	5.4	5.6	5.7	5.8	6.0	6.0
EU25	1.4	6.8	6.7	6.8	6.9	7.1	7.3	7.5	7.7	7.9	8.0	8.1	8.1
EA12	1.3	6.7	6.7	6.8	7.0	7.1	7.3	7.5	7.7	7.9	8.0	8.0	8.0
EU10	1.4	4.9	4.8	4.9	5.1	5.3	5.5	5.6	5.8	5.9	6.1	6.2	6.3

Source: Commission services.

Table A 94 - Health care spending – Income elasticity scenario (as % of GDP)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	1.8	7.6	7.7	8.0	8.2	8.4	8.7	8.9	9.1	9.3	9.4	9.4	9.5
BG	1.2	4.7	4.8	5.0	5.1	5.2	5.4	5.5	5.7	5.8	5.8	5.9	5.9
CZ	2.8	6.2	6.4	6.7	7.1	7.4	7.7	8.0	8.3	8.5	8.7	8.9	9.0
DK	1.5	5.9	6.0	6.3	6.5	6.7	6.9	7.1	7.2	7.3	7.3	7.4	7.4
DE	2.4	7.4	7.6	7.9	8.3	8.5	8.8	9.1	9.4	9.6	9.7	9.8	9.8
EE	1.7	4.9	5.1	5.3	5.4	5.6	5.7	5.9	6.1	6.3	6.4	6.5	6.6
IE	2.3	5.8	5.9	6.1	6.2	6.5	6.7	7.0	7.3	7.6	7.8	8.0	8.1
EL	1.8	5.0	5.1	5.3	5.5	5.7	5.9	6.1	6.3	6.5	6.6	6.7	6.8
ES	2.1	5.5	5.6	5.8	6.0	6.2	6.5	6.8	7.1	7.4	7.5	7.6	7.6
FR	1.8	8.1	8.3	8.5	8.7	8.9	9.2	9.4	9.6	9.7	9.8	9.9	9.9
IT	1.5	5.9	6.0	6.1	6.3	6.5	6.7	7.0	7.1	7.3	7.3	7.3	7.3
CY	1.1	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8
LV	1.0	3.5	3.6	3.7	3.8	3.8	3.9	4.1	4.2	4.3	4.3	4.4	4.4
LT	1.6	4.5	4.6	4.8	5.0	5.2	5.3	5.5	5.7	5.9	6.0	6.0	6.1
LU	1.7	5.8	5.9	6.1	6.3	6.5	6.8	7.0	7.2	7.3	7.4	7.4	7.5
HU	2.2	5.8	5.8	6.0	6.3	6.6	6.8	7.1	7.3	7.5	7.7	7.9	8.0
MT	4.2	4.7	4.9	5.4	5.8	6.3	6.8	7.3	7.7	8.0	8.2	8.5	8.9
NL	1.3	4.8	4.9	5.1	5.3	5.6	5.7	5.9	6.0	6.1	6.2	6.2	6.2
AT	2.1	6.5	6.6	6.9	7.2	7.4	7.7	7.9	8.2	8.4	8.5	8.5	8.5
PL	1.7	4.0	4.2	4.4	4.5	4.8	5.0	5.2	5.3	5.4	5.6	5.7	5.7
PT	2.6	7.2	7.4	7.6	7.8	8.1	8.3	8.7	9.0	9.2	9.5	9.6	9.8
RO	1.8	3.5	3.6	3.8	3.9	4.1	4.3	4.5	4.7	4.9	5.0	5.2	5.3
SI	2.4	6.6	6.8	7.1	7.4	7.7	8.0	8.3	8.6	8.8	8.9	9.0	9.0
SK	2.9	5.0	5.2	5.5	5.9	6.2	6.5	6.8	7.1	7.4	7.6	7.7	7.8
FI	1.7	5.5	5.7	5.9	6.2	6.4	6.7	6.9	7.0	7.0	7.1	7.1	7.2
SE	1.3	7.2	7.3	7.5	7.6	7.8	7.9	8.1	8.2	8.3	8.4	8.4	8.5
UK	2.6	7.5	7.6	7.9	8.1	8.4	8.7	9.0	9.3	9.5	9.8	10.0	10.1
NO	1.9	5.6	5.7	5.9	6.2	6.4	6.7	6.9	7.1	7.3	7.4	7.5	7.5
EU27	2.3	6.7	6.8	7.0	7.2	7.4	7.7	8.0	8.3	8.5	8.7	8.9	9.0
EA16	2.0	6.7	6.8	7.0	7.2	7.4	7.7	7.9	8.2	8.4	8.5	8.6	8.7
EU15	2.1	6.9	7.0	7.2	7.4	7.7	7.9	8.2	8.5	8.7	8.8	8.9	9.0
EU12	2.0	4.7	4.8	5.0	5.2	5.4	5.7	5.9	6.1	6.3	6.4	6.6	6.7
EU25	2.2	6.8	6.9	7.1	7.3	7.5	7.7	8.0	8.3	8.5	8.7	8.9	9.0
EA12	1.9	6.7	6.9	7.1	7.3	7.5	7.8	8.0	8.3	8.5	8.6	8.6	8.7
EU10	2.1	4.9	5.0	5.2	5.5	5.7	5.9	6.2	6.4	6.5	6.7	6.9	7.0

Source: Commission services.

Long-term care expenditure projections

Table A 95 – Long-term care spending – AWG reference scenario (as % of GDP)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	1.4	1.5	1.5	1.6	1.7	1.8	2.0	2.2	2.5	2.7	2.8	2.8	2.9
BG	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.4	0.4
CZ	0.4	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.5	0.5	0.5	0.6	0.7
DK	1.5	1.7	1.8	1.9	2.1	2.3	2.6	2.8	3.0	3.1	3.2	3.2	3.2
DE	1.4	0.9	1.0	1.1	1.2	1.3	1.4	1.6	1.8	2.0	2.2	2.3	2.4
EE	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
IE	1.3	0.8	0.9	0.9	0.9	1.0	1.1	1.2	1.4	1.6	1.8	2.0	2.2
EL	2.2	1.4	1.5	1.7	1.8	1.9	2.0	2.3	2.5	2.8	3.1	3.4	3.6
ES	0.9	0.5	0.7	0.9	0.9	0.9	1.0	1.0	1.1	1.2	1.3	1.4	1.4
FR	0.8	1.4	1.5	1.5	1.6	1.6	1.8	1.9	2.0	2.1	2.2	2.2	2.2
IT	1.3	1.7	1.7	1.8	1.8	1.9	2.0	2.1	2.3	2.6	2.8	2.9	3.0
CY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LV	0.5	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.7	0.7	0.8	0.9
LT	0.6	0.5	0.5	0.5	0.5	0.5	0.6	0.7	0.7	0.8	0.9	1.0	1.1
LU	2.0	1.4	1.4	1.4	1.5	1.6	1.8	2.0	2.4	2.7	3.0	3.3	3.4
HU	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.6	0.6
MT	1.6	1.0	1.0	1.1	1.2	1.5	1.6	1.8	2.0	2.1	2.2	2.4	2.6
NL	4.7	3.4	3.5	3.8	4.1	4.6	5.4	6.2	6.8	7.3	7.7	8.0	8.1
AT	1.2	1.3	1.3	1.3	1.4	1.5	1.7	1.8	2.0	2.2	2.4	2.4	2.5
PL	0.7	0.4	0.4	0.4	0.5	0.5	0.6	0.6	0.7	0.8	0.9	1.0	1.1
PT	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
RO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SI	1.8	1.1	1.2	1.3	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	2.9
SK	0.4	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.5	0.5	0.6
FI	2.6	1.8	1.9	2.2	2.4	2.7	3.1	3.5	3.9	4.1	4.2	4.3	4.4
SE	2.3	3.5	3.5	3.5	3.7	4.0	4.4	4.8	5.0	5.1	5.3	5.6	5.8
UK	0.5	0.8	0.8	0.9	0.9	1.0	1.0	1.1	1.1	1.2	1.2	1.3	1.3
NO	2.7	2.2	2.2	2.2	2.3	2.5	2.9	3.4	3.8	4.1	4.3	4.6	4.9
EU27	1.2	1.2	1.3	1.3	1.4	1.5	1.6	1.8	1.9	2.1	2.3	2.4	2.4
EA16	1.4	1.3	1.3	1.4	1.5	1.6	1.8	1.9	2.1	2.3	2.5	2.6	2.7
EU15	1.2	1.3	1.3	1.4	1.5	1.6	1.8	1.9	2.1	2.2	2.4	2.5	2.5
EU12	0.5	0.3	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.6	0.6	0.7	0.8
EU25	1.2	1.2	1.3	1.4	1.4	1.5	1.7	1.8	2.0	2.1	2.3	2.4	2.4
EA12	1.4	1.3	1.4	1.5	1.5	1.6	1.8	2.0	2.2	2.4	2.5	2.7	2.7
EU10	0.6	0.4	0.4	0.4	0.4	0.5	0.5	0.6	0.6	0.7	0.8	0.9	0.9

Source: Commission services.

Table A 96 - Long-term care spending – Pure demographic scenario (as % of GDP)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	1.6	1.5	1.6	1.6	1.7	1.8	2.0	2.3	2.6	2.8	2.9	3.0	3.0
BG	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.4	0.4
CZ	0.5	0.2	0.3	0.3	0.3	0.3	0.4	0.4	0.5	0.5	0.6	0.6	0.7
DK	1.7	1.7	1.8	1.9	2.1	2.4	2.7	2.9	3.1	3.2	3.4	3.4	3.5
DE	1.5	0.9	1.0	1.1	1.2	1.3	1.5	1.6	1.8	2.1	2.3	2.4	2.5
EE	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
IE	1.4	0.8	0.9	0.9	0.9	1.0	1.1	1.3	1.4	1.6	1.8	2.0	2.3
EL	2.4	1.4	1.5	1.7	1.8	2.0	2.1	2.3	2.6	3.0	3.3	3.6	3.8
ES	0.9	0.5	0.7	0.9	0.9	0.9	1.0	1.0	1.1	1.3	1.4	1.4	1.5
FR	0.9	1.4	1.5	1.5	1.6	1.6	1.8	2.0	2.1	2.2	2.2	2.3	2.3
IT	1.4	1.7	1.7	1.8	1.8	1.9	2.0	2.2	2.4	2.7	2.9	3.0	3.1
CY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LV	0.5	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.7	0.8	0.9	0.9
LT	0.6	0.5	0.5	0.5	0.5	0.6	0.6	0.7	0.7	0.8	0.9	1.0	1.1
LU	2.2	1.4	1.4	1.4	1.5	1.7	1.8	2.1	2.4	2.8	3.1	3.4	3.6
HU	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.6	0.6
MT	1.9	1.0	1.0	1.1	1.3	1.5	1.7	1.9	2.1	2.2	2.3	2.6	2.8
NL	5.2	3.4	3.5	3.8	4.2	4.8	5.6	6.4	7.1	7.7	8.2	8.5	8.5
AT	1.3	1.3	1.3	1.3	1.4	1.6	1.7	1.9	2.1	2.3	2.5	2.6	2.6
PL	0.7	0.4	0.4	0.4	0.5	0.5	0.6	0.7	0.7	0.8	0.9	1.0	1.1
PT	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
RO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
SI	1.8	1.1	1.2	1.3	1.4	1.6	1.8	2.0	2.2	2.5	2.7	2.8	2.9
SK	0.4	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.5	0.6	0.6
FI	2.7	1.8	1.9	2.2	2.4	2.7	3.1	3.5	4.0	4.1	4.2	4.4	4.5
SE	2.6	3.5	3.5	3.5	3.7	4.1	4.6	4.9	5.1	5.3	5.5	5.8	6.0
UK	0.5	0.8	0.8	0.9	0.9	1.0	1.1	1.1	1.2	1.2	1.3	1.3	1.4
NO	2.9	2.2	2.2	2.3	2.3	2.6	2.9	3.4	3.9	4.2	4.5	4.8	5.1
EU27	1.3	1.2	1.3	1.3	1.4	1.5	1.7	1.8	2.0	2.2	2.4	2.5	2.5
EA16	1.5	1.3	1.4	1.4	1.5	1.6	1.8	2.0	2.2	2.4	2.6	2.7	2.8
EU15	1.3	1.3	1.4	1.4	1.5	1.6	1.8	2.0	2.1	2.3	2.5	2.6	2.6
EU12	0.5	0.3	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.6	0.7	0.7	0.8
EU25	1.3	1.2	1.3	1.4	1.4	1.5	1.7	1.9	2.0	2.2	2.4	2.5	2.6
EA12	1.5	1.3	1.4	1.5	1.6	1.7	1.8	2.0	2.3	2.5	2.6	2.8	2.8
EU10	0.6	0.4	0.4	0.4	0.4	0.5	0.5	0.6	0.7	0.7	0.8	0.9	1.0

Source: Commission services.

Table A 97 - Long-term care spending – GDP per capita scenario (as % of GDP)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	1.3	1.5	1.6	1.7	1.7	1.8	2.0	2.2	2.4	2.6	2.7	2.8	2.8
BG	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3
CZ	0.4	0.2	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.6
DK	1.4	1.7	1.8	1.9	2.0	2.3	2.5	2.7	2.8	3.0	3.1	3.2	3.2
DE	1.3	0.9	1.0	1.1	1.2	1.3	1.5	1.6	1.7	1.9	2.1	2.2	2.2
EE	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
IE	1.1	0.8	0.9	0.9	0.9	1.0	1.1	1.2	1.4	1.5	1.6	1.8	2.0
EL	2.0	1.4	1.5	1.7	1.9	2.0	2.1	2.2	2.5	2.7	2.9	3.2	3.4
ES	0.8	0.5	0.7	0.9	0.9	0.9	1.0	1.0	1.1	1.2	1.2	1.3	1.3
FR	0.7	1.4	1.5	1.5	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.1	2.1
IT	1.2	1.7	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.5	2.7	2.8	2.8
CY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LV	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.7	0.7	0.7
LT	0.4	0.5	0.5	0.5	0.5	0.6	0.6	0.7	0.7	0.8	0.8	0.9	0.9
LU	2.2	1.4	1.4	1.6	1.7	1.8	2.0	2.2	2.5	2.9	3.2	3.5	3.6
HU	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.6
MT	1.5	1.0	1.0	1.1	1.3	1.5	1.7	1.9	2.0	2.1	2.1	2.3	2.5
NL	4.2	3.4	3.5	3.8	4.1	4.5	5.1	5.7	6.3	6.8	7.3	7.5	7.6
AT	1.1	1.3	1.3	1.3	1.4	1.5	1.6	1.8	1.9	2.1	2.3	2.3	2.3
PL	0.5	0.4	0.4	0.4	0.5	0.5	0.6	0.6	0.7	0.8	0.8	0.9	0.9
PT	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
RO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SI	1.2	1.1	1.2	1.3	1.4	1.5	1.6	1.8	1.9	2.1	2.2	2.3	2.3
SK	0.3	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.5	0.5
FI	2.3	1.8	1.9	2.1	2.3	2.6	2.9	3.3	3.7	3.8	3.9	4.0	4.1
SE	2.0	3.5	3.5	3.5	3.6	3.9	4.3	4.6	4.8	5.0	5.2	5.4	5.5
UK	0.4	0.8	0.8	0.9	0.9	0.9	1.0	1.1	1.1	1.1	1.2	1.2	1.3
NO	2.3	2.2	2.2	2.2	2.3	2.4	2.7	3.1	3.5	3.7	4.0	4.2	4.5
EU27	1.1	1.2	1.3	1.3	1.4	1.5	1.6	1.7	1.9	2.0	2.2	2.3	2.3
EA16	1.2	1.3	1.4	1.5	1.5	1.6	1.8	1.9	2.1	2.2	2.4	2.5	2.5
EU15	1.1	1.3	1.4	1.4	1.5	1.6	1.7	1.9	2.0	2.1	2.3	2.4	2.4
EU12	0.4	0.3	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.7
EU25	1.1	1.2	1.3	1.4	1.4	1.5	1.6	1.8	1.9	2.0	2.2	2.3	2.3
EA12	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.1	2.3	2.4	2.5	2.6
EU10	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.6	0.6	0.7	0.7	0.8	0.8

Source: Commission services.

Table A 98 - Long-term care spending – Constant disability scenario (as % of GDP)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	1.2	1.5	1.5	1.6	1.6	1.7	1.9	2.1	2.3	2.5	2.6	2.7	2.7
BG	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.4	0.4
CZ	0.4	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.6	0.6
DK	1.3	1.7	1.8	1.9	2.1	2.3	2.5	2.7	2.8	2.9	3.0	3.0	3.0
DE	1.3	0.9	1.0	1.0	1.1	1.3	1.4	1.5	1.7	1.9	2.1	2.2	2.2
EE	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
IE	1.2	0.8	0.9	0.9	0.9	1.0	1.1	1.2	1.3	1.5	1.7	1.9	2.1
EL	2.0	1.4	1.5	1.6	1.8	1.9	2.0	2.2	2.4	2.7	3.0	3.2	3.4
ES	0.8	0.5	0.7	0.9	0.9	0.9	1.0	1.0	1.1	1.2	1.3	1.3	1.3
FR	0.7	1.4	1.5	1.5	1.6	1.6	1.7	1.9	2.0	2.0	2.1	2.1	2.1
IT	1.1	1.7	1.7	1.8	1.8	1.8	1.9	2.1	2.3	2.5	2.6	2.8	2.8
CY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LV	0.5	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.7	0.7	0.8	0.9
LT	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.7	0.7	0.8	0.9	1.0	1.0
LU	1.9	1.4	1.4	1.4	1.5	1.6	1.8	2.0	2.3	2.6	2.9	3.1	3.3
HU	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.6	0.6
MT	1.4	1.0	1.0	1.1	1.2	1.4	1.6	1.8	1.9	2.0	2.1	2.2	2.4
NL	4.2	3.4	3.5	3.7	4.0	4.5	5.2	5.9	6.5	6.9	7.3	7.6	7.6
AT	1.1	1.3	1.3	1.3	1.4	1.5	1.6	1.8	1.9	2.1	2.2	2.3	2.3
PL	0.7	0.4	0.4	0.4	0.5	0.5	0.6	0.6	0.7	0.8	0.9	1.0	1.1
PT	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
RO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SI	1.7	1.1	1.2	1.3	1.4	1.5	1.7	2.0	2.2	2.4	2.6	2.7	2.8
SK	0.4	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.5	0.5	0.6
FI	2.5	1.8	1.9	2.2	2.4	2.7	3.0	3.4	3.8	4.0	4.1	4.2	4.2
SE	2.0	3.5	3.5	3.5	3.6	3.9	4.3	4.6	4.8	4.9	5.1	5.3	5.5
UK	0.4	0.8	0.8	0.9	0.9	0.9	1.0	1.1	1.1	1.1	1.2	1.2	1.3
NO	2.5	2.2	2.2	2.2	2.3	2.5	2.8	3.3	3.7	3.9	4.2	4.5	4.7
EU27	1.1	1.2	1.3	1.3	1.4	1.5	1.6	1.7	1.9	2.0	2.2	2.3	2.3
EA16	1.3	1.3	1.3	1.4	1.5	1.6	1.7	1.9	2.1	2.2	2.4	2.5	2.5
EU15	1.1	1.3	1.3	1.4	1.5	1.6	1.7	1.9	2.0	2.1	2.3	2.4	2.4
EU12	0.4	0.3	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.6	0.6	0.7	0.8
EU25	1.1	1.2	1.3	1.3	1.4	1.5	1.6	1.8	1.9	2.0	2.2	2.3	2.3
EA12	1.3	1.3	1.4	1.5	1.5	1.6	1.8	1.9	2.1	2.3	2.4	2.5	2.6
EU10	0.5	0.4	0.4	0.4	0.4	0.5	0.5	0.6	0.6	0.7	0.8	0.8	0.9

Source: Commission services.

Table A 99 - Long-term care spending – GDP per worker fast growth scenario (as % of GDP)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	1.9	1.5	1.6	1.8	1.9	2.0	2.2	2.5	2.8	3.1	3.2	3.3	3.4
BG	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.4	0.4	0.4
CZ	0.5	0.2	0.3	0.3	0.3	0.4	0.4	0.5	0.5	0.6	0.6	0.7	0.8
DK	2.1	1.7	1.8	2.1	2.4	2.7	3.0	3.3	3.4	3.6	3.7	3.8	3.8
DE	1.8	0.9	1.0	1.2	1.3	1.5	1.6	1.8	2.0	2.3	2.5	2.7	2.7
EE	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
IE	1.6	0.8	0.9	1.0	1.0	1.1	1.2	1.4	1.6	1.8	2.0	2.2	2.5
EL	2.8	1.4	1.5	1.8	2.0	2.2	2.3	2.6	2.9	3.3	3.7	4.0	4.2
ES	1.0	0.5	0.7	0.9	1.0	1.0	1.0	1.1	1.2	1.4	1.5	1.5	1.6
FR	1.1	1.4	1.5	1.7	1.7	1.8	2.0	2.2	2.3	2.4	2.5	2.5	2.5
IT	1.7	1.7	1.8	1.9	2.0	2.1	2.2	2.4	2.7	2.9	3.2	3.4	3.4
CY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LV	0.6	0.4	0.4	0.4	0.5	0.5	0.6	0.6	0.7	0.7	0.8	0.9	1.0
LT	0.7	0.5	0.5	0.5	0.6	0.6	0.7	0.7	0.8	0.9	1.0	1.1	1.2
LU	2.5	1.4	1.4	1.5	1.7	1.8	2.0	2.3	2.7	3.1	3.4	3.7	3.9
HU	0.5	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.6	0.6	0.7
MT	2.1	1.0	1.1	1.2	1.4	1.7	1.9	2.1	2.3	2.4	2.6	2.8	3.1
NL	6.1	3.4	3.6	4.1	4.6	5.3	6.1	7.1	7.9	8.5	9.0	9.3	9.4
AT	1.6	1.3	1.3	1.5	1.6	1.7	1.9	2.1	2.3	2.5	2.7	2.8	2.9
PL	0.8	0.4	0.4	0.5	0.5	0.6	0.7	0.7	0.8	0.9	1.0	1.1	1.2
PT	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
RO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
SI	2.1	1.1	1.2	1.4	1.5	1.7	2.0	2.2	2.5	2.7	2.9	3.1	3.2
SK	0.5	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5	0.6	0.7
FI	3.1	1.8	2.0	2.3	2.7	3.0	3.4	3.9	4.4	4.6	4.7	4.8	4.9
SE	3.2	3.5	3.6	3.8	4.1	4.5	5.0	5.4	5.6	5.8	6.1	6.4	6.7
UK	0.7	0.8	0.9	0.9	1.0	1.1	1.2	1.2	1.3	1.3	1.4	1.4	1.5
NO	3.4	2.2	2.2	2.4	2.6	2.8	3.2	3.8	4.3	4.6	4.9	5.3	5.6
EU27	1.6	1.2	1.3	1.4	1.6	1.7	1.8	2.0	2.2	2.4	2.6	2.7	2.8
EA16	1.8	1.3	1.4	1.6	1.7	1.8	2.0	2.2	2.4	2.7	2.9	3.0	3.1
EU15	1.6	1.3	1.4	1.6	1.7	1.8	2.0	2.2	2.4	2.6	2.7	2.8	2.9
EU12	0.6	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.6	0.7	0.7	0.8	0.9
EU25	1.6	1.2	1.3	1.5	1.6	1.7	1.9	2.1	2.2	2.4	2.6	2.8	2.8
EA12	1.8	1.3	1.4	1.6	1.7	1.8	2.0	2.2	2.5	2.7	2.9	3.1	3.1
EU10	0.7	0.4	0.4	0.4	0.5	0.5	0.6	0.6	0.7	0.8	0.9	1.0	1.1

Source: Commission services.

Table A 100 - Long-term care spending – Shift 1% dependents from informal to home care scenario (as % of GDP)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	1.8	1.5	1.6	1.7	1.8	2.0	2.2	2.5	2.8	3.0	3.1	3.2	3.3
BG	0.3	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.4	0.4	0.5	0.5
CZ	0.5	0.2	0.3	0.3	0.3	0.3	0.4	0.4	0.5	0.5	0.6	0.7	0.7
DK	2.1	1.7	1.8	2.1	2.3	2.6	3.0	3.2	3.4	3.6	3.7	3.8	3.8
DE	1.7	0.9	1.0	1.1	1.2	1.4	1.6	1.7	1.9	2.2	2.4	2.6	2.6
EE	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
IE	1.5	0.8	0.9	0.9	1.0	1.1	1.2	1.3	1.5	1.7	1.9	2.2	2.4
EL	2.6	1.4	1.5	1.7	1.9	2.0	2.2	2.5	2.8	3.1	3.5	3.8	4.0
ES	1.0	0.5	0.7	0.9	0.9	1.0	1.0	1.1	1.2	1.3	1.4	1.5	1.5
FR	1.0	1.4	1.5	1.6	1.6	1.7	1.8	2.0	2.2	2.2	2.3	2.3	2.3
IT	1.9	1.7	1.8	2.0	2.1	2.2	2.3	2.5	2.8	3.1	3.3	3.5	3.6
CY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LV	0.6	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.7	0.7	0.8	0.9	1.0
LT	0.7	0.5	0.5	0.5	0.5	0.6	0.6	0.7	0.8	0.9	1.0	1.1	1.2
LU	2.4	1.4	1.4	1.5	1.6	1.8	2.0	2.2	2.6	3.0	3.3	3.6	3.8
HU	0.6	0.3	0.3	0.3	0.4	0.4	0.5	0.5	0.6	0.6	0.7	0.8	0.9
MT	1.9	1.0	1.0	1.2	1.3	1.5	1.7	1.9	2.1	2.2	2.3	2.6	2.8
NL	5.4	3.4	3.5	3.9	4.3	4.9	5.7	6.6	7.3	7.9	8.4	8.7	8.8
AT	1.5	1.3	1.3	1.4	1.5	1.6	1.8	2.0	2.2	2.4	2.6	2.7	2.8
PL	1.0	0.4	0.4	0.5	0.6	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.4
PT	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
RO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
SI	2.1	1.1	1.2	1.3	1.5	1.7	1.9	2.2	2.4	2.7	2.9	3.1	3.2
SK	0.6	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5	0.6	0.7	0.8
FI	2.9	1.8	1.9	2.3	2.6	2.9	3.3	3.8	4.2	4.4	4.5	4.6	4.7
SE	2.8	3.5	3.6	3.7	3.9	4.3	4.8	5.1	5.3	5.5	5.8	6.1	6.3
UK	0.6	0.8	0.8	0.9	0.9	1.0	1.1	1.2	1.2	1.2	1.3	1.3	1.4
NO	3.0	2.2	2.2	2.3	2.4	2.6	3.0	3.5	4.0	4.3	4.6	4.9	5.2
EU27	1.5	1.2	1.3	1.4	1.5	1.6	1.8	1.9	2.1	2.3	2.5	2.6	2.7
EA16	1.7	1.3	1.4	1.5	1.6	1.7	1.9	2.1	2.4	2.6	2.8	2.9	3.0
EU15	1.5	1.3	1.4	1.5	1.6	1.7	1.9	2.1	2.3	2.5	2.6	2.7	2.8
EU12	0.6	0.3	0.3	0.4	0.4	0.5	0.5	0.6	0.6	0.7	0.8	0.9	0.9
EU25	1.5	1.2	1.3	1.4	1.5	1.6	1.8	2.0	2.2	2.3	2.5	2.7	2.7
EA12	1.7	1.3	1.4	1.5	1.7	1.8	2.0	2.2	2.4	2.6	2.8	2.9	3.0
EU10	0.8	0.4	0.4	0.4	0.5	0.6	0.6	0.7	0.8	0.8	0.9	1.0	1.1

Source: Commission services.

Table A 101 - Long-term care spending - Shift 1% dependents from informal to instit. care scenario (as % of GDP)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	2.2	1.5	1.7	1.9	2.1	2.2	2.5	2.8	3.1	3.4	3.5	3.6	3.7
BG	0.3	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.5	0.5
CZ	0.7	0.2	0.3	0.3	0.4	0.4	0.5	0.5	0.6	0.7	0.7	0.8	0.9
DK	1.7	1.7	1.8	1.9	2.1	2.4	2.7	2.9	3.1	3.3	3.4	3.4	3.5
DE	2.0	0.9	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.5	2.7	2.9	2.9
EE	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.3
IE	1.8	0.8	0.9	1.0	1.1	1.2	1.3	1.5	1.7	1.9	2.2	2.4	2.7
EL	3.0	1.4	1.5	1.9	2.1	2.3	2.4	2.7	3.1	3.5	3.9	4.2	4.4
ES	2.8	0.5	0.9	1.4	1.6	1.7	1.8	2.0	2.3	2.6	3.0	3.2	3.3
FR	1.3	1.4	1.5	1.7	1.8	1.9	2.1	2.3	2.5	2.6	2.6	2.7	2.7
IT	2.5	1.7	1.8	2.2	2.4	2.5	2.7	2.9	3.2	3.6	3.9	4.1	4.2
CY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LV	1.5	0.4	0.5	0.7	0.9	0.9	1.0	1.1	1.2	1.4	1.6	1.8	1.9
LT	0.9	0.5	0.5	0.6	0.6	0.7	0.8	0.8	0.9	1.0	1.2	1.3	1.4
LU	2.9	1.4	1.5	1.7	1.9	2.1	2.3	2.6	3.0	3.4	3.8	4.1	4.3
HU	0.8	0.3	0.3	0.4	0.5	0.5	0.6	0.6	0.7	0.8	0.9	1.0	1.0
MT	2.5	1.0	1.1	1.3	1.5	1.8	2.1	2.3	2.5	2.7	2.9	3.1	3.5
NL	6.2	3.4	3.6	4.1	4.7	5.4	6.3	7.2	8.0	8.7	9.2	9.5	9.6
AT	1.4	1.3	1.3	1.4	1.5	1.6	1.8	2.0	2.2	2.4	2.6	2.7	2.7
PL	0.8	0.4	0.4	0.4	0.5	0.6	0.6	0.7	0.8	0.8	0.9	1.1	1.2
PT	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.3
RO	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1
SI	2.4	1.1	1.2	1.4	1.7	1.9	2.1	2.4	2.7	3.0	3.2	3.4	3.5
SK	0.4	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.5	0.6	0.6
FI	3.8	1.8	2.1	2.7	3.1	3.5	4.0	4.5	5.0	5.2	5.3	5.4	5.6
SE	3.4	3.5	3.7	3.9	4.2	4.7	5.2	5.6	5.8	6.0	6.3	6.7	6.9
UK	0.7	0.8	0.9	0.9	1.0	1.1	1.1	1.2	1.3	1.3	1.4	1.4	1.5
NO	3.9	2.2	2.3	2.6	2.8	3.1	3.5	4.1	4.6	5.0	5.3	5.7	6.0
EU27	2.0	1.2	1.3	1.6	1.7	1.9	2.1	2.3	2.5	2.7	2.9	3.1	3.2
EA16	2.3	1.3	1.5	1.7	1.9	2.1	2.3	2.6	2.8	3.1	3.4	3.5	3.6
EU15	2.0	1.3	1.4	1.7	1.9	2.0	2.2	2.4	2.7	2.9	3.1	3.2	3.3
EU12	0.7	0.3	0.3	0.4	0.4	0.5	0.5	0.6	0.6	0.7	0.8	0.9	1.0
EU25	2.0	1.2	1.4	1.6	1.8	1.9	2.1	2.3	2.5	2.8	3.0	3.1	3.2
EA12	2.3	1.3	1.5	1.8	2.0	2.1	2.3	2.6	2.9	3.2	3.4	3.6	3.6
EU10	0.8	0.4	0.4	0.4	0.5	0.6	0.6	0.7	0.8	0.9	0.9	1.0	1.1

Source: Commission services.

Table A 102 - Long-term care spending - Shift 1% dependents from informal to home/instit. care scenario (as % of GDP)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	2.0	1.5	1.6	1.8	1.9	2.1	2.4	2.7	2.9	3.2	3.3	3.4	3.5
BG	0.3	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.4	0.4	0.5	0.5
CZ	0.6	0.2	0.3	0.3	0.3	0.4	0.4	0.5	0.5	0.6	0.7	0.7	0.8
DK	1.9	1.7	1.8	2.0	2.2	2.5	2.9	3.1	3.3	3.4	3.5	3.6	3.6
DE	1.8	0.9	1.0	1.2	1.3	1.5	1.7	1.9	2.1	2.3	2.6	2.7	2.8
EE	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
IE	1.7	0.8	0.9	1.0	1.1	1.1	1.3	1.4	1.6	1.8	2.1	2.3	2.5
EL	2.8	1.4	1.5	1.8	2.0	2.2	2.3	2.6	2.9	3.3	3.7	4.0	4.2
ES	1.5	0.5	0.8	1.1	1.1	1.2	1.3	1.4	1.5	1.7	1.9	2.0	2.0
FR	1.1	1.4	1.5	1.6	1.7	1.8	2.0	2.2	2.3	2.4	2.5	2.5	2.5
IT	2.2	1.7	1.8	2.1	2.2	2.3	2.5	2.7	3.0	3.3	3.6	3.8	3.9
CY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LV	1.1	0.4	0.4	0.6	0.7	0.7	0.8	0.9	0.9	1.0	1.2	1.4	1.5
LT	0.8	0.5	0.5	0.5	0.6	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3
LU	2.7	1.4	1.4	1.6	1.8	1.9	2.1	2.4	2.8	3.2	3.6	3.9	4.0
HU	0.7	0.3	0.3	0.4	0.4	0.5	0.5	0.6	0.6	0.7	0.8	0.9	1.0
MT	2.2	1.0	1.1	1.2	1.4	1.7	1.9	2.1	2.3	2.4	2.6	2.8	3.1
NL	5.8	3.4	3.6	4.0	4.5	5.1	6.0	6.9	7.7	8.3	8.8	9.1	9.2
AT	1.5	1.3	1.3	1.4	1.5	1.6	1.8	2.0	2.2	2.4	2.6	2.7	2.7
PL	0.9	0.4	0.4	0.5	0.5	0.6	0.7	0.7	0.8	0.9	1.0	1.1	1.3
PT	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2
RO	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
SI	2.2	1.1	1.2	1.4	1.6	1.8	2.0	2.3	2.6	2.8	3.1	3.2	3.4
SK	0.5	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.5	0.6	0.6	0.7
FI	3.3	1.8	2.0	2.5	2.8	3.2	3.7	4.1	4.6	4.8	4.9	5.0	5.1
SE	3.1	3.5	3.6	3.8	4.0	4.5	5.0	5.4	5.6	5.8	6.1	6.4	6.6
UK	0.6	0.8	0.9	0.9	1.0	1.0	1.1	1.2	1.2	1.3	1.3	1.4	1.4
NO	3.4	2.2	2.2	2.4	2.6	2.9	3.3	3.8	4.3	4.6	5.0	5.3	5.6
EU27	1.7	1.2	1.3	1.5	1.6	1.7	1.9	2.1	2.3	2.5	2.7	2.9	2.9
EA16	2.0	1.3	1.4	1.6	1.8	1.9	2.1	2.3	2.6	2.8	3.1	3.2	3.3
EU15	1.8	1.3	1.4	1.6	1.7	1.9	2.1	2.3	2.5	2.7	2.9	3.0	3.0
EU12	0.6	0.3	0.3	0.4	0.4	0.5	0.5	0.6	0.6	0.7	0.8	0.9	1.0
EU25	1.7	1.2	1.3	1.5	1.6	1.8	1.9	2.1	2.3	2.6	2.7	2.9	3.0
EA12	2.0	1.3	1.4	1.7	1.8	1.9	2.1	2.4	2.6	2.9	3.1	3.3	3.3
EU10	0.8	0.4	0.4	0.4	0.5	0.6	0.6	0.7	0.8	0.8	0.9	1.0	1.1

Source: Commission services.

Table A 103 – Number of dependents people – AWG reference scenario (thousands people)

Country	% 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	103%	455	477	523	556	601	667	735	800	850	887	908	922
BG	42%	841	840	883	925	965	999	1028	1074	1132	1175	1212	1196
CZ	147%	256	276	313	350	390	434	468	497	527	554	593	632
DK	106%	164	169	184	204	233	263	286	302	316	327	335	337
DE	75%	3201	3400	3690	4078	4386	4647	5031	5390	5754	5954	5855	5613
EE	61%	81	81	86	90	94	100	104	110	114	120	127	130
IE	290%	93	101	117	135	156	180	207	236	270	306	335	361
EL	123%	338	370	425	460	479	511	555	607	657	704	736	753
ES	155%	1728	1838	2016	2158	2344	2615	2938	3317	3722	4063	4296	4403
FR	101%	2263	2409	2651	2836	3073	3459	3856	4159	4332	4458	4532	4541
IT	89%	2515	2675	2904	3097	3265	3503	3784	4109	4442	4698	4803	4749
CY	272%	35	37	44	51	60	70	78	87	96	107	118	128
LV	54%	123	124	127	130	137	145	151	159	165	175	186	189
LT	79%	191	198	207	216	231	251	271	292	307	322	335	343
LU	207%	14	16	18	20	22	25	29	33	37	40	43	44
HU	80%	594	613	652	721	771	794	832	884	959	996	1035	1068
MT	165%	9	10	12	14	17	19	20	21	22	23	24	25
NL	136%	387	410	461	515	588	684	770	839	887	922	931	913
AT	111%	268	281	299	320	358	398	441	483	525	560	571	567
PL	131%	1485	1529	1721	1982	2273	2480	2647	2806	2967	3148	3304	3433
PT	106%	698	737	806	869	939	1022	1108	1205	1300	1373	1415	1436
RO	114%	971	989	1058	1141	1239	1302	1457	1584	1735	1842	2014	2082
SI	101%	76	81	89	101	112	123	133	141	149	153	155	153
SK	165%	239	249	275	323	372	418	453	492	537	575	610	633
FI	84%	274	289	338	378	421	458	485	492	495	495	497	505
SE	89%	312	320	340	368	406	453	486	508	524	548	571	589
UK	99%	3094	3207	3478	3721	4028	4445	4847	5157	5382	5655	5932	6156
NO	137%	155	161	176	192	216	245	277	302	320	336	352	367
EU27	102%	20705	21725	23716	25759	27961	30465	33200	35786	38205	40179	41471	41901
EA16	104%	12594	13379	14666	15910	17192	18799	20623	22412	24076	25317	25828	25746
EU15	102%	15804	16697	18249	19715	21298	23331	25558	27638	29494	30988	31759	31889
EU12	104%	4902	5028	5467	6045	6663	7135	7642	8148	8711	9191	9712	10012
EU25	104%	18893	19896	21775	23693	25756	28164	30715	33128	35338	37162	38245	38624
EA12	103%	12235	13001	14246	15421	16631	18170	19938	21670	23272	24459	24922	24807
EU10	118%	3089	3199	3526	3978	4458	4833	5158	5490	5844	6174	6486	6734

Source: Commission services.

Table A 104 – Number of dependents people receiving formal care – AWG reference scenario (thousands people)

Country	% 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	152%	248	266	300	322	347	384	435	494	544	585	610	624
BG	88%	97	100	105	112	120	128	137	146	155	164	174	182
CZ	168%	123	134	155	176	194	215	238	259	276	291	308	330
DK	127%	171	176	191	212	242	279	311	332	350	367	382	387
DE	120%	1589	1691	1908	2117	2334	2542	2716	2935	3232	3483	3592	3490
EE	109%	10	10	11	12	12	13	14	16	17	18	19	20
IE	360%	62	68	78	90	105	124	146	170	196	225	255	286
EL	158%	239	263	310	343	364	386	421	465	511	553	590	615
ES	548%	362	634	1144	1235	1356	1508	1695	1898	2105	2252	2334	2346
FR	121%	1505	1632	1807	1941	2090	2338	2676	2939	3099	3215	3292	3330
IT	96%	524	557	612	652	693	746	806	877	951	1011	1038	1028
CY	324%	3	3	3	4	5	6	6	7	8	9	10	11
LV	80%	13	13	14	14	15	16	17	18	19	21	22	23
LT	103%	39	41	44	47	50	54	58	64	69	74	77	78
LU	282%	8	8	10	11	12	14	16	19	22	25	27	29
HU	113%	86	89	96	106	116	124	135	142	152	161	171	183
MT	169%	11	12	14	17	20	22	24	25	26	27	28	30
NL	137%	622	658	733	824	944	1089	1236	1350	1429	1483	1497	1473
AT	146%	186	196	212	228	254	287	321	356	397	435	455	456
PL	167%	251	266	298	338	390	440	489	535	571	600	630	669
PT	173%	227	246	281	311	339	372	411	456	503	548	588	621
RO	137%	229	236	253	274	299	321	355	394	431	467	508	542
SI	147%	24	27	31	34	38	43	47	52	56	58	60	60
SK	213%	31	32	36	41	48	56	63	70	77	83	90	96
FI	141%	107	116	133	151	171	198	225	244	251	254	255	257
SE	101%	318	325	341	368	414	469	512	536	558	588	617	638
UK	136%	1352	1410	1521	1635	1796	2011	2250	2469	2673	2896	3080	3194
NO	157%	162	166	174	187	212	249	288	322	348	375	398	415
EU27	149%	8433	9208	10640	11615	12771	14184	15761	17268	18679	19895	20711	21000
EA16	157%	5746	6409	7611	8322	9122	10112	11244	12357	13407	14248	14723	14752
EU15	150%	7519	8246	9581	10440	11464	12746	14177	15540	16821	17922	18614	18774
EU12	143%	915	962	1060	1174	1306	1438	1584	1729	1857	1973	2098	2226
EU25	150%	8108	8873	10282	11229	12352	13735	15268	16728	18093	19264	20029	20275
EA12	156%	5677	6335	7528	8226	9011	9986	11103	12203	13240	14070	14535	14554
EU10	155%	589	627	701	789	888	989	1092	1188	1271	1342	1415	1502

Source: Commission services.

Table A 105 - Number of dependents people receiving informal or no care – AWG reference scenario (thousands people)

Country	% 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	44%	207	211	223	234	253	283	299	306	306	301	297	298
BG	36%	744	741	777	813	846	871	890	927	977	1011	1037	1013
CZ	127%	133	142	158	174	196	219	230	238	251	263	285	302
DK	:	0	0	0	0	0	0	0	0	0	0	0	0
DE	32%	1612	1709	1782	1961	2052	2105	2315	2455	2523	2471	2264	2123
EE	55%	71	71	75	78	82	86	90	95	98	102	108	110
IE	146%	30	33	39	45	51	56	60	66	73	81	80	75
EL	38%	100	107	115	116	115	125	134	142	146	150	146	138
ES	51%	1366	1204	872	923	987	1107	1244	1419	1618	1810	1961	2057
FR	60%	758	777	844	895	982	1121	1180	1220	1233	1244	1240	1212
IT	87%	1992	2118	2292	2445	2572	2757	2978	3232	3490	3686	3765	3721
CY	268%	32	34	40	47	55	64	72	79	87	98	107	117
LV	51%	110	111	113	116	122	129	134	141	146	154	164	167
LT	74%	152	157	163	170	181	197	212	228	237	248	258	264
LU	126%	7	7	8	9	10	12	13	14	15	15	15	16
HU	74%	508	524	555	615	655	670	697	741	807	835	864	885
MT	:	0	0	0	0	0	0	0	0	0	0	0	0
NL	:	0	0	0	0	0	0	0	0	0	0	0	0
AT	34%	83	85	87	91	103	111	121	127	128	125	116	111
PL	124%	1235	1263	1423	1644	1884	2040	2157	2272	2397	2548	2674	2764
PT	73%	471	490	525	557	599	651	697	750	797	825	826	814
RO	107%	743	753	805	867	940	981	1102	1191	1304	1376	1506	1540
SI	79%	52	54	58	67	74	81	86	90	93	95	95	92
SK	158%	208	217	239	282	324	362	390	422	460	491	520	537
FI	48%	168	173	204	227	250	261	260	248	244	242	242	248
SE	:	0	0	0	0	0	0	0	0	0	0	0	0
UK	70%	1741	1797	1957	2087	2232	2433	2597	2689	2708	2759	2852	2962
NO	:	0	0	2	5	4	0	0	0	0	0	0	0
EU27	70%	12272	12516	13076	14144	15190	16282	17439	18517	19526	20284	20760	20901
EA16	61%	6848	6970	7055	7588	8070	8687	9380	10055	10668	11069	11105	10994
EU15	58%	8285	8451	8668	9274	9834	10585	11381	12098	12673	13067	13145	13116
EU12	95%	3987	4065	4407	4870	5356	5697	6058	6419	6853	7218	7614	7786
EU25	70%	10785	11023	11493	12464	13404	14429	15447	16400	17245	17898	18216	18348
EA12	56%	6558	6666	6719	7195	7619	8183	8835	9468	10032	10389	10387	10253
EU10	109%	2500	2572	2825	3190	3570	3844	4066	4302	4572	4832	5071	5233

Source: Commission services.

Education expenditure projections

Table A 106 – Education spending - Total (as % of GDP)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	0.0	5.5	5.4	5.2	5.1	5.3	5.4	5.4	5.4	5.4	5.4	5.4	5.5
BG	-0.2	3.3	2.9	2.7	2.8	2.9	2.9	2.7	2.7	2.8	2.9	3.0	3.0
CZ	-0.3	3.5	3.2	3.0	3.0	3.1	3.1	3.0	2.9	2.9	3.0	3.2	3.2
DK	0.2	7.1	7.2	7.4	7.4	7.3	7.4	7.4	7.5	7.5	7.4	7.3	7.2
DE	-0.4	3.9	3.7	3.4	3.2	3.2	3.3	3.4	3.4	3.4	3.4	3.4	3.5
EE	-0.2	3.7	3.1	3.0	3.3	3.5	3.4	3.3	3.1	3.1	3.2	3.4	3.5
IE	-0.3	4.5	4.4	4.4	4.4	4.4	4.4	4.2	4.0	4.0	4.1	4.2	4.2
EL	0.0	3.7	3.5	3.3	3.3	3.4	3.4	3.4	3.4	3.5	3.5	3.6	3.7
ES	0.1	3.5	3.4	3.4	3.5	3.5	3.4	3.2	3.2	3.3	3.5	3.6	3.6
FR	0.0	4.7	4.6	4.6	4.6	4.7	4.7	4.7	4.6	4.6	4.7	4.7	4.6
IT	-0.3	4.1	4.0	3.9	3.8	3.7	3.6	3.6	3.6	3.7	3.8	3.8	3.8
CY	-1.2	6.1	5.6	4.9	4.8	4.9	5.0	5.0	4.8	4.7	4.7	4.8	5.0
LV	-0.3	3.7	3.1	2.8	3.0	3.2	3.2	3.1	2.9	2.9	3.1	3.3	3.3
LT	-0.9	4.0	3.5	2.9	2.8	2.9	3.0	3.0	2.9	2.8	2.8	3.0	3.1
LU	-0.5	3.8	3.6	3.2	3.1	3.1	3.2	3.3	3.3	3.3	3.3	3.3	3.3
HU	-0.4	4.4	4.1	3.8	3.8	3.8	3.7	3.7	3.7	3.7	3.8	3.9	4.0
MT	-1.0	5.0	4.6	4.2	4.0	3.9	3.9	3.8	3.7	3.7	3.7	3.9	4.0
NL	-0.2	4.6	4.6	4.5	4.4	4.3	4.4	4.5	4.5	4.6	4.5	4.4	4.4
AT	-0.5	4.8	4.5	4.3	4.1	4.1	4.2	4.2	4.2	4.2	4.2	4.3	4.3
PL	-1.2	4.4	3.7	3.3	3.2	3.2	3.2	3.1	2.9	2.9	2.9	3.1	3.2
PT	-0.3	4.6	4.5	4.4	4.3	4.2	4.1	4.0	4.0	4.1	4.2	4.3	4.3
RO	-0.5	2.8	2.5	2.4	2.3	2.3	2.2	2.2	2.1	2.2	2.2	2.3	2.3
SI	0.4	5.1	4.8	4.8	4.9	5.0	5.0	4.9	5.0	5.1	5.3	5.5	5.6
SK	-0.8	3.1	2.8	2.4	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.2	2.3
FI	-0.3	5.7	5.4	5.3	5.2	5.3	5.4	5.4	5.4	5.3	5.3	5.3	5.4
SE	-0.3	6.0	5.8	5.5	5.5	5.6	5.7	5.7	5.7	5.6	5.6	5.6	5.8
UK	-0.1	3.8	3.8	3.7	3.8	3.8	3.9	3.9	3.8	3.7	3.7	3.7	3.8
NO	0.1	7.9	7.8	7.7	7.7	7.7	7.8	8.0	8.1	8.1	8.0	8.0	8.1
EU27	-0.2	4.3	4.1	4.0	3.9	3.9	3.9	3.9	3.9	3.9	4.0	4.0	4.1
EA16	-0.2	4.2	4.1	4.0	3.9	3.9	3.9	3.9	3.9	4.0	4.0	4.1	4.1
EU15	-0.1	4.3	4.2	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.1	4.1	4.1
EU12	-0.7	3.9	3.5	3.1	3.1	3.1	3.1	3.0	2.9	2.9	3.0	3.1	3.2
EU25	-0.2	4.3	4.1	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.1	4.1
EA12	-0.2	4.2	4.1	4.0	3.9	3.9	3.9	3.9	3.9	4.0	4.0	4.1	4.1
EU10	-0.8	4.2	3.7	3.3	3.2	3.3	3.3	3.2	3.1	3.1	3.2	3.3	3.4

Source: Commission services.

Table A 107 - Education spending - Primary (as % of GDP)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	0.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
BG	0.1	0.8	0.8	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.9	0.9	0.9
CZ	0.1	0.5	0.5	0.6	0.6	0.6	0.6	0.5	0.5	0.6	0.6	0.6	0.6
DK	-0.2	1.9	1.8	1.8	1.8	1.7	1.8	1.9	1.9	1.8	1.8	1.7	1.7
DE	0.0	0.6	0.6	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
EE	0.2	1.0	1.0	1.2	1.3	1.3	1.2	1.1	1.1	1.1	1.2	1.3	1.3
IE	0.0	1.5	1.6	1.6	1.7	1.6	1.5	1.4	1.4	1.4	1.5	1.5	1.5
EL	0.1	1.1	1.0	1.1	1.1	1.1	1.0	1.0	1.1	1.1	1.2	1.2	1.2
ES	0.1	1.1	1.1	1.2	1.2	1.1	1.0	1.0	1.0	1.1	1.2	1.2	1.2
FR	0.0	1.1	1.1	1.1	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
IT	-0.1	1.1	1.1	1.1	1.1	1.0	0.9	1.0	1.0	1.0	1.1	1.0	1.0
CY	-0.1	1.7	1.5	1.5	1.6	1.6	1.6	1.5	1.4	1.4	1.5	1.5	1.6
LV	0.2	0.7	0.7	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.8	0.8	0.8
LT	0.0	0.7	0.6	0.5	0.6	0.6	0.6	0.6	0.5	0.5	0.6	0.6	0.6
LU	-0.3	2.0	1.9	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7
HU	0.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	1.0	1.0	1.0	1.0
MT	-0.2	1.3	1.2	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.1	1.1
NL	-0.1	1.3	1.3	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.2	1.2	1.2
AT	0.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0
PL	-0.2	1.4	1.2	1.2	1.3	1.3	1.2	1.1	1.0	1.1	1.1	1.2	1.2
PT	-0.1	1.5	1.6	1.6	1.5	1.5	1.4	1.4	1.4	1.4	1.5	1.5	1.5
RO	-0.1	1.3	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.2	1.2	1.2
SI	0.5	2.6	2.5	2.7	2.8	2.8	2.7	2.6	2.6	2.8	3.0	3.1	3.0
SK	-0.1	0.6	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.5	0.5	0.5
FI	0.0	1.2	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
SE	0.2	1.6	1.6	1.7	1.7	1.8	1.8	1.8	1.7	1.7	1.7	1.8	1.8
UK	0.1	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.4
NO	-0.1	2.2	2.1	2.0	2.0	2.1	2.1	2.2	2.1	2.1	2.1	2.1	2.1
EU27	0.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
EA16	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
EU15	0.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
EU12	-0.1	1.2	1.1	1.1	1.1	1.1	1.0	1.0	0.9	1.0	1.0	1.1	1.1
EU25	0.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
EA12	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
EU10	-0.1	1.1	1.0	1.0	1.1	1.1	1.0	1.0	0.9	1.0	1.0	1.1	1.1

Source: Commission services.

Table A 108 - Education spending – Low secondary (as % of GDP)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	:	:	:	:	:	:	:	:	:	:	:	:	:
BG	0.0	0.8	0.6	0.7	0.7	0.8	0.7	0.7	0.7	0.7	0.8	0.8	0.8
CZ	-0.1	1.0	0.8	0.7	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.9	0.9
DK	-0.1	1.1	1.1	1.1	1.1	1.0	1.0	1.1	1.1	1.1	1.1	1.0	1.0
DE	-0.1	1.2	1.1	1.0	1.0	1.0	1.0	1.1	1.1	1.0	1.0	1.1	1.1
EE	0.0	0.8	0.6	0.6	0.7	0.8	0.8	0.7	0.7	0.6	0.7	0.7	0.8
IE	0.0	0.8	0.7	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.8	0.8
EL	:	:	:	:	:	:	:	:	:	:	:	:	:
ES	0.2	1.6	1.5	1.5	1.7	1.7	1.6	1.5	1.5	1.5	1.6	1.7	1.7
FR	0.0	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
IT	0.0	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.8	0.8	0.8	0.8
CY	-0.3	1.3	1.2	1.0	1.0	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.1
LV	-0.1	1.2	0.9	0.8	1.0	1.1	1.1	1.0	0.9	0.9	1.0	1.1	1.1
LT	-0.4	1.6	1.3	1.0	1.0	1.1	1.2	1.2	1.1	1.0	1.0	1.1	1.2
LU	-0.1	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
HU	-0.1	1.1	1.0	0.9	0.9	1.0	0.9	0.9	0.9	0.9	0.9	1.0	1.0
MT	-0.5	2.1	1.9	1.6	1.5	1.5	1.6	1.5	1.5	1.4	1.4	1.5	1.6
NL	-0.1	1.1	1.1	1.1	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.0	1.0
AT	-0.1	1.2	1.1	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
PL	-0.2	0.8	0.7	0.5	0.5	0.6	0.6	0.6	0.5	0.5	0.5	0.6	0.6
PT	-0.1	1.2	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.1	1.1	1.1
RO	:	:	:	:	:	:	:	:	:	:	:	:	:
SI	:	:	:	:	:	:	:	:	:	:	:	:	:
SK	-0.2	0.7	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
FI	-0.1	1.1	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
SE	-0.1	1.1	0.9	0.8	0.9	0.9	1.0	1.0	1.0	0.9	0.9	0.9	1.0
UK	0.0	0.6	0.6	0.5	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.6
NO	-0.1	1.0	1.0	1.0	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0
EU27	:	:	:	:	:	:	:	:	:	:	:	:	:
EA16	:	:	:	:	:	:	:	:	:	:	:	:	:
EU15	:	:	:	:	:	:	:	:	:	:	:	:	:
EU12	:	:	:	:	:	:	:	:	:	:	:	:	:
EU25	:	:	:	:	:	:	:	:	:	:	:	:	:
EA12	:	:	:	:	:	:	:	:	:	:	:	:	:
EU10	:	:	:	:	:	:	:	:	:	:	:	:	:

Source: Commission services.

Table A 109 - Education spending – Upper secondary (as % of GDP)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	0.0	2.9	2.8	2.6	2.6	2.7	2.8	2.8	2.8	2.8	2.8	2.8	2.9
BG	-0.2	1.0	0.8	0.7	0.7	0.8	0.8	0.8	0.7	0.7	0.8	0.8	0.8
CZ	-0.2	1.1	1.1	0.8	0.8	1.0	0.9	0.9	0.9	0.9	0.9	0.9	1.0
DK	0.1	2.0	2.1	2.2	2.1	2.1	2.1	2.1	2.1	2.2	2.1	2.1	2.1
DE	-0.2	1.0	0.9	0.8	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8
EE	-0.2	1.1	0.9	0.7	0.8	0.9	0.9	0.9	0.8	0.8	0.8	0.9	0.9
IE	-0.1	1.1	1.0	1.0	1.0	1.0	1.1	1.0	1.0	0.9	1.0	1.0	1.0
EL	0.0	1.3	1.2	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3
ES	:	:	:	:	:	:	:	:	:	:	:	:	:
FR	0.0	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
IT	-0.1	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
CY	-0.3	1.6	1.5	1.2	1.1	1.2	1.3	1.3	1.2	1.2	1.2	1.2	1.3
LV	-0.3	1.1	0.9	0.6	0.6	0.7	0.8	0.8	0.7	0.7	0.7	0.7	0.8
LT	-0.2	0.7	0.7	0.5	0.4	0.4	0.5	0.5	0.5	0.5	0.4	0.5	0.5
LU	-0.1	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.8	0.8
HU	-0.2	1.2	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1
MT	-0.2	0.6	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
NL	0.0	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9
AT	-0.1	1.2	1.2	1.1	1.0	1.0	1.0	1.0	1.1	1.0	1.0	1.0	1.1
PL	-0.3	1.0	0.9	0.7	0.6	0.6	0.7	0.7	0.6	0.6	0.6	0.6	0.7
PT	-0.1	1.0	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.9	0.9	0.9
RO	-0.2	0.7	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
SI	0.0	1.3	1.1	1.0	1.0	1.2	1.2	1.2	1.2	1.1	1.2	1.2	1.3
SK	-0.3	0.9	0.9	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
FI	0.0	1.5	1.5	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.4	1.4	1.5
SE	-0.1	1.5	1.5	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.3	1.4	1.4
UK	-0.1	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
NO	0.0	1.9	2.0	1.9	1.8	1.9	1.9	1.9	2.0	2.0	1.9	1.9	1.9
EU27	:	:	:	:	:	:	:	:	:	:	:	:	:
EA16	:	:	:	:	:	:	:	:	:	:	:	:	:
EU15	:	:	:	:	:	:	:	:	:	:	:	:	:
EU12	-0.2	1.0	0.9	0.7	0.7	0.7	0.8	0.7	0.7	0.7	0.7	0.7	0.8
EU25	:	:	:	:	:	:	:	:	:	:	:	:	:
EA12	:	:	:	:	:	:	:	:	:	:	:	:	:
EU10	-0.2	1.1	1.0	0.8	0.7	0.8	0.8	0.8	0.8	0.7	0.7	0.8	0.8

Source: Commission services.

Table A 110 - Education spending – Tertiary education (as % of GDP)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	0.0	1.3	1.3	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3
BG	-0.2	0.7	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
CZ	-0.1	0.9	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
DK	0.3	2.1	2.1	2.3	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.4	2.4
DE	-0.1	1.1	1.1	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0
EE	-0.1	0.7	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
IE	-0.2	1.2	1.1	1.0	0.9	0.9	1.0	1.0	1.0	0.9	0.9	0.9	0.9
EL	-0.1	1.3	1.2	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2
ES	-0.1	0.9	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
FR	0.0	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
IT	-0.1	0.9	0.8	0.8	0.7	0.7	0.8	0.8	0.7	0.7	0.7	0.8	0.8
CY	-0.5	1.6	1.4	1.3	1.1	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1
LV	-0.1	0.8	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7
LT	-0.2	1.0	1.0	0.9	0.8	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8
LU	:	:	:	:	:	:	:	:	:	:	:	:	:
HU	-0.1	1.0	1.0	0.9	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9
MT	-0.2	1.0	1.0	1.0	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
NL	0.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
AT	-0.2	1.4	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
PL	-0.5	1.2	1.0	0.9	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
PT	-0.1	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
RO	-0.2	0.8	0.7	0.6	0.6	0.5	0.5	0.6	0.5	0.5	0.5	0.5	0.6
SI	-0.1	1.3	1.2	1.1	1.0	1.0	1.1	1.2	1.2	1.2	1.2	1.2	1.2
SK	-0.2	0.8	0.8	0.7	0.6	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6
FI	-0.2	1.9	1.8	1.7	1.7	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7
SE	-0.2	1.8	1.7	1.7	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.6
UK	0.0	1.2	1.2	1.2	1.1	1.1	1.2	1.2	1.2	1.2	1.1	1.1	1.2
NO	0.3	2.8	2.8	2.8	2.9	2.9	2.9	2.9	3.0	3.0	3.1	3.1	3.1
EU27	:	:	:	:	:	:	:	:	:	:	:	:	:
EA16	:	:	:	:	:	:	:	:	:	:	:	:	:
EU15	:	:	:	:	:	:	:	:	:	:	:	:	:
EU12	-0.3	1.0	0.9	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
EU25	:	:	:	:	:	:	:	:	:	:	:	:	:
EA12	:	:	:	:	:	:	:	:	:	:	:	:	:
EU10	-0.3	1.1	1.0	0.9	0.7	0.7	0.7	0.8	0.8	0.8	0.7	0.7	0.8

Source: Commission services.

Table A 111 – Number of students – Total (thousands people)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	170	2404	2402	2418	2450	2498	2533	2545	2545	2543	2550	2563	2574
BG	-486	1150	1048	979	981	964	900	820	759	728	714	695	664
CZ	-497	1851	1741	1657	1677	1685	1616	1509	1421	1381	1377	1379	1354
DK	-5	1140	1151	1159	1150	1130	1129	1148	1167	1171	1160	1144	1135
DE	-4059	14023	13416	12531	11863	11514	11406	11284	11012	10656	10328	10099	9964
EE	-84	270	243	230	235	239	231	215	200	191	190	190	186
IE	319	1039	1085	1183	1275	1337	1345	1315	1286	1288	1315	1344	1358
EL	-254	2015	1956	1946	1969	1972	1915	1841	1790	1772	1779	1781	1761
ES	407	7524	7703	8280	8839	8972	8663	8208	7899	7843	7940	8007	7932
FR	812	11961	11949	12172	12472	12612	12604	12532	12521	12606	12733	12800	12773
IT	-1195	9534	9471	9492	9494	9292	8969	8694	8567	8550	8550	8484	8339
CY	40	144	139	136	146	160	168	170	168	168	172	178	184
LV	-200	445	393	350	348	351	337	309	281	263	256	253	245
LT	-388	766	695	596	548	536	525	497	456	419	396	386	378
LU	28	75	78	81	82	85	88	92	96	98	100	101	103
HU	-621	1928	1831	1714	1678	1650	1593	1513	1438	1385	1354	1334	1307
MT	-23	76	71	66	63	63	63	61	58	55	54	53	53
NL	-479	3234	3238	3168	3049	2948	2922	2948	2971	2949	2881	2803	2754
AT	-148	1427	1375	1317	1295	1296	1308	1313	1303	1287	1277	1276	1279
PL	-4209	8311	7505	6579	6169	6059	5868	5454	4956	4550	4325	4214	4102
PT	-164	1492	1464	1479	1479	1462	1421	1377	1351	1347	1350	1344	1328
RO	-1766	3751	3450	3171	3053	2953	2763	2545	2350	2223	2143	2076	1985
SI	-94	380	361	348	348	347	337	319	302	293	290	290	286
SK	-502	1062	968	866	829	814	778	719	658	615	591	578	560
FI	-122	1218	1181	1150	1143	1149	1160	1155	1136	1115	1101	1097	1096
SE	100	2055	1989	1945	1994	2049	2104	2133	2119	2090	2089	2119	2155
UK	1870	12706	12514	12530	12897	13411	13803	13994	13998	13994	14115	14350	14575
NO	129	1058	1067	1074	1081	1099	1125	1151	1166	1170	1171	1177	1188
EU27	-11507	91703	89148	87282	87268	87286	86286	84456	82564	81341	80895	80705	80196
EA16	-5222	57331	56588	56370	56537	56257	55417	54319	53419	52947	52774	52564	52108
EU15	-2678	71569	70702	70588	71193	71464	71108	70326	69517	69071	69031	69077	68891
EU12	-8829	20134	18446	16695	16075	15821	15178	14130	13047	12270	11864	11628	11305
EU25	-9255	86802	84650	83132	83233	83369	82623	81092	79455	78390	78037	77933	77547
EA12	-4643	55669	55048	54954	55151	54874	54071	53051	52233	51817	51667	51464	51026
EU10	-6578	15233	13948	12544	12041	11904	11515	10766	9938	9319	9006	8856	8655

Source: Commission services.

Table A 112 - Number of students – Primary (thousands people)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	61	734	732	763	776	788	794	785	778	782	789	793	794
BG	-83	271	283	302	302	276	245	222	214	215	211	201	188
CZ	-58	460	466	537	540	505	466	424	408	421	430	422	402
DK	-34	412	399	390	380	368	382	400	403	395	384	377	379
DE	-815	3311	3126	2897	2840	2882	2876	2782	2666	2569	2513	2500	2496
EE	-10	77	76	87	93	91	83	73	68	69	71	71	67
IE	163	467	511	579	629	640	613	586	583	602	624	635	630
EL	-44	636	637	690	701	659	618	597	597	611	620	612	592
ES	320	2693	2967	3420	3616	3415	3149	2990	2973	3064	3147	3125	3013
FR	278	3957	4081	4179	4244	4212	4172	4146	4195	4264	4296	4276	4236
IT	-338	2821	2879	2972	2890	2693	2597	2576	2596	2627	2620	2557	2483
CY	24	57	55	59	68	73	75	73	72	73	77	80	82
LV	-19	76	79	88	91	88	78	67	62	62	63	61	57
LT	-59	146	128	121	128	130	122	106	94	90	90	90	87
LU	12	36	36	36	37	39	41	43	44	45	45	46	47
HU	-96	402	395	405	412	389	365	341	326	323	324	317	306
MT	-7	28	26	25	26	26	25	24	22	22	22	22	21
NL	-216	1281	1297	1209	1131	1125	1155	1176	1172	1140	1092	1064	1066
AT	-8	346	333	334	337	343	346	343	336	333	334	336	338
PL	-1032	2498	2256	2159	2280	2248	2057	1805	1616	1547	1550	1536	1466
PT	-32	396	407	422	414	402	382	371	371	376	377	372	364
RO	-379	935	906	896	888	832	750	677	640	627	615	591	556
SI	-15	93	91	98	101	96	88	81	78	80	82	81	77
SK	-91	229	211	217	219	208	189	168	154	151	150	146	138
FI	-22	365	346	352	364	370	369	361	347	340	341	343	343
SE	132	667	647	723	756	774	800	791	757	749	768	788	799
UK	985	4402	4359	4713	4892	5102	5198	5144	5070	5105	5224	5333	5387
NO	39	430	421	422	431	440	455	464	461	457	458	462	469
EU27	-1381	27798	27728	28671	29156	28772	28035	27155	26645	26679	26858	26775	26417
EA16	-730	17452	17736	18251	18393	17970	17490	17102	16987	17077	17127	16988	16722
EU15	443	22525	22758	23679	24007	23809	23492	23092	22890	23002	23174	23157	22969
EU12	-1824	5273	4970	4992	5148	4963	4543	4063	3755	3678	3684	3618	3448
EU25	-919	26591	26539	27474	27966	27664	27041	26255	25790	25837	26032	25983	25672
EA12	-641	17044	17353	17853	17980	17566	17113	16756	16660	16752	16797	16660	16404
EU10	-1362	4066	3782	3795	3958	3855	3548	3164	2900	2836	2858	2826	2704

Source: Commission services.

Table A 113 - Number of students – Low secondary (thousands people)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	31	428	425	425	444	445	452	455	453	452	455	457	459
BG	-105	280	238	250	270	262	237	210	194	190	190	185	175
CZ	-128	462	379	372	434	425	397	367	335	325	336	342	334
DK	-18	240	248	235	231	224	216	226	237	238	233	227	222
DE	-1423	5119	4889	4617	4287	4196	4250	4244	4109	3941	3803	3720	3696
EE	-16	53	43	41	46	49	48	44	38	36	37	38	38
IE	75	173	180	200	225	246	251	240	228	226	233	242	248
EL	-28	336	329	325	353	354	332	312	302	303	310	314	308
ES	256	1962	1977	2197	2468	2608	2456	2253	2127	2106	2166	2228	2218
FR	335	3218	3225	3415	3492	3531	3505	3469	3450	3492	3549	3572	3553
IT	-175	1773	1768	1814	1874	1791	1680	1633	1625	1638	1654	1642	1598
CY	7	32	30	27	30	34	37	37	36	35	36	38	39
LV	-61	137	104	99	110	114	110	97	84	77	77	79	76
LT	-155	294	246	200	186	196	199	187	164	146	138	139	139
LU	7	19	20	20	20	21	22	23	24	24	25	25	25
HU	-149	464	415	394	409	407	383	359	337	324	323	322	315
MT	-9	27	25	21	20	21	21	21	20	18	18	18	18
NL	-140	782	760	784	727	682	677	696	709	707	689	660	643
AT	-42	389	366	346	345	350	356	358	353	346	344	345	347
PL	-765	1548	1351	1134	1100	1162	1142	1038	909	818	790	793	784
PT	-35	387	379	399	396	393	377	361	354	356	359	358	352
RO	-379	922	861	825	831	815	757	681	620	592	581	568	542
SI	-14	75	72	69	75	76	72	66	61	59	61	62	61
SK	-154	329	286	252	260	261	247	223	199	185	181	180	174
FI	-27	203	195	178	183	187	190	189	185	178	174	175	177
SE	-12	415	366	333	374	385	396	409	403	385	382	393	402
UK	315	2238	2179	2051	2281	2337	2443	2484	2453	2417	2440	2501	2553
NO	12	187	189	183	183	186	189	196	200	198	197	197	199
EU27	-2808	22305	21353	21024	21471	21572	21253	20682	20008	19616	19583	19622	19497
EA16	-1335	15252	14925	15091	15199	15197	14924	14579	14234	14069	14056	14035	13917
EU15	-880	17682	17304	17339	17698	17751	17603	17352	17012	16811	16816	16859	16802
EU12	-1929	4624	4049	3685	3772	3822	3650	3330	2996	2805	2767	2764	2695
EU25	-2324	21103	20254	19949	20370	20496	20259	19790	19195	18835	18812	18869	18779
EA12	-1165	14789	14512	14721	14813	14805	14547	14232	13918	13771	13761	13738	13624
EU10	-1444	3422	2950	2610	2671	2745	2656	2438	2183	2024	1996	2010	1978

Source: Commission services.

Table A 114 - Number of students – Upper secondary (thousands people)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	60	842	836	822	830	861	874	889	892	889	890	897	902
BG	-176	363	304	244	257	275	261	235	210	196	194	193	187
CZ	-194	580	554	432	437	492	470	442	413	383	376	385	386
DK	17	275	291	303	296	296	288	284	293	302	302	297	292
DE	-1189	3382	3191	2880	2724	2529	2475	2500	2493	2419	2325	2246	2193
EE	-29	69	56	43	44	50	50	48	43	39	38	39	39
IE	60	212	208	219	237	258	275	275	263	254	255	263	272
EL	-49	399	382	361	373	399	390	367	348	341	343	350	351
ES	50	1103	1092	1088	1196	1305	1315	1232	1147	1103	1104	1133	1153
FR	131	2720	2604	2605	2725	2812	2817	2798	2769	2763	2800	2841	2851
IT	-337	2865	2808	2757	2826	2884	2736	2590	2532	2524	2543	2559	2529
CY	7	33	34	30	29	34	37	38	38	37	37	38	40
LV	-61	107	90	58	59	65	67	63	56	48	45	46	46
LT	-71	124	121	91	75	72	75	75	70	62	56	53	53
LU	9	21	22	24	25	25	26	27	28	29	30	30	30
HU	-221	622	594	512	493	507	498	471	445	421	406	403	400
MT	-4	11	11	10	9	8	9	9	8	8	7	7	7
NL	-82	632	638	627	638	593	570	571	584	590	586	570	549
AT	-57	458	457	423	407	405	410	416	416	410	403	400	401
PL	-1238	2273	2078	1695	1457	1481	1508	1451	1313	1163	1066	1038	1034
PT	-42	350	338	332	346	340	336	322	312	309	310	311	309
RO	-546	1030	839	738	702	708	688	638	574	527	506	497	483
SI	-28	101	91	84	82	89	88	83	76	72	70	72	72
SK	-160	306	283	227	203	210	209	197	178	160	150	147	146
FI	-28	354	356	341	329	335	341	343	341	335	328	325	326
SE	-9	569	577	493	496	530	539	555	569	558	542	547	560
UK	270	3627	3500	3303	3310	3530	3646	3781	3818	3780	3757	3811	3897
NO	26	231	240	240	233	239	241	247	255	258	256	255	256
EU27	-3909	23361	22288	20678	20539	21027	20931	20639	20173	19661	19411	19440	19452
EA16	-1650	13723	13286	12766	12913	13020	12843	12596	12368	12182	12124	12130	12073
EU15	-1187	17744	17234	16514	16692	17035	16973	16889	16747	16544	16459	16521	16557
EU12	-2722	5617	5054	4164	3846	3991	3958	3750	3426	3117	2952	2919	2895
EU25	-3187	21968	21146	19696	19580	20044	19982	19766	19389	18938	18712	18750	18782
EA12	-1465	13272	12867	12416	12590	12679	12501	12269	12067	11905	11859	11865	11808
EU10	-1999	4225	3911	3182	2887	3008	3009	2877	2642	2394	2253	2229	2225

Source: Commission services.

Table A 115 - Number of students – Tertiary education (thousands people)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	18	400	410	407	400	404	413	417	421	420	416	416	418
BG	-121	235	224	184	152	152	158	152	140	128	119	116	114
CZ	-117	348	344	316	266	265	283	276	266	251	235	230	232
DK	30	212	214	231	243	243	243	238	234	236	241	243	242
DE	-632	2211	2210	2137	2013	1907	1805	1758	1743	1726	1687	1633	1579
EE	-29	71	69	60	52	49	50	51	50	48	44	43	42
IE	21	186	186	185	184	193	206	214	212	206	202	203	208
EL	-133	644	608	569	542	560	575	566	542	518	506	505	510
ES	-218	1765	1667	1575	1559	1643	1742	1734	1652	1570	1523	1522	1548
FR	68	2066	2040	1972	2011	2057	2111	2119	2107	2087	2087	2111	2134
IT	-346	2075	2016	1949	1905	1925	1956	1894	1814	1761	1733	1727	1729
CY	1	21	20	20	19	18	20	21	22	22	22	22	22
LV	-60	125	120	105	88	83	82	81	80	76	71	68	66
LT	-103	202	200	184	159	137	130	129	128	121	112	104	99
LU	0	0	0	0	0	0	0	0	0	0	0	0	0
HU	-154	441	427	403	364	347	347	341	330	317	302	291	286
MT	-3	9	9	9	8	8	7	8	8	7	7	7	7
NL	-42	539	542	548	552	548	519	504	506	512	515	510	497
AT	-42	234	219	214	205	198	196	197	198	198	196	194	192
PL	-1174	1992	1820	1592	1331	1168	1160	1159	1117	1022	918	847	818
PT	-56	358	340	325	323	327	326	322	314	307	303	303	302
RO	-461	864	844	713	633	598	567	548	516	477	442	420	403
SI	-37	112	108	98	90	86	89	89	86	82	78	75	75
SK	-96	198	189	170	147	135	133	131	127	119	111	105	102
FI	-46	296	283	280	267	257	259	261	263	262	258	253	250
SE	-11	404	399	397	369	359	370	377	389	398	396	392	394
UK	299	2439	2477	2464	2415	2443	2516	2585	2657	2693	2695	2705	2738
NO	53	211	218	228	234	235	240	244	250	257	261	262	263
EU27	-3408	18239	17779	16909	16103	15915	16066	15980	15738	15385	15043	14867	14830
EA16	-1507	10904	10642	10261	10032	10070	10159	10042	9830	9619	9468	9410	9396
EU15	-1054	13618	13406	13055	12795	12869	13040	12993	12868	12715	12582	12541	12564
EU12	-2354	4620	4373	3854	3308	3045	3026	2987	2870	2670	2460	2326	2266
EU25	-2826	17139	16711	16012	15318	15165	15341	15280	15081	14780	14482	14332	14313
EA12	-1372	10563	10316	9964	9768	9824	9911	9793	9587	9388	9250	9201	9191
EU10	-1772	3521	3305	2957	2523	2296	2302	2287	2214	2065	1900	1790	1749

Source: Commission services.

Table A 116 – Number of teachers - Total (thousands people)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	13	183	183	184	187	191	193	194	194	194	195	196	197
BG	-37	86	78	72	73	72	67	61	56	54	53	52	49
CZ	-35	126	118	110	114	115	110	102	96	93	93	93	92
DK	-9	121	121	116	114	110	110	115	119	118	115	112	111
DE	-243	846	811	761	719	698	690	682	666	645	625	611	603
EE	-5	17	16	15	16	16	15	14	13	13	13	13	12
IE	17	60	61	66	71	75	76	75	73	73	74	75	76
EL	-18	174	169	170	175	175	168	160	156	155	157	158	155
ES	30	562	573	613	656	670	649	614	589	584	590	596	592
FR	53	768	764	779	800	811	810	805	803	808	817	822	821
IT	-150	789	744	729	731	712	683	663	656	656	657	652	639
CY	3	10	10	10	10	11	12	12	12	12	12	13	13
LV	-14	33	28	25	26	27	25	23	21	19	19	19	18
LT	-34	68	59	51	48	49	48	45	40	36	35	35	34
LU	3	7	7	7	8	8	8	8	9	9	9	9	9
HU	-48	152	144	135	134	132	127	120	113	109	108	106	104
MT	-2	6	6	5	5	5	5	5	5	5	4	4	4
NL	-31	221	223	215	210	203	201	202	203	202	198	193	190
AT	-12	111	106	102	100	100	101	102	101	100	99	99	99
PL	-297	601	542	478	456	451	434	400	362	333	319	313	304
PT	-20	192	190	193	193	189	183	178	175	175	175	174	172
RO	-103	223	204	190	185	179	167	153	141	134	130	126	120
SI	-6	24	23	22	23	23	22	21	19	19	19	19	19
SK	-33	69	63	55	53	52	50	46	42	39	38	37	36
FI	-8	81	79	76	76	77	78	77	76	74	73	73	73
SE	8	155	149	147	151	155	159	161	160	158	158	160	163
UK	102	731	718	713	735	766	789	802	802	800	806	820	833
NO	11	93	93	94	94	96	98	101	102	102	102	102	103
EU27	-874	6414	6187	6041	6068	6072	5983	5841	5701	5616	5591	5580	5540
EA16	-403	4101	4011	3988	4017	4001	3930	3844	3779	3749	3743	3732	3698
EU15	-264	4998	4897	4872	4925	4940	4899	4838	4780	4750	4748	4751	4734
EU12	-610	1416	1289	1170	1142	1132	1083	1002	921	867	842	829	806
EU25	-735	6105	5905	5779	5810	5821	5748	5626	5504	5429	5408	5402	5370
EA12	-365	3991	3910	3895	3926	3909	3841	3760	3700	3674	3670	3659	3626
EU10	-471	1107	1007	908	885	881	849	788	723	679	660	651	636

Source: Commission services.

Table A 117 - Number of teachers - Primary (thousands people)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	5	58	58	60	61	62	63	62	62	62	62	63	63
BG	-5	17	18	19	19	18	16	14	14	14	13	13	12
CZ	-3	27	27	31	31	29	27	25	24	24	25	24	23
DK	-5	61	59	58	57	55	57	60	60	59	57	56	56
DE	-44	177	167	155	152	154	154	149	142	137	134	134	133
EE	-1	5	5	6	7	6	6	5	5	5	5	5	5
IE	8	24	27	30	33	33	32	30	30	31	32	33	33
EL	-4	60	60	65	66	62	59	57	57	58	59	58	56
ES	21	180	198	229	242	228	211	200	199	205	210	209	201
FR	15	210	217	222	225	223	221	220	223	226	228	227	225
IT	-50	265	256	257	250	233	225	223	225	228	227	221	215
CY	1	3	3	4	4	4	4	4	4	4	5	5	5
LV	-2	6	7	7	8	8	7	6	5	5	5	5	5
LT	-5	14	12	11	12	12	11	10	9	8	8	8	8
LU	1	3	3	3	3	3	4	4	4	4	4	4	4
HU	-9	39	38	39	40	37	35	33	31	31	31	30	29
MT	-1	2	2	2	2	2	2	2	2	2	2	2	2
NL	-18	105	106	99	93	92	94	96	96	93	89	87	87
AT	-1	25	24	24	24	25	25	25	24	24	24	24	24
PL	-91	219	198	189	200	197	181	158	142	136	136	135	129
PT	-6	71	72	75	74	71	68	66	66	67	67	66	65
RO	-22	55	53	52	52	49	44	40	37	37	36	35	33
SI	-1	6	6	7	7	6	6	5	5	5	5	5	5
SK	-5	12	11	12	12	11	10	9	8	8	8	8	7
FI	-1	24	23	23	24	25	25	24	23	23	23	23	23
SE	11	54	53	59	62	63	65	64	62	61	63	64	65
UK	50	223	221	239	248	259	264	261	257	259	265	271	274
NO	4	38	38	38	39	39	41	42	41	41	41	41	42
EU27	-160	1948	1926	1979	2007	1970	1914	1852	1816	1816	1825	1815	1787
EA16	-78	1226	1234	1267	1272	1237	1202	1176	1170	1177	1180	1168	1149
EU15	-17	1542	1545	1599	1614	1590	1565	1541	1529	1537	1545	1540	1525
EU12	-143	406	381	380	393	380	349	311	286	280	280	276	263
EU25	-133	1876	1855	1907	1936	1904	1854	1798	1764	1766	1776	1768	1743
EA12	-73	1202	1211	1243	1247	1213	1179	1155	1150	1157	1160	1149	1130
EU10	-116	334	310	308	322	314	289	257	235	229	231	228	218

Source: Commission services.

Table A 118 - Number of teachers – Low secondary (thousands people)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	3	38	38	38	39	39	40	40	40	40	40	40	41
BG	-8	22	19	20	22	21	19	17	16	15	15	15	14
CZ	-10	38	31	30	35	35	32	30	27	26	27	28	27
DK	-4	59	61	58	57	55	53	56	58	59	58	56	55
DE	-92	331	316	298	277	271	275	274	266	255	246	240	239
EE	-1	4	3	3	4	4	4	4	3	3	3	3	3
IE	0	0	0	0	0	0	0	0	0	0	0	0	0
EL	-3	41	41	40	43	44	41	38	37	37	38	39	38
ES	19	148	149	165	186	196	185	169	160	158	163	168	167
FR	24	227	227	241	246	249	247	245	243	246	250	252	251
IT	-29	173	163	163	169	161	151	147	146	147	149	148	144
CY	1	3	3	2	3	3	3	3	3	3	3	3	3
LV	-6	13	10	9	10	11	10	9	8	7	7	7	7
LT	-23	44	37	30	28	29	30	28	25	22	21	21	21
LU	0	0	0	0	0	0	0	0	0	0	0	0	0
HU	-15	45	41	39	40	40	38	35	33	32	32	32	31
MT	-1	3	3	2	2	2	2	2	2	2	2	2	2
NL	0	0	0	0	0	0	0	0	0	0	0	0	0
AT	-4	38	35	33	33	34	34	35	34	33	33	33	33
PL	-61	123	107	90	87	92	91	82	72	65	63	63	62
PT	-4	46	45	48	47	47	45	43	43	43	43	43	42
RO	-31	75	70	67	68	66	62	56	51	48	47	46	44
SI	-1	7	7	7	7	7	7	6	6	6	6	6	6
SK	-11	24	21	18	19	19	18	16	15	13	13	13	13
FI	-3	21	20	18	19	19	20	19	19	18	18	18	18
SE	-1	35	31	28	31	32	33	34	34	32	32	33	34
UK	19	134	131	123	137	140	147	149	147	145	147	150	153
NO	1	18	18	18	18	18	18	19	19	19	19	19	19
EU27	-245	1693	1608	1572	1610	1618	1587	1539	1487	1457	1456	1459	1448
EA16	-103	1099	1067	1075	1091	1092	1068	1039	1013	1003	1004	1005	996
EU15	-76	1291	1257	1254	1285	1288	1271	1250	1227	1215	1216	1220	1214
EU12	-168	402	351	318	325	330	316	289	260	243	239	239	233
EU25	-205	1595	1519	1485	1521	1531	1506	1467	1421	1394	1393	1398	1390
EA12	-90	1062	1034	1045	1060	1061	1038	1011	988	979	980	981	972
EU10	-129	304	262	231	236	242	235	216	194	179	177	178	175

Source: Commission services.

Table A 119 - Number of teachers – Upper secondary (thousands people)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	5	69	69	67	68	71	72	73	73	73	73	73	74
BG	-15	30	25	20	21	23	22	20	17	16	16	16	16
CZ	-15	45	43	33	34	38	36	34	32	30	29	30	30
DK	0	0	0	0	0	0	0	0	0	0	0	0	0
DE	-58	165	155	140	132	123	120	122	121	118	113	109	107
EE	-1	3	2	2	2	2	2	2	2	2	2	2	2
IE	7	26	25	26	29	31	33	33	32	31	31	32	33
EL	-6	49	47	44	45	49	48	45	42	42	42	43	43
ES	5	111	110	110	121	132	133	124	116	111	111	114	116
FR	11	229	219	219	229	237	237	236	233	233	236	239	240
IT	-46	249	231	220	226	231	219	207	203	202	203	205	202
CY	1	3	3	2	2	3	3	3	3	3	3	3	3
LV	-5	9	7	5	5	5	6	5	5	4	4	4	4
LT	0	1	1	1	0	0	0	0	0	0	0	0	0
LU	2	4	4	4	4	4	4	5	5	5	5	5	5
HU	-17	47	45	39	37	38	38	36	34	32	31	30	30
MT	0	1	1	1	0	0	0	0	0	0	0	0	0
NL	-11	82	83	82	83	77	74	75	76	77	76	74	72
AT	-4	30	30	28	27	27	27	27	27	27	26	26	26
PL	-85	155	142	116	100	101	103	99	90	79	73	71	71
PT	-6	47	45	44	46	45	45	43	42	41	41	41	41
RO	-32	61	50	44	41	42	41	38	34	31	30	29	29
SI	-2	7	7	6	6	6	6	6	6	5	5	5	5
SK	-11	21	19	16	14	14	14	14	12	11	10	10	10
FI	-2	22	23	22	21	21	22	22	22	21	21	21	21
SE	-1	35	36	30	31	33	33	34	35	34	33	34	34
UK	20	267	258	243	244	260	268	278	281	278	277	281	287
NO	2	21	22	22	21	22	22	23	23	24	24	23	24
EU27	-265	1766	1677	1564	1569	1614	1606	1580	1542	1506	1492	1498	1501
EA16	-115	1114	1069	1032	1055	1071	1058	1033	1013	999	998	1002	999
EU15	-83	1384	1333	1281	1306	1340	1335	1323	1308	1292	1289	1297	1301
EU12	-183	382	344	283	263	274	271	257	235	214	203	201	199
EU25	-219	1675	1603	1500	1506	1549	1544	1522	1491	1459	1446	1453	1456
EA12	-102	1082	1040	1007	1032	1047	1033	1010	991	980	979	983	980
EU10	-136	291	269	220	200	209	209	200	183	166	157	156	155

Source: Commission services.

Table A 120 - Number of teachers – Tertiary education (thousands people)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	1	18	19	19	18	19	19	19	19	19	19	19	19
BG	-8	16	16	13	11	10	11	11	10	9	8	8	8
CZ	-6	17	17	16	13	13	14	14	13	13	12	11	12
DK	0	0	0	0	0	0	0	0	0	0	0	0	0
DE	-50	173	173	168	158	150	142	138	137	135	132	128	124
EE	-2	5	5	4	3	3	3	3	3	3	3	3	3
IE	1	10	10	10	10	10	11	11	11	11	11	11	11
EL	-5	23	22	20	19	20	21	20	19	19	18	18	18
ES	-15	123	116	109	108	114	121	120	115	109	106	106	108
FR	3	102	101	97	99	101	104	105	104	103	103	104	105
IT	-24	102	94	88	86	87	88	86	82	80	78	78	78
CY	0	1	1	1	1	1	1	1	2	2	1	1	2
LV	-2	4	4	4	3	3	3	3	3	3	2	2	2
LT	-5	10	10	9	8	7	6	6	6	6	5	5	5
LU	:	:	:	:	:	:	:	:	:	:	:	:	:
HU	-7	21	20	19	17	16	16	16	16	15	14	14	13
MT	0	1	1	1	1	1	1	1	1	1	1	1	1
NL	-3	33	34	34	34	34	32	31	31	32	32	32	31
AT	-3	18	17	17	16	15	15	15	15	15	15	15	15
PL	-61	104	95	83	69	61	60	60	58	53	48	44	43
PT	-4	28	27	26	25	26	26	25	25	24	24	24	24
RO	-17	32	31	27	24	22	21	20	19	18	16	16	15
SI	-1	3	3	3	3	3	3	3	3	3	2	2	2
SK	-6	11	11	10	9	8	8	8	7	7	6	6	6
FI	-2	14	13	13	12	12	12	12	12	12	12	12	12
SE	-1	30	30	30	28	27	28	28	29	30	30	29	30
UK	13	107	108	108	105	107	110	113	116	118	118	118	120
NO	4	15	16	16	17	17	17	17	18	18	19	19	19
EU27	:	:	:	:	:	:	:	:	:	:	:	:	:
EA16	:	:	:	:	:	:	:	:	:	:	:	:	:
EU15	:	:	:	:	:	:	:	:	:	:	:	:	:
EU12	-115	226	214	188	161	148	148	146	140	130	120	113	111
EU25	:	:	:	:	:	:	:	:	:	:	:	:	:
EA12	:	:	:	:	:	:	:	:	:	:	:	:	:
EU10	-90	178	167	149	127	115	116	115	111	104	95	90	88

Source: Commission services.

Table A 121 – Education spending – High compens. per teacher scenario (diff Baseline) (as % of GDP)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	0.2	-0.2	-0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
BG	0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CZ	0.2	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DK	0.2	-0.1	-0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
DE	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
EE	0.1	-0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.1
IE	0.2	-0.1	-0.1	-0.1	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0
EL	0.1	-0.1	-0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
ES	0.1	-0.1	-0.1	-0.1	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1
FR	0.1	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IT	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CY	0.1	-0.1	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LV	0.1	-0.1	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LT	0.2	-0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0
LU	0.2	-0.3	-0.2	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
HU	0.2	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.3	0.3
MT	0.2	-0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
NL	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
AT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0
PL	0.2	-0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
PT	0.1	-0.1	-0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1
RO	0.2	-0.3	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SI	0.3	-0.1	0.0	0.0	0.1	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2
SK	0.2	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FI	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
SE	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
UK	0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NO	0.2	-0.2	-0.2	-0.2	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
EU27	0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EA16	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EU15	0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EU12	0.2	-0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
EU25	0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EA12	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EU10	0.2	-0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Source: Commission services.

Table A 122 - High ratio teachers/students scenario (diff Baseline) (as % of GDP)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	0.8	-0.2	-0.1	0.2	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
BG	0.3	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4
CZ	0.3	0.2	0.2	0.3	0.4	0.5	0.5	0.5	0.4	0.4	0.5	0.5	0.5
DK	0.8	0.2	0.4	0.7	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0
DE	0.4	0.0	0.1	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5
EE	0.4	0.1	0.1	0.3	0.4	0.5	0.5	0.4	0.4	0.4	0.4	0.5	0.5
IE	0.5	-0.1	0.0	0.2	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
EL	0.5	0.2	0.3	0.4	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
ES	0.5	0.0	0.1	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
FR	0.6	-0.2	-0.1	0.1	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
IT	0.1	0.0	-0.2	-0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
CY	0.6	0.1	0.2	0.4	0.6	0.7	0.7	0.7	0.7	0.6	0.7	0.7	0.7
LV	0.4	0.1	0.2	0.3	0.4	0.5	0.5	0.5	0.4	0.4	0.5	0.5	0.5
LT	0.4	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
LU	0.4	0.0	0.1	0.3	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
HU	0.5	0.1	0.2	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6
MT	0.5	-0.1	0.1	0.2	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
NL	0.5	0.0	0.1	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
AT	0.5	0.2	0.3	0.4	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
PL	0.4	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
PT	0.7	0.2	0.3	0.6	0.8	0.9	0.8	0.8	0.8	0.8	0.9	0.9	0.9
RO	0.3	0.0	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
SI	0.7	0.1	0.2	0.4	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8
SK	0.2	0.0	0.1	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.3	0.3
FI	0.6	0.0	0.1	0.3	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
SE	0.6	0.0	0.2	0.3	0.6	0.6	0.6	0.7	0.6	0.6	0.6	0.6	0.6
UK	0.5	0.6	0.7	0.8	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
NO	0.8	0.2	0.3	0.6	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
EU27	0.5	0.1	0.2	0.3	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6
EA16	0.5	0.0	0.0	0.2	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
EU15	0.5	0.1	0.2	0.3	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
EU12	0.4	0.1	0.1	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
EU25	0.5	0.1	0.2	0.3	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6
EA12	0.5	0.0	0.0	0.2	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
EU10	0.4	0.1	0.2	0.3	0.4	0.5	0.5	0.4	0.4	0.4	0.4	0.5	0.5

Source: Commission services.

Table A 123 – Higher attainment rates in tertiary education scenario (45% by 2020) (diff Baseline) (as % of GDP)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
BG	0.1	0.3	0.4	0.4	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4
CZ	0.3	0.3	0.5	0.6	0.5	0.5	0.6	0.6	0.6	0.6	0.5	0.6	0.6
DK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DE	0.4	0.3	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
EE	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
IE	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
EL	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
ES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FR	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
IT	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
CY	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
LV	0.4	0.4	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8
LT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LU	:	:	:	:	:	:	:	:	:	:	:	:	:
HU	0.3	0.2	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
MT	0.4	0.4	0.8	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
NL	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
AT	0.5	0.4	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
PL	0.1	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3
PT	0.3	0.4	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
RO	0.2	0.3	0.5	0.5	0.5	0.4	0.4	0.5	0.5	0.4	0.4	0.4	0.5
SI	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
SK	0.2	0.3	0.5	0.5	0.5	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
FI	0.3	0.2	0.4	0.5	0.5	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
SE	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
UK	0.2	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
NO	0.5	0.3	0.5	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
EU27	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
EA16	0.1	0.1	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
EU15	0.1	0.1	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
EU12	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
EU25	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
EA12	0.1	0.1	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
EU10	0.1	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4

Source: Commission services.

Unemployment benefit expenditure projections

Table A 124 – Unemployment benefit spending (as % of GDP)

Country	Ch. 07-60	2007	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060
BE	-0.4	1.9	1.9	1.7	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
BG	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
CZ	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
DK	-0.2	1.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
DE	-0.3	0.9	0.9	0.8	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
EE	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IE	0.1	0.8	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8
EL	-0.1	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
ES	-0.4	1.3	1.4	1.2	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
FR	-0.3	1.2	1.2	1.1	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
IT	0.0	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
CY	-0.1	0.3	0.3	0.3	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.2	0.2
LV	0.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
LT	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LU	0.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
HU	-0.1	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
MT	0.0	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
NL	-0.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
AT	0.0	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
PL	-0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
PT	-0.4	1.2	1.1	1.0	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
RO	0.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
SI	0.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
SK	-0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
FI	-0.2	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
SE	-0.1	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
UK	0.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
NO	0.2	0.2	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
EU27	-0.2	0.8	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
EA16	-0.2	1.0	0.9	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
EU15	-0.2	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6
EU12	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
EU25	-0.2	0.8	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
EA12	-0.2	1.0	0.9	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
EU10	-0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Source: Commission services.

Additional informations

Table A 125 – Estimated impact of pension reform on participation rates (2020, 2060) in percentage points (comparison of projections with and without incorporating recent pension reforms)

	BE		CZ		DK		DE		EE		ES		FR		IT		LT		HU	
Male	2020	2060	2020	2060	2020	2060	2020	2060	2020	2060	2020	2060	2020	2060	2020	2060	2020	2060	2020	2060
15-64	2.3	2.1	2.0	3.3	0.1	2.0	3.7	3.8	0.0	0.0	1.4	3.1	2.0	2.7	3.9	6.8	0.0	0.0	2.1	2.7
15-71	2.5	2.5	2.7	4.7	-0.2	3.4	3.9	5.3	0.0	0.0	1.6	3.5	2.2	2.9	3.7	6.8	0.0	0.0	2.2	3.0
55-64	9.1	9.1	10.3	15.3	0.7	9.3	14.7	16.1	0.0	0.0	6.1	13.9	10.9	14.8	17.1	29.0	0.0	0.0	10.8	11.0
Females	2020	2060	2020	2060	2020	2060	2020	2060	2020	2060	2020	2060	2020	2060	2020	2060	2020	2060	2020	2060
15-64	2.6	2.7	3.6	7.2	0.3	2.5	2.5	4.4	1.3	1.8	1.1	2.1	1.3	1.5	2.0	2.7	3.8	3.5	3.9	3.9
15-71	2.5	2.7	4.8	8.9	0.2	4.3	2.8	5.6	-1.4	-1.1	1.1	2.0	1.6	2.0	2.0	2.9	4.5	5.1	3.7	3.7
55-64	10.4	11.6	16.9	32.5	1.5	12.2	10.5	19.3	5.7	8.8	4.9	9.0	6.1	7.6	10.2	15.2	15.5	14.6	17.4	17.4
Total	2020	2060	2020	2060	2020	2060	2020	2060	2020	2060	2020	2060	2020	2060	2020	2060	2020	2060	2020	2060
15-64	2.4	2.4	2.8	5.2	0.2	2.3	3.1	4.1	0.7	0.9	1.2	2.6	1.6	2.1	2.9	4.8	1.9	1.8	3.3	3.3
15-71	2.5	2.6	3.8	6.8	0.0	3.8	3.4	5.4	-0.7	-0.6	1.4	2.8	1.9	2.5	2.8	4.9	2.3	2.6	3.3	3.3
55-64	9.8	10.4	13.6	23.9	1.1	10.8	12.6	17.7	3.2	4.5	5.5	11.5	8.4	11.2	13.6	22.2	8.7	7.5	14.3	14.3

	MT		AT		PL		PT		SI		SK		FI		SE		UK		EU27	
Male	2020	2060	2020	2060	2020	2060	2020	2060	2020	2060	2020	2060	2020	2060	2020	2060	2020	2060	2020	2060
15-64	2.6	6.5	1.6	3.3	2.0	5.3	0.9	1.9	0.1	0.2	2.1	2.6	2.0	2.1	1.1	1.2	0.0	1.4	1.8	2.9
15-71	2.2	6.8	1.7	3.5	1.8	5.7	1.2	3.0	-0.5	-0.2	3.4	4.7	1.9	2.1	1.9	2.2	0.0	2.6	1.9	3.5
55-64	11.9	28.3	8.1	16.1	8.0	21.6	3.7	7.7	2.7	3.3	10.6	11.0	9.1	10.4	5.6	5.9	0.0	7.0	8.5	13.5
Females	2020	2060	2020	2060	2020	2060	2020	2060	2020	2060	2020	2060	2020	2060	2020	2060	2020	2060	2020	2060
15-64	3.8	3.8	4.0	4.0	4.7	4.7	1.4	1.4	5.2	5.2	7.6	7.6	2.9	2.9	0.7	0.7	1.8	3.4	1.8	2.7
15-71	3.5	3.5	5.5	5.5	5.6	5.6	1.8	1.8	4.9	4.9	10.1	10.1	3.7	3.7	1.6	1.8	1.7	5.2	1.9	3.5
55-64	14.0	14.0	18.2	18.2	16.9	16.9	5.0	5.0	22.9	22.9	31.4	31.4	13.8	13.8	3.1	2.9	8.1	16.9	7.9	12.8
Total	2020	2060	2020	2060	2020	2060	2020	2060	2020	2060	2020	2060	2020	2060	2020	2060	2020	2060	2020	2060
15-64	5.2	5.2	3.6	3.6	5.0	5.0	1.6	1.6	2.7	2.7	5.1	5.1	2.5	2.5	0.9	0.9	0.9	2.4	1.8	2.8
15-71	5.2	5.2	4.5	4.5	5.6	5.6	2.4	2.4	2.3	2.3	7.4	7.4	2.9	2.9	1.8	2.0	0.9	3.9	1.9	3.5
55-64	21.2	21.2	17.1	17.1	19.2	19.2	6.4	6.4	12.9	12.9	21.2	21.2	12.1	12.1	4.3	4.5	4.2	12.0	8.2	13.1

	EA		EA12		EU15		EU10		EU25	
Male	2020	2060	2020	2060	2020	2060	2020	2060	2020	2060
15-64	2.4	3.4	2.4	3.4	2.0	2.9	1.8	3.7	2.0	3.0
15-71	2.5	3.9	2.5	3.9	2.1	3.6	1.8	4.3	2.1	3.7
55-64	10.7	15.5	10.7	15.6	9.0	13.8	8.0	15.8	8.8	14.1
Females	2020	2060	2020	2060	2020	2060	2020	2060	2020	2060
15-64	1.7	2.4	1.6	2.4	1.6	2.5	2.9	4.9	1.8	2.8
15-71	1.8	2.9	1.8	2.9	1.7	3.3	3.1	5.7	2.0	3.6
55-64	7.5	11.6	7.5	11.6	7.4	12.3	12.0	19.8	8.1	13.3
Total	2020	2060	2020	2060	2020	2060	2020	2060	2020	2060
15-64	2.0	2.9	2.0	2.9	1.8	2.7	2.4	4.3	1.9	2.9
15-71	2.2	3.4	2.2	3.4	1.9	3.5	2.5	5.0	2.0	3.7
55-64	9.1	13.5	9.1	13.6	8.2	13.1	10.1	17.8	8.4	13.7

Source: Commission services.

Table A 126 –Projected changes in participation rates by age-groups, 2007-2060

TOTAL	2007				2060				change 2007-2060			
	Total (15-64)	Young (15-24)	Prime age (25-54)	Older (55-64)	Total (15-64)	Young (15-24)	Prime age (25-54)	Older (55-64)	Total (15-64)	Young (15-24)	Prime age (25-54)	Older (55-64)
BE	67.3	34.4	85.3	36.2	69.7	35.6	86.7	49.1	2.4	1.2	1.4	13.0
BG	66.8	32.0	84.0	46.6	69.3	31.7	86.1	50.2	2.4	-0.3	2.1	3.6
CZ	70.0	32.0	87.7	48.9	73.5	31.9	86.9	67.5	3.6	-0.1	-0.9	18.6
DK	80.3	70.8	89.0	61.3	80.8	72.5	87.3	69.3	0.6	1.7	-1.7	8.1
DE	76.2	51.5	87.9	57.3	79.8	52.2	89.5	73.9	3.6	0.8	1.6	16.5
EE	72.9	38.5	88.4	62.4	74.5	40.0	87.8	64.1	1.6	1.5	-0.7	1.7
IE	72.5	55.4	82.0	55.1	76.3	53.9	85.7	69.1	3.9	-1.5	3.7	14.0
EL	67.1	32.8	82.1	44.3	68.8	32.7	84.9	51.7	1.7	-0.1	2.8	7.5
ES	71.6	48.2	82.9	47.5	77.3	46.6	87.4	74.0	5.7	-1.6	4.5	26.4
FR	70.3	39.4	88.3	41.0	71.6	40.2	88.9	49.3	1.3	0.8	0.6	8.3
IT	62.6	31.2	77.6	34.7	67.7	32.3	78.8	63.1	5.1	1.1	1.2	28.4
CY	72.9	44.2	86.7	57.6	78.0	43.4	91.8	65.1	5.1	-0.8	5.0	7.4
LV	72.9	43.4	87.1	60.4	74.2	44.1	87.3	58.1	1.3	0.7	0.2	-2.3
LT	68.1	28.3	86.0	55.5	68.2	29.1	83.7	54.1	0.1	0.8	-2.3	-1.4
LU	66.4	27.4	84.2	33.0	66.8	29.5	86.1	41.3	0.4	2.1	1.9	8.4
HU	61.7	26.1	80.0	34.1	65.0	26.2	81.1	49.3	3.2	0.1	1.0	15.2
MT	59.5	55.4	69.9	31.6	64.4	56.0	71.8	50.3	4.9	0.6	1.9	18.7
NL	78.7	72.7	87.7	53.3	80.2	73.8	90.2	57.6	1.6	1.1	2.5	4.2
AT	74.8	61.5	87.4	40.0	77.6	63.3	89.3	55.4	2.8	1.7	1.9	15.4
PL	63.3	33.9	81.8	32.1	66.3	32.9	82.1	46.5	3.0	-1.0	0.3	14.4
PT	74.1	42.3	87.8	54.5	76.3	41.6	89.0	67.8	2.2	-0.8	1.2	13.3
RO	63.0	30.6	78.9	42.4	61.3	31.3	75.1	45.4	-1.7	0.6	-3.9	3.1
SI	71.4	40.9	89.3	34.5	71.9	40.1	88.7	49.1	0.6	-0.8	-0.6	14.6
SK	68.8	34.8	87.5	39.4	71.2	34.5	87.5	52.8	2.4	-0.4	-0.1	13.4
FI	75.8	54.4	88.1	59.4	79.1	55.5	90.1	67.7	3.3	1.1	2.1	8.3
SE	79.2	51.8	90.0	73.2	82.5	56.5	92.2	76.6	3.3	4.7	2.2	3.4
UK	75.6	62.0	84.5	59.7	78.7	62.4	85.9	71.1	3.1	0.4	1.3	11.4
NO	78.8	58.8	87.4	69.9	78.0	60.5	87.5	65.6	-0.9	1.6	0.0	-4.2
EU27	70.6	44.6	84.5	47.5	74.1	46.6	86.0	62.5	3.5	2.0	1.6	15.1
EA	70.8	45.3	84.5	45.4	74.5	44.9	87.1	63.1	3.6	-0.5	2.5	17.7
EA12	70.9	45.4	84.5	45.5	74.5	44.9	87.1	63.2	3.6	-0.4	2.5	17.7
EU15	71.8	48.7	84.6	48.6	75.6	49.1	86.9	65.0	3.7	0.4	2.3	16.4
EU10	65.2	34.0	83.4	36.9	69.0	32.8	84.4	52.4	3.7	-1.2	1.0	15.5
EU25	70.7	45.9	84.4	46.7	74.8	47.2	86.6	63.4	4.0	1.3	2.2	16.7
MALES	Total (15-64)	Young (15-24)	Prime age (25-54)	Older (55-64)	Total (15-64)	Young (15-24)	Prime age (25-54)	Older (55-64)	Total (15-64)	Young (15-24)	Prime age (25-54)	Older (55-64)
BE	73.9	36.6	92.5	44.8	73.4	38.4	91.3	50.6	-0.5	1.8	-1.2	5.8
BG	71.4	35.4	87.3	56.3	72.9	35.2	88.7	56.8	1.4	-0.2	1.4	0.5
CZ	78.3	36.8	95.0	63.3	78.9	36.9	92.8	71.9	0.6	0.1	-2.3	8.6
DK	84.0	72.2	92.5	67.5	82.5	73.7	88.9	71.4	-1.5	1.5	-3.7	3.9
DE	82.1	54.0	93.8	66.0	83.0	54.7	93.2	76.1	0.9	0.7	-0.6	10.1
EE	77.3	44.3	93.5	63.7	77.7	45.2	91.5	63.0	0.3	0.9	-2.1	-0.6
IE	81.4	58.6	91.6	69.7	81.1	57.2	92.1	70.0	-0.3	-1.4	0.5	0.3
EL	78.8	36.0	94.6	61.2	76.4	37.1	93.6	58.7	-2.4	1.1	-1.0	-2.5
ES	81.5	52.6	92.6	63.3	81.6	51.2	92.6	75.3	0.2	-1.4	0.0	12.0
FR	75.1	43.0	94.2	43.6	75.2	44.1	92.6	52.0	0.1	1.1	-1.6	8.5
IT	74.5	36.5	91.0	46.6	77.9	37.9	89.6	75.4	3.4	1.5	-1.4	28.8
CY	81.2	47.4	95.0	74.8	82.7	47.0	95.3	74.7	1.5	-0.4	0.3	0.0
LV	77.8	49.9	90.9	67.6	77.9	49.4	91.0	60.3	0.1	-0.5	0.0	-7.3
LT	71.2	32.8	87.9	63.4	69.4	33.2	84.9	53.2	-1.8	0.4	-3.0	-10.3
LU	74.7	30.9	94.7	38.1	72.1	33.0	94.6	38.2	-2.6	2.1	-0.1	0.2
HU	68.7	29.9	87.0	42.9	69.2	30.3	85.8	52.0	0.5	0.4	-1.1	9.0
MT	78.5	58.1	94.3	50.4	83.0	58.2	93.5	72.7	4.5	0.1	-0.8	22.3
NL	84.8	73.0	94.0	64.7	82.4	74.0	93.0	59.1	-2.4	1.0	-1.0	-5.5
AT	81.7	65.7	93.7	51.3	82.0	67.1	93.5	60.5	0.3	1.4	-0.2	9.2
PL	70.1	37.8	88.0	45.1	71.6	36.4	85.6	57.7	1.4	-1.3	-2.4	12.6
PT	79.3	45.5	92.9	63.0	79.0	44.8	91.6	70.5	-0.3	-0.7	-1.3	7.5
RO	70.1	35.9	85.9	52.1	66.3	36.7	79.2	52.6	-3.7	0.8	-6.7	0.4
SI	75.8	46.3	91.3	46.5	74.3	45.1	91.1	49.6	-1.5	-1.2	-0.2	3.1
SK	76.6	38.9	93.9	57.6	76.2	39.2	92.9	56.6	-0.4	0.3	-1.0	-1.0
FI	77.5	55.2	90.4	59.5	80.1	55.8	91.9	66.5	2.6	0.7	1.5	7.0
SE	81.5	51.4	92.9	76.6	84.1	55.9	93.6	81.5	2.7	4.5	0.7	4.9
UK	82.1	64.8	91.6	69.4	82.8	65.0	90.9	73.4	0.6	0.3	-0.7	4.1
NO	81.6	57.8	90.8	74.8	78.6	59.4	88.4	67.1	-3.0	1.7	-2.4	-7.7
EU27	77.8	48.1	91.9	57.3	78.8	50.1	91.0	67.0	1.0	2.0	-0.9	9.7
EA	78.4	48.8	92.7	54.8	79.3	48.6	92.4	67.4	0.9	-0.2	-0.2	12.6
EA12	78.5	48.8	92.7	54.8	79.3	48.6	92.4	67.4	0.9	-0.2	-0.3	12.6
EU15	79.1	51.9	92.5	57.8	80.1	52.4	92.1	68.9	1.0	0.5	-0.4	11.1
EU10	72.1	38.3	89.5	48.8	73.9	36.9	88.7	59.7	1.8	-1.4	-0.8	10.9
EU25	77.9	49.3	92.0	56.4	79.4	50.7	91.7	67.7	1.4	1.3	-0.3	11.3

FEMALES	Total	Young	Prime age	Older	Total	Young	Prime age	Older	Total	Young	Prime age	Older
	(15-64)	(15-24)	(25-54)	(55-64)	(15-64)	(15-24)	(25-54)	(55-64)	(15-64)	(15-24)	(25-54)	(55-64)
BE	60.7	32.1	78.1	27.7	65.9	32.7	81.9	47.6	5.2	0.6	3.9	19.9
BG	62.3	28.4	80.7	38.1	65.6	28.0	83.4	43.8	3.3	-0.3	2.7	5.6
CZ	61.6	26.9	80.2	35.7	68.1	26.8	80.9	63.2	6.5	-0.1	0.7	27.5
DK	76.5	69.4	85.4	55.1	79.1	71.3	85.6	67.2	2.6	1.8	0.2	12.2
DE	70.2	48.9	81.8	48.8	76.5	49.7	85.6	71.6	6.3	0.8	3.9	22.8
EE	68.8	32.5	83.7	61.4	71.4	34.6	83.9	65.1	2.6	2.1	0.2	3.7
IE	63.3	52.1	72.1	40.4	71.3	50.6	79.0	68.2	8.0	-1.6	6.9	27.8
EL	55.2	29.3	69.2	28.4	61.0	28.1	75.9	44.7	5.7	-1.2	6.7	16.3
ES	61.5	43.6	72.7	32.7	72.9	41.9	82.0	72.6	11.4	-1.7	9.2	40.0
FR	65.6	35.6	82.5	38.5	67.9	36.0	85.1	46.6	2.3	0.4	2.6	8.1
IT	50.7	25.6	64.1	23.4	56.8	26.3	67.4	50.5	6.2	0.6	3.3	27.1
CY	64.7	41.0	78.7	41.5	73.2	39.8	88.2	55.3	8.4	-1.3	9.5	13.8
LV	68.3	36.8	83.5	54.9	70.4	38.5	83.6	56.0	2.1	1.7	0.1	1.1
LT	65.2	23.6	84.2	49.6	66.9	24.9	82.5	55.0	1.8	1.3	-1.7	5.4
LU	57.9	23.7	73.5	27.7	61.4	25.8	77.4	44.4	3.5	2.1	3.9	16.7
HU	55.0	22.1	73.2	26.9	60.7	21.9	76.2	46.8	5.7	-0.2	3.0	19.9
MT	39.9	52.7	44.5	13.3	45.1	53.7	49.3	27.4	5.2	1.1	4.8	14.1
NL	72.4	72.4	81.2	41.8	78.0	73.5	87.1	55.9	5.6	1.2	5.9	14.1
AT	68.0	57.2	81.1	29.3	73.1	59.2	84.9	50.3	5.1	2.0	3.9	21.0
PL	56.6	30.0	75.6	20.8	60.9	29.3	78.4	35.4	4.3	-0.7	2.8	14.7
PT	68.9	39.0	82.9	46.9	73.5	38.2	86.4	65.0	4.6	-0.8	3.5	18.1
RO	56.0	25.2	72.0	33.8	56.1	25.5	70.8	38.4	0.1	0.3	-1.2	4.6
SI	66.7	35.1	87.3	22.8	69.5	34.9	86.2	48.6	2.8	-0.2	-1.0	25.8
SK	61.2	30.6	81.1	23.8	66.1	29.6	81.9	49.1	4.9	-1.0	0.8	25.3
FI	74.1	53.6	85.6	59.4	78.1	55.1	88.3	68.9	4.0	1.5	2.7	9.5
SE	76.8	52.2	87.1	69.8	80.8	57.0	90.8	71.7	4.0	4.9	3.7	1.9
UK	69.0	59.0	77.6	50.4	74.4	59.5	80.6	68.9	5.4	0.4	3.0	18.5
NO	75.9	60.0	83.9	64.8	77.3	61.6	86.5	64.1	1.4	1.6	2.6	-0.7
EU27	63.4	41.0	76.9	38.2	69.4	42.9	80.8	58.1	5.9	2.0	4.0	19.9
EA	63.2	41.7	76.3	36.4	69.5	41.0	81.5	58.8	6.3	-0.7	5.2	22.4
EA12	63.2	41.8	76.2	36.6	69.5	41.0	81.5	58.9	6.3	-0.7	5.2	22.4
EU15	64.5	45.3	76.7	39.8	70.8	45.5	81.6	61.1	6.3	0.2	4.9	21.3
EU10	58.5	29.6	77.3	26.6	64.0	28.6	80.1	45.1	5.5	-1.0	2.8	18.6
EU25	63.5	42.4	76.8	37.6	70.0	43.6	81.4	59.0	6.5	1.3	4.6	21.5

Source: Commission services.

Table A 127 – Labour supply projections, 2007-2060 (age group : 15 to 64)

	Males					Females					Total						
	Number of persons ('000)			Annual growth rate		Number of persons ('000)			Annual growth rate		Number of persons ('000)			Annual growth rate		% change	
	2007	2020	2060	2007-2020	2020-2060	2007	2020	2060	2007-2020	2020-2060	2007	2020	2060	2007-2020	2020-2060	2007-2020	2020-2060
BE	2593	2693	2655	0.29%	-0.04%	2105	2343	2305	0.83%	-0.04%	4698	5036	4960	0.53%	-0.04%	7.2%	-1.5%
BG	1890	1745	1092	-0.61%	-1.17%	1667	1559	953	-0.51%	-1.22%	3557	3304	2045	-0.57%	-1.19%	-7.1%	-38.1%
CZ	2884	2811	2060	-0.20%	-0.77%	2242	2264	1743	0.08%	-0.65%	5126	5075	3803	-0.08%	-0.72%	-1.0%	-25.1%
DK	1525	1481	1462	-0.23%	-0.03%	1363	1364	1347	0.01%	-0.03%	2888	2845	2808	-0.12%	-0.03%	-1.5%	-1.3%
DE	22674	22373	16354	-0.10%	-0.78%	18916	19257	14686	0.14%	-0.68%	41590	41630	31040	0.01%	-0.73%	0.1%	-25.4%
EE	340	326	245	-0.31%	-0.71%	326	310	221	-0.39%	-0.83%	666	636	467	-0.35%	-0.77%	-4.5%	-26.6%
IE	1217	1467	1609	1.45%	0.23%	927	1217	1371	2.12%	0.30%	2144	2684	2980	1.74%	0.26%	25.2%	11.0%
EL	2987	2971	2391	-0.04%	-0.54%	2050	2204	1848	0.56%	-0.44%	5036	5175	4240	0.21%	-0.50%	2.8%	-18.1%
ES	12618	14023	11769	0.82%	-0.44%	9295	11622	10208	1.73%	-0.32%	21913	25645	21978	1.22%	-0.39%	17.0%	-14.3%
FR	14995	15084	15773	0.05%	0.11%	13229	13532	13730	0.17%	0.04%	28224	28615	29503	0.11%	0.08%	1.4%	3.1%
IT	14554	15133	13100	0.30%	-0.36%	9882	10943	9054	0.79%	-0.47%	24435	26076	22154	0.50%	-0.41%	6.7%	-15.0%
CY	218	270	325	1.67%	0.46%	178	236	281	2.19%	0.44%	396	506	606	1.91%	0.45%	27.8%	19.8%
LV	592	550	351	-0.55%	-1.12%	555	521	314	-0.49%	-1.25%	1147	1071	666	-0.52%	-1.18%	-6.6%	-37.8%
LT	799	772	462	-0.26%	-1.27%	781	775	456	-0.06%	-1.32%	1580	1547	918	-0.16%	-1.30%	-2.0%	-40.7%
LU	122	135	161	0.76%	0.44%	92	112	134	1.52%	0.45%	214	246	295	1.10%	0.45%	15.2%	19.5%
HU	2341	2317	1686	-0.08%	-0.79%	1938	1991	1452	0.21%	-0.79%	4279	4308	3138	0.05%	-0.79%	0.7%	-27.1%
MT	113	115	94	0.14%	-0.50%	56	60	49	0.58%	-0.50%	169	175	143	0.29%	-0.50%	3.8%	-18.3%
NL	4720	4542	4038	-0.29%	-0.29%	3958	4119	3653	0.31%	-0.30%	8678	8662	7691	-0.01%	-0.30%	-0.2%	-11.2%
AT	2291	2347	2150	0.18%	-0.22%	1901	2046	1864	0.57%	-0.23%	4192	4393	4014	0.36%	-0.23%	4.8%	-8.6%
PL	9404	9117	5926	-0.24%	-1.07%	7681	7706	4902	0.02%	-1.12%	17085	16823	10828	-0.12%	-1.10%	-1.5%	-35.6%
PT	2798	2886	2539	0.24%	-0.32%	2485	2652	2305	0.50%	-0.35%	5283	5538	4844	0.36%	-0.33%	4.8%	-12.5%
RO	5254	5016	3052	-0.36%	-1.23%	4224	4156	2503	-0.13%	-1.26%	9478	9172	5554	-0.25%	-1.25%	-3.2%	-39.4%
SI	545	524	358	-0.31%	-0.95%	461	464	330	0.05%	-0.85%	1006	988	688	-0.14%	-0.90%	-1.8%	-30.4%
SK	1480	1482	924	0.01%	-1.17%	1193	1249	784	0.35%	-1.16%	2673	2731	1708	0.16%	-1.17%	2.2%	-37.5%
FI	1374	1349	1245	-0.14%	-0.20%	1286	1279	1168	-0.04%	-0.23%	2660	2628	2412	-0.09%	-0.21%	-1.2%	-8.2%
SE	2477	2617	2666	0.43%	0.05%	2260	2384	2443	0.41%	0.06%	4737	5001	5109	0.42%	0.05%	5.6%	2.2%
UK	16551	17208	18886	0.30%	0.23%	13985	15219	16523	0.65%	0.21%	30536	32427	35409	0.46%	0.22%	6.2%	9.2%
NO	1281	1346	1391	0.38%	0.08%	1154	1245	1333	0.58%	0.17%	2436	2591	2724	0.48%	0.13%	6.4%	5.1%
EU27	129354	131353	113374	0.12%	-0.37%	105034	111584	96628	0.47%	-0.36%	234388	242937	210003	0.28%	-0.36%	3.6%	-13.6%
EA	83819	85911	74561	0.19%	-0.35%	66819	72086	62987	0.59%	-0.34%	150638	157997	137548	0.37%	-0.35%	4.9%	-12.9%
EA12	82943	85002	73784	0.19%	-0.35%	66125	71326	62327	0.58%	-0.34%	149067	156328	136112	0.37%	-0.35%	4.9%	-12.9%
EU15	103495	106307	96798	0.21%	-0.23%	83733	90293	82640	0.58%	-0.22%	187228	196601	179438	0.38%	-0.23%	5.0%	-8.7%
EU10	18715	18285	12433	-0.18%	-0.96%	15410	15575	10532	0.08%	-0.97%	34125	33860	22965	-0.06%	-0.97%	-0.8%	-32.2%
EU25	122210	124592	109231	0.15%	-0.33%	99143	105868	93172	0.51%	-0.32%	221353	230460	202403	0.31%	-0.32%	4.1%	-12.2%

Source: Commission services.

Table A 128 – Contribution to the overall change in participation rates, 2007-2060 (changes in %)

	Participation rates in 2060	Total change in participation rates (%)	Contribution of group-specific changes in participation rates to change in overall participation rate												Demographic effect						Interaction effect
			Total	Young	Prime age	Older	Male	Young	Prime age	Older	Female	Young	Prime age	Older	Total	Young	Prime age	Older	Male	Female	
BE	69.7	2.4	3.3	0.2	0.9	2.3	0.3	0.2	-0.4	0.5	3.1	0.1	1.2	1.8	-1.2	0.1	-2.1	0.8	0.4	-0.3	0.2
BG	69.3	2.4	1.8	0.0	1.3	0.7	0.4	0.0	0.4	0.0	1.4	0.0	0.8	0.6	0.5	-0.7	0.3	0.8	0.7	-0.7	0.1
CZ	73.5	3.6	3.1	0.0	-0.5	3.6	0.1	0.0	-0.7	0.8	3.0	0.0	0.2	2.8	0.3	-0.4	0.2	0.6	0.1	-0.1	0.2
DK	80.8	0.6	0.8	0.3	-1.1	1.6	-0.6	0.1	-1.2	0.4	1.4	0.2	0.1	1.2	-0.3	1.4	-1.7	0.0	0.5	-0.4	0.1
DE	79.8	3.6	4.0	0.1	1.0	2.9	0.7	0.1	-0.2	0.9	3.3	0.1	1.2	2.0	-1.2	-0.5	-3.7	3.0	0.0	0.0	0.8
EE	74.5	1.6	0.1	0.3	-0.4	0.3	-0.5	0.1	-0.6	0.0	0.7	0.2	0.1	0.3	1.5	-1.6	1.7	1.3	1.8	-1.6	0.0
IE	76.3	3.9	4.0	-0.3	2.4	2.0	0.0	-0.2	0.2	0.0	4.0	-0.2	2.2	2.0	-0.7	-0.8	-2.0	2.1	0.2	-0.2	0.5
EL	68.8	1.7	3.0	0.0	1.8	1.3	-0.5	0.1	-0.3	-0.2	3.5	-0.1	2.2	1.4	-1.6	0.1	-3.4	1.7	0.2	-0.1	0.2
ES	77.3	5.7	6.9	-0.3	3.1	4.1	0.8	-0.1	0.0	0.9	6.1	-0.1	3.1	3.2	-2.2	0.6	-5.2	2.4	0.1	-0.1	1.0
FR	71.6	1.3	2.0	0.2	0.4	1.5	0.4	0.1	-0.5	0.7	1.6	0.0	0.8	0.7	-0.9	0.2	-1.6	0.5	0.9	-0.8	0.1
IT	67.7	5.1	5.8	0.2	0.8	5.2	2.2	0.1	-0.5	2.5	3.7	0.0	1.1	2.5	-2.2	0.3	-4.0	1.4	1.0	-0.7	1.1
CY	78.0	5.1	4.0	-0.2	3.2	1.1	0.0	0.0	0.1	0.0	3.9	-0.1	3.0	1.1	0.7	-2.0	0.2	2.4	1.0	-0.8	0.4
LV	74.2	1.3	-0.2	0.2	0.1	-0.4	-0.5	-0.1	0.0	-0.5	0.3	0.2	0.0	0.1	1.5	-2.4	1.8	2.1	1.5	-1.3	-0.1
LT	68.2	0.1	-1.4	0.2	-1.4	-0.2	-1.5	0.0	-0.9	-0.7	0.1	0.1	-0.5	0.5	1.7	-1.8	-0.2	3.7	0.8	-0.7	-0.1
LU	66.8	0.4	2.9	0.4	1.3	1.3	0.2	0.2	0.0	0.0	2.7	0.2	1.3	1.3	-2.8	0.4	-4.5	1.4	-0.1	0.1	0.3
HU	65.0	3.2	3.3	0.0	0.7	2.7	0.4	0.0	-0.4	0.7	2.9	0.0	1.0	2.0	-0.7	-0.4	-1.4	1.2	0.9	-0.7	0.5
MT	64.4	4.9	4.8	0.1	1.1	3.6	1.9	0.0	-0.3	2.1	2.9	0.1	1.4	1.4	-0.5	-2.2	0.8	0.9	0.1	-0.1	0.5
NL	80.2	1.6	2.5	0.2	1.6	0.8	-0.7	0.1	-0.3	-0.5	3.3	0.1	1.9	1.3	-1.0	0.3	-2.8	1.5	0.6	-0.5	0.0
AT	77.6	2.8	4.0	0.3	1.2	2.5	0.8	0.1	-0.1	0.7	3.2	0.2	1.3	1.8	-1.9	-0.4	-3.2	1.7	0.5	-0.4	0.6
PL	66.3	3.0	2.0	-0.2	0.2	2.2	0.0	-0.2	-0.7	0.9	2.0	-0.1	0.9	1.2	-0.2	-2.2	-0.2	2.1	0.7	-0.6	1.0
PT	76.3	2.2	2.8	-0.1	0.8	2.3	0.1	-0.1	-0.4	0.6	2.7	-0.1	1.2	1.6	-1.3	-0.3	-3.6	2.7	0.9	-0.8	0.6
RO	61.3	-1.7	-2.0	0.1	-2.4	0.5	-2.0	0.1	-2.1	0.0	0.0	0.0	-0.4	0.4	-0.2	-1.6	-1.6	3.0	0.6	-0.5	0.3
SI	71.9	0.6	1.9	-0.1	-0.4	2.5	0.1	-0.1	-0.1	0.3	1.8	0.0	-0.3	2.2	-1.9	-0.2	-3.1	1.3	-0.5	0.4	0.6
SK	71.2	2.4	1.8	-0.1	0.0	2.0	-0.4	0.0	-0.3	-0.1	2.2	-0.1	0.2	2.1	-0.6	-2.1	-1.5	3.0	0.6	-0.5	1.0
FI	79.1	3.3	3.2	0.2	1.3	1.7	1.2	0.1	0.4	0.7	1.9	0.1	0.8	1.0	0.2	0.1	0.6	-0.5	0.3	-0.3	-0.1
SE	82.5	3.3	2.9	0.9	1.3	0.7	1.2	0.5	0.2	0.5	1.7	0.5	1.1	0.2	0.4	-0.1	2.0	-1.5	0.3	-0.3	0.0
UK	78.7	3.1	2.9	0.1	0.8	2.0	0.2	0.0	-0.2	0.4	2.7	0.0	0.9	1.7	0.1	-0.7	0.4	0.4	0.7	-0.6	0.1
NO	78.0	-0.9	-0.4	0.3	0.0	-0.8	-1.3	0.2	-0.8	-0.7	0.9	0.2	0.8	-0.1	-0.4	0.2	-1.6	1.1	-0.1	0.1	-0.1
EU27	74.1	3.5	3.9	0.4	1.0	2.6	0.7	0.2	-0.3	0.8	3.2	0.2	1.3	1.8	-0.9	-0.4	-2.2	1.6	0.6	-0.5	0.4
EA	74.5	3.6	4.6	-0.1	1.6	3.1	1.0	0.0	-0.1	1.1	3.6	-0.1	1.7	2.0	-1.5	0.1	-3.3	1.6	0.5	-0.4	0.5
EA12	74.5	3.6	4.6	-0.1	1.6	3.1	1.0	0.0	-0.1	1.1	3.6	-0.1	1.7	2.0	-1.5	0.2	-3.3	1.6	0.5	-0.4	0.5
EU15	75.6	3.7	4.4	0.1	1.5	2.9	0.9	0.0	-0.1	1.0	3.5	0.0	1.6	1.9	-1.1	0.1	-2.6	1.4	0.5	-0.4	0.4
EU10	69.0	3.7	2.8	-0.3	0.6	2.5	0.4	-0.1	-0.3	0.8	2.4	-0.1	0.9	1.6	-0.1	-1.6	-0.3	1.9	0.7	-0.5	0.8
EU25	74.8	4.0	4.5	0.2	1.4	2.9	1.0	0.1	-0.1	1.0	3.5	0.1	1.5	1.9	-1.0	-0.3	-2.2	1.5	0.6	-0.4	0.5

Source: Commission services.

Table A 129 – Contribution to the overall change in labour force, 2007-2060 (changes in %)

	Labour force in 2060 (thousands)	Total change in labour force (%)	Contribution of group-specific changes in participation rates to change in overall labour supply												Demographic effect						Interaction effect
			Total	Young	Prime age	Older	Male	Young	Prime age	Older	Female	Young	Prime age	Older	Total	Young	Prime age	Older	Male	Female	
BE	4960	5.6	5.0	0.3	1.3	3.4	0.4	0.2	-0.6	0.7	4.5	0.1	1.8	2.6	0.1	0.4	-1.6	1.3	1.7	0.4	0.5
BG	2045	-42.5	2.7	-0.1	1.9	1.0	0.7	0.0	0.6	0.1	2.1	0.0	1.2	0.9	-44.2	-4.7	-34.2	-5.3	-23.0	-21.4	-1.2
CZ	3803	-25.8	4.4	0.0	-0.8	5.2	0.1	0.0	-1.0	1.1	4.3	0.0	0.3	4.0	-29.1	-2.9	-22.8	-3.4	-16.4	-13.0	-1.1
DK	2808	-2.8	1.0	0.4	-1.4	2.0	-0.8	0.2	-1.4	0.5	1.8	0.2	0.1	1.5	-3.8	1.2	-4.4	-0.6	-1.3	-2.1	0.0
DE	31040	-25.4	5.3	0.2	1.4	3.7	1.0	0.1	-0.3	1.1	4.3	0.1	1.6	2.6	-29.9	-3.9	-25.0	-0.9	-15.6	-13.1	-0.8
EE	467	-29.9	0.1	0.5	-0.6	0.4	-0.8	0.1	-0.8	-0.1	0.9	0.3	0.1	0.5	-30.0	-5.3	-21.7	-3.1	-14.4	-16.9	-0.1
IE	2980	39.0	5.5	-0.4	3.3	2.7	0.0	-0.2	0.2	0.0	5.5	-0.2	3.0	2.7	30.8	3.9	19.6	7.3	18.6	13.5	2.6
EL	4240	-15.8	4.5	0.0	2.7	1.9	-0.7	0.1	-0.5	-0.3	5.2	-0.2	3.2	2.1	-19.8	-1.4	-18.5	0.1	-10.4	-7.4	-0.6
ES	21978	0.3	9.7	-0.4	4.3	5.7	1.1	-0.2	0.0	1.3	8.6	-0.2	4.3	4.5	-10.0	0.0	-12.4	2.4	-4.0	-3.1	0.6
FR	29503	4.5	2.8	0.2	0.6	2.1	0.5	0.2	-0.7	1.1	2.3	0.1	1.2	1.0	1.4	0.6	-0.2	1.0	2.7	0.1	0.2
IT	22154	-9.3	9.3	0.3	1.3	8.3	3.5	0.2	-0.8	4.1	5.8	0.1	1.7	4.1	-19.1	-0.9	-18.5	0.3	-8.3	-7.4	-0.1
CY	606	53.1	5.5	-0.2	4.3	1.5	0.1	-0.1	0.1	0.0	5.4	-0.2	4.1	1.5	44.3	1.9	32.5	9.9	25.6	17.8	3.1
LV	666	-41.9	-0.3	0.2	0.2	-0.5	-0.7	-0.1	0.0	-0.7	0.4	0.3	0.0	0.1	-41.8	-7.7	-30.0	-4.1	-21.0	-21.8	0.0
LT	918	-41.9	-2.1	0.3	-2.1	-0.3	-2.2	0.1	-1.3	-1.0	0.1	0.2	-0.8	0.7	-40.5	-5.5	-32.9	-2.1	-20.5	-21.3	0.8
LU	295	37.7	4.4	0.6	1.9	1.9	0.3	0.3	0.0	0.0	4.1	0.3	2.0	1.9	31.1	3.4	22.1	5.6	20.8	16.1	2.2
HU	3138	-26.7	5.4	0.0	1.1	4.4	0.7	0.1	-0.6	1.2	4.7	0.0	1.6	3.2	-31.1	-2.9	-26.5	-1.7	-15.6	-14.5	-1.1
MT	143	-15.1	8.0	0.2	1.9	6.1	3.2	0.0	-0.4	3.6	4.9	0.2	2.4	2.3	-22.3	-7.1	-14.2	-1.0	-14.3	-7.2	-1.1
NL	7691	-11.4	3.2	0.2	2.0	1.0	-0.9	0.1	-0.4	-0.7	4.2	0.1	2.4	1.6	-14.2	-1.9	-12.4	0.1	-6.5	-6.5	-0.4
AT	4014	-4.2	5.4	0.4	1.6	3.4	1.1	0.2	-0.1	1.0	4.3	0.2	1.7	2.4	-10.0	-1.7	-9.8	1.5	-3.6	-4.0	0.3
PL	10828	-36.6	3.2	-0.4	0.3	3.5	0.0	-0.2	-1.2	1.4	3.2	-0.1	1.4	1.9	-39.7	-6.9	-31.7	-1.1	-21.0	-18.3	-0.4
PT	4844	-8.3	3.8	-0.2	1.1	3.1	0.2	-0.1	-0.6	0.8	3.7	-0.1	1.6	2.2	-12.5	-1.5	-12.9	1.8	-4.7	-6.2	0.3
RO	5554	-41.4	-3.1	0.2	-3.9	0.7	-3.2	0.1	-3.4	0.1	0.1	0.1	-0.6	0.6	-39.9	-5.6	-33.1	-1.2	-21.4	-18.2	1.4
SI	688	-31.6	2.7	-0.2	-0.6	3.4	0.1	-0.2	-0.1	0.4	2.6	0.0	-0.4	3.1	-34.0	-3.5	-29.1	-1.3	-17.9	-14.3	-0.3
SK	1708	-36.1	2.6	-0.1	-0.1	2.9	-0.5	0.0	-0.5	-0.1	3.2	-0.2	0.3	3.0	-38.8	-6.0	-32.1	-0.6	-20.6	-17.5	-0.1
FI	2412	-9.3	4.2	0.3	1.7	2.2	1.6	0.1	0.6	0.9	2.5	0.2	1.1	1.3	-12.9	-1.6	-8.5	-2.7	-6.4	-6.7	-0.6
SE	5109	7.9	3.7	1.2	1.7	0.9	1.5	0.6	0.3	0.6	2.2	0.6	1.4	0.2	4.1	0.3	5.0	-1.3	2.2	1.3	0.1
UK	35409	16.0	3.8	0.1	1.1	2.7	0.2	0.0	-0.3	0.5	3.5	0.1	1.3	2.2	11.5	0.8	8.5	2.2	7.2	4.4	0.6
NO	2724	11.9	-0.5	0.4	0.0	-1.0	-1.7	0.2	-1.0	-0.9	1.1	0.2	1.0	-0.1	12.6	2.1	6.8	3.7	6.7	6.4	-0.2
EU27	210003	-10.4	5.5	0.5	1.4	3.7	1.0	0.3	-0.4	1.1	4.5	0.3	1.8	2.5	-15.8	-2.2	-13.8	0.2	-7.4	-7.1	-0.3
EA	137548	-8.7	6.4	-0.1	2.3	4.3	1.4	0.0	-0.1	1.5	5.0	-0.1	2.4	2.8	-14.4	-1.2	-13.8	0.6	-6.4	-6.0	-0.2
EA12	136112	-8.7	6.4	-0.1	2.3	4.3	1.4	0.0	-0.1	1.5	5.1	-0.1	2.4	2.8	-14.4	-1.2	-13.8	0.6	-6.4	-6.0	-0.2
EU15	179438	-4.2	6.0	0.1	2.1	4.0	1.2	0.1	-0.2	1.3	4.8	0.0	2.2	2.6	-9.7	-0.9	-9.6	0.8	-3.9	-4.2	0.0
EU10	22965	-32.7	4.3	-0.4	1.0	3.9	0.6	-0.2	-0.4	1.3	3.7	-0.2	1.3	2.5	-35.7	-5.5	-28.7	-1.4	-18.8	-16.6	-0.8
EU25	202403	-8.6	6.3	0.3	2.0	4.1	1.4	0.2	-0.1	1.3	4.9	0.2	2.1	2.7	-14.1	-1.9	-12.6	0.4	-6.4	-6.3	-0.2

Source: Commission services.

Table A 130 – Employment rate projections 2007-2060 (15-64)

	Total (15-64)				Females (15-64)				Older workers (55-64)			
	2007	2015	2020	2060	2007	2015	2020	2060	2007	2015	2020	2060
BE	62.3	64.7	65.4	65.4	55.5	59.6	60.8	61.4	34.6	44.2	47.1	47.4
BG	62.1	66.6	67.0	66.0	57.7	62.5	63.0	62.3	43.4	45.1	45.9	47.9
CZ	66.2	70.2	70.6	70.2	57.4	62.3	63.0	64.3	46.6	54.8	55.9	65.2
DK	77.2	77.2	77.0	78.2	73.2	74.1	74.2	76.3	59.1	59.4	60.9	67.5
DE	69.6	73.1	74.2	74.9	64.0	68.3	69.5	71.8	51.4	62.0	65.0	68.7
EE	69.4	72.8	72.8	72.0	66.0	68.6	69.5	69.3	60.2	58.8	61.0	62.2
IE	69.1	71.4	71.8	72.4	60.6	65.0	66.3	68.1	53.8	60.6	63.8	67.3
EL	61.4	64.4	65.1	64.6	48.0	52.7	54.5	55.4	42.8	45.7	47.3	50.4
ES	65.6	69.5	71.0	72.5	54.8	61.3	64.1	67.2	44.7	55.1	60.5	70.5
FR	64.7	65.6	66.4	67.2	60.0	61.5	62.4	63.4	38.9	41.0	44.3	47.4
IT	58.7	62.0	62.6	63.8	46.6	51.1	52.1	52.8	33.8	47.5	52.7	61.6
CY	69.7	74.3	75.8	75.3	61.6	68.1	70.1	70.4	55.9	59.6	61.1	63.4
LV	68.5	72.4	71.6	70.6	64.5	68.7	68.1	67.3	57.7	57.8	56.4	56.0
LT	65.1	68.1	68.5	65.8	62.3	66.2	66.8	64.6	53.4	58.1	57.6	52.6
LU	63.6	64.0	63.8	63.7	55.0	57.3	57.8	58.1	32.3	38.2	39.8	40.5
HU	57.2	60.9	62.5	61.0	50.8	55.8	57.3	56.8	32.7	44.8	45.8	47.8
MT	55.8	57.4	59.1	60.4	37.0	39.8	40.8	41.6	30.5	30.9	36.6	48.0
NL	76.1	77.0	77.1	77.8	69.7	73.0	73.7	75.3	51.4	53.5	54.3	55.7
AT	71.5	72.6	72.7	74.3	64.5	67.2	67.7	69.6	38.8	44.4	48.3	54.0
PL	57.1	61.3	62.2	62.4	50.6	55.1	56.5	57.0	29.9	34.0	33.5	44.6
PT	67.8	70.8	71.4	71.6	61.9	66.2	67.5	68.2	51.0	57.8	60.5	64.5
RO	58.7	60.9	61.0	57.6	52.8	55.3	55.8	53.3	41.4	45.4	46.2	44.5
SI	67.8	69.1	69.9	68.6	62.7	65.8	66.8	65.6	33.4	41.6	47.4	47.8
SK	61.2	65.6	68.4	66.8	53.4	58.8	62.0	61.5	36.2	46.4	48.0	50.4
FI	70.5	72.5	73.8	74.6	68.8	70.7	72.4	73.4	55.6	58.8	63.2	64.3
SE	74.3	77.0	77.3	77.6	71.8	74.6	74.8	75.7	70.3	72.1	72.5	73.7
UK	71.5	72.7	73.0	74.4	65.5	67.9	68.5	70.7	57.8	60.6	62.0	68.9
NO	76.8	75.1	75.1	74.8	74.1	73.2	73.5	74.2	69.2	65.7	65.4	64.6
EU27	65.5	68.2	69.0	69.9	58.4	62.2	63.4	65.1	44.9	51.3	54.5	60.0
EA	65.5	68.6	69.5	70.1	57.8	62.0	63.4	64.9	42.6	51.2	54.8	60.3
EA12	65.5	68.6	69.5	70.1	57.8	62.0	63.4	64.9	42.6	51.2	54.9	60.3
EU15	66.7	69.5	70.3	71.2	59.4	63.4	64.6	66.4	45.9	53.0	56.2	62.3
EU10	59.9	64.4	65.6	65.2	53.3	58.4	59.9	60.2	34.8	41.8	43.0	50.4
EU25	65.6	68.7	69.5	70.5	58.4	62.6	63.8	65.7	44.1	51.2	54.3	60.7

Source: Commission services.

Table A 131 – Employment projections 2007-2060 (15-64)

	Persons (in thousands)			Changes (in thousands)			Changes (in %)			Annual growth rate	
	2007	2020	2060	2007-2020	2020-2060	2007-2060	2007-2020	2020-2060	2007-2060	2007-2020	2020-2060
BE	4346	4723	4652	378	-71	307	8.7	-1.5	7.1	0.64	-0.04
BG	3307	3148	1949	-160	-1199	-1359	-4.8	-38.1	-41.1	-0.38	-1.19
CZ	4850	4846	3632	-4	-1214	-1218	-0.1	-25.1	-25.1	-0.01	-0.72
DK	2777	2752	2717	-24	-35	-59	-0.9	-1.3	-2.1	-0.07	-0.03
DE	37971	39049	29116	1077	-9933	-8856	2.8	-25.4	-23.3	0.22	-0.73
EE	634	614	451	-20	-163	-183	-3.1	-26.6	-28.9	-0.24	-0.77
IE	2044	2548	2829	505	281	786	24.7	11.0	38.4	1.71	0.26
EL	4606	4854	3977	248	-877	-629	5.4	-18.1	-13.7	0.40	-0.50
ES	20089	24055	20615	3966	-3440	526	19.7	-14.3	2.6	1.40	-0.39
FR	25966	26841	27674	875	833	1708	3.4	3.1	6.6	0.26	0.08
IT	22925	24576	20880	1651	-3696	-2045	7.2	-15.0	-8.9	0.54	-0.41
CY	379	489	585	110	97	207	29.0	19.8	54.5	1.98	0.45
LV	1077	1019	633	-57	-386	-443	-5.3	-37.8	-41.2	-0.42	-1.18
LT	1510	1493	886	-17	-607	-624	-1.1	-40.7	-41.3	-0.09	-1.30
LU	205	235	281	30	46	76	14.8	19.5	37.1	1.07	0.45
HU	3962	4041	2944	79	-1097	-1018	2.0	-27.1	-25.7	0.15	-0.79
MT	158	164	134	6	-30	-24	3.9	-18.3	-15.1	0.29	-0.50
NL	8400	8401	7460	1	-941	-939	0.0	-11.2	-11.2	0.00	-0.30
AT	4004	4205	3842	201	-363	-162	5.0	-8.6	-4.0	0.38	-0.23
PL	15407	15834	10191	427	-5642	-5215	2.8	-35.6	-33.9	0.21	-1.10
PT	4835	5195	4544	360	-651	-291	7.4	-12.5	-6.0	0.55	-0.33
RO	8837	8624	5222	-213	-3402	-3615	-2.4	-39.4	-40.9	-0.19	-1.25
SI	956	941	656	-15	-286	-300	-1.5	-30.4	-31.4	-0.12	-0.90
SK	2376	2562	1602	186	-960	-774	7.8	-37.5	-32.6	0.58	-1.17
FI	2474	2476	2273	2	-203	-201	0.1	-8.2	-8.1	0.01	-0.21
SE	4444	4704	4805	261	101	362	5.9	2.2	8.1	0.44	0.05
UK	28875	30666	33486	1791	2820	4611	6.2	9.2	16.0	0.46	0.22
NO	2374	2484	2612	110	127	237	4.6	5.1	10.0	0.35	0.13
EU27	217411	229055	198036	11644	-31018	-19375	5.4	-13.5	-8.9	0.40	-0.36
EA	139357	148753	129518	9396	-19235	-9839	6.7	-12.9	-7.1	0.50	-0.35
EA12	137864	147158	128143	9294	-19015	-9721	6.7	-12.9	-7.1	0.50	-0.35
EU15	173959	185281	169152	11322	-16129	-4807	6.5	-8.7	-2.8	0.49	-0.23
EU10	31308	32002	21714	695	-10289	-9594	2.2	-32.1	-30.6	0.17	-0.96
EU25	205266	217283	190865	12017	-26418	-14401	5.9	-12.2	-7.0	0.44	-0.32

Source: Commission services.

Table A 132 – Employment rate projections by age and sex, 2007-2060

	2007				2060				change 2007-2060			
TOTAL	Total	Young	Prime age	Older	Total	Young	Prime age	Older	Total	Young	Prime age	Older
	(15-64)	(15-24)	(25-54)	(55-64)	(15-64)	(15-24)	(25-54)	(55-64)	(15-64)	(15-24)	(25-54)	(55-64)
BE	62.3	27.9	79.7	34.6	65.4	30.1	81.9	47.4	3.1	2.2	2.2	12.7
BG	62.1	27.3	78.8	43.4	66.0	28.5	82.5	47.9	3.9	1.2	3.6	4.5
CZ	66.2	28.6	83.4	46.6	70.2	29.0	83.2	65.2	4.0	0.4	-0.2	18.5
DK	77.2	65.2	86.3	59.1	78.2	67.9	85.0	67.5	1.0	2.7	-1.3	8.4
DE	69.6	45.4	80.9	51.4	74.9	47.9	84.5	68.7	5.3	2.5	3.5	17.3
EE	69.4	34.7	84.7	60.2	72.0	37.2	85.1	62.2	2.6	2.5	0.3	2.0
IE	69.1	50.4	78.7	53.8	72.4	48.1	81.9	67.3	3.4	-2.2	3.2	13.5
EL	61.4	25.3	75.7	42.8	64.6	27.0	80.0	50.4	3.1	1.6	4.3	7.6
ES	65.6	39.5	76.8	44.7	72.5	40.1	82.7	70.5	6.9	0.6	5.8	25.8
FR	64.7	32.1	82.2	38.9	67.2	34.4	84.1	47.4	2.5	2.3	1.9	8.5
IT	58.7	24.9	73.5	33.8	63.8	25.7	74.8	61.6	5.0	0.9	1.3	27.7
CY	69.7	39.5	83.8	55.9	75.3	39.4	89.1	63.4	5.6	-0.1	5.4	7.6
LV	68.5	38.9	82.3	57.7	70.6	40.4	83.3	56.0	2.1	1.4	1.0	-1.7
LT	65.1	26.0	82.5	53.4	65.8	27.1	80.9	52.6	0.6	1.1	-1.6	-0.8
LU	63.6	23.2	81.2	32.3	63.7	24.8	82.8	40.5	0.1	1.5	1.6	8.2
HU	57.2	21.4	74.6	32.7	61.0	22.0	76.2	47.8	3.8	0.6	1.6	15.1
MT	55.8	48.3	66.5	30.5	60.4	48.6	68.1	48.0	4.6	0.3	1.6	17.6
NL	76.1	68.4	85.5	51.4	77.8	69.8	88.0	55.7	1.7	1.4	2.6	4.3
AT	71.5	56.2	84.1	38.8	74.3	57.9	85.9	54.0	2.8	1.7	1.8	15.1
PL	57.1	26.7	75.0	29.9	62.4	28.3	77.7	44.6	5.3	1.6	2.7	14.7
PT	67.8	35.3	81.0	51.0	71.6	36.3	83.9	64.5	3.8	1.0	2.9	13.6
RO	58.7	24.5	74.5	41.4	57.6	25.3	71.0	44.5	-1.1	0.7	-3.5	3.2
SI	67.8	36.8	85.3	33.4	68.6	36.0	84.8	47.8	0.7	-0.7	-0.5	14.4
SK	61.2	27.8	78.6	36.2	66.8	30.3	82.2	50.4	5.6	2.5	3.6	14.2
FI	70.5	45.4	83.4	55.6	74.6	47.8	86.1	64.3	4.0	2.4	2.7	8.7
SE	74.3	41.9	86.1	70.3	77.6	46.5	88.3	73.7	3.3	4.7	2.2	3.4
UK	71.5	53.1	81.4	57.8	74.4	53.1	82.5	68.9	2.9	0.0	1.1	11.1
NO	76.8	54.5	85.8	69.2	74.8	53.4	84.7	64.6	-2.1	-1.1	-1.0	-4.6
EU27	65.5	37.7	79.2	44.9	69.9	40.5	81.8	60.0	4.4	2.8	2.6	15.1
EA	65.5	38.6	79.0	42.6	70.1	39.3	82.6	60.3	4.6	0.7	3.6	17.7
EA12	65.5	38.5	78.9	42.6	70.1	39.3	82.5	60.3	4.6	0.7	3.6	17.7
EU15	66.7	41.5	79.5	45.9	71.2	42.6	82.7	62.3	4.5	1.2	3.2	16.4
EU10	59.9	27.9	77.4	34.8	65.2	28.7	80.2	50.4	5.4	0.8	2.8	15.6
EU25	65.6	38.9	79.1	44.1	70.5	41.1	82.4	60.7	4.9	2.2	3.2	16.6
MALES	Total	Young	Prime age	Older	Total	Young	Prime age	Older	Total	Young	Prime age	Older
	(15-64)	(15-24)	(25-54)	(55-64)	(15-64)	(15-24)	(25-54)	(55-64)	(15-64)	(15-24)	(25-54)	(55-64)
BE	69.0	30.4	87.0	43.2	69.3	33.0	86.8	49.2	0.4	2.6	-0.2	6.0
BG	66.7	30.5	82.2	52.7	69.6	31.8	85.2	54.3	2.9	1.3	2.9	1.6
CZ	74.9	33.0	91.7	60.4	76.0	33.5	89.9	69.3	1.1	0.6	-1.8	8.8
DK	81.0	66.1	90.2	65.4	80.0	68.8	86.9	69.7	-1.0	2.6	-3.2	4.3
DE	75.0	47.2	86.5	59.6	77.9	49.9	88.0	71.0	2.9	2.7	1.6	11.4
EE	73.0	39.0	89.6	59.4	74.5	41.2	88.7	59.7	1.5	2.3	-0.9	0.3
IE	77.3	52.8	87.7	67.9	76.6	50.4	87.7	67.9	-0.7	-2.3	0.0	0.0
EL	74.5	30.3	90.1	59.4	73.4	32.6	90.4	57.4	-1.1	2.2	0.2	-2.0
ES	76.2	44.6	87.6	60.2	77.7	45.2	89.0	72.6	1.5	0.6	1.4	12.4
FR	69.5	35.4	88.3	41.2	70.8	38.1	88.1	49.9	1.3	2.7	-0.2	8.7
IT	70.8	29.8	87.3	45.4	74.1	31.0	86.0	73.4	3.3	1.2	-1.3	28.0
CY	78.0	41.9	92.3	72.5	80.1	42.3	93.1	72.8	2.2	0.3	0.8	0.3
LV	72.7	44.5	85.6	64.3	73.8	45.0	86.6	57.7	1.1	0.6	1.0	-6.6
LT	68.1	30.5	84.3	60.9	67.0	31.2	82.0	51.5	-1.1	0.8	-2.3	-9.4
LU	72.0	26.5	91.9	37.2	69.2	28.1	91.6	37.4	-2.8	1.5	-0.3	0.1
HU	63.7	24.7	81.3	41.0	65.0	25.6	81.0	50.1	1.3	0.9	-0.4	9.1
MT	74.0	49.4	90.3	48.8	78.6	49.2	89.4	70.5	4.6	-0.2	-0.9	21.6
NL	82.4	68.9	92.1	62.2	80.2	70.2	91.3	57.0	-2.3	1.4	-0.9	-5.2
AT	78.4	60.2	90.6	49.8	78.8	61.7	90.4	59.0	0.4	1.4	-0.2	9.1
PL	63.7	30.3	81.2	41.8	67.6	31.6	81.4	55.1	3.9	1.4	0.2	13.3
PT	73.8	39.4	87.2	58.6	74.9	40.2	87.4	66.9	1.1	0.8	0.2	8.3
RO	64.7	28.4	80.5	50.3	61.8	29.3	74.4	51.0	-2.9	1.0	-6.1	0.7
SI	72.7	42.0	88.1	45.1	71.5	41.0	88.1	48.4	-1.3	-1.0	-0.1	3.3
SK	69.0	31.0	85.7	53.1	72.0	34.4	88.1	54.3	3.0	3.4	2.4	1.1
FI	72.3	46.1	86.0	55.4	75.6	48.2	88.1	62.9	3.4	2.0	2.1	7.5
SE	76.6	41.9	89.1	73.3	79.4	46.4	89.9	78.1	2.7	4.5	0.9	4.8
UK	77.4	54.5	88.2	66.6	78.0	54.4	87.4	70.5	0.6	-0.1	-0.8	3.9
NO	79.5	53.0	89.1	74.0	75.3	51.7	85.7	66.0	-4.3	-1.3	-3.4	-8.0
EU27	72.6	40.8	86.8	54.2	74.6	43.6	87.0	64.2	2.0	2.8	0.2	10.0
EA	73.2	41.9	87.4	51.5	75.2	42.8	88.3	64.5	2.0	1.0	0.9	13.0
EA12	73.2	41.9	87.4	51.5	75.2	42.9	88.3	64.5	2.0	1.0	0.9	13.0
EU15	74.0	44.3	87.5	54.6	75.9	45.6	88.1	66.0	1.9	1.3	0.6	11.4
EU10	66.6	31.8	83.7	45.9	70.1	32.5	84.7	57.3	3.5	0.7	1.0	11.4
EU25	72.7	42.0	86.9	53.3	75.2	44.1	87.7	64.9	2.4	2.2	0.8	11.6

FEMALES	Total	Young	Prime age	Older	Total	Young	Prime age	Older	Total	Young	Prime age	Older
	(15-64)	(15-24)	(25-54)	(55-64)	(15-64)	(15-24)	(25-54)	(55-64)	(15-64)	(15-24)	(25-54)	(55-64)
BE	55.5	25.4	72.3	26.2	61.4	27.1	76.9	45.5	5.8	1.6	4.6	19.3
BG	57.7	24.0	75.4	35.3	62.3	25.1	79.6	41.5	4.6	1.1	4.2	6.2
CZ	57.4	24.0	74.8	34.0	64.3	24.2	76.3	61.1	7.0	0.2	1.5	27.1
DK	73.2	64.2	82.4	52.8	76.3	66.9	83.0	65.2	3.1	2.7	0.6	12.4
DE	64.0	43.5	75.2	43.4	71.8	45.8	80.8	66.3	7.7	2.4	5.6	22.9
EE	66.0	30.2	80.1	60.9	69.3	32.9	81.3	64.7	3.3	2.6	1.2	3.8
IE	60.6	47.9	69.5	39.6	68.1	45.7	75.8	66.6	7.5	-2.2	6.3	27.1
EL	48.0	19.9	60.8	27.2	55.4	21.1	69.3	43.3	7.4	1.2	8.5	16.1
ES	54.8	34.1	65.7	30.2	67.2	34.8	76.1	68.5	12.4	0.7	10.4	38.4
FR	60.0	28.7	76.2	36.6	63.4	30.6	80.0	44.9	3.4	1.9	3.8	8.3
IT	46.6	19.7	59.6	22.9	52.8	20.1	62.8	49.4	6.2	0.4	3.3	26.5
CY	61.6	37.1	75.4	40.1	70.4	36.5	85.1	53.9	8.8	-0.6	9.6	13.8
LV	64.5	33.1	79.1	52.8	67.3	35.4	80.0	54.4	2.8	2.3	0.9	1.6
LT	62.3	21.3	80.8	47.8	64.6	22.9	79.7	53.6	2.3	1.6	-1.1	5.8
LU	55.0	19.7	70.3	27.2	58.1	21.2	73.8	43.6	3.2	1.5	3.5	16.4
HU	50.8	18.0	67.9	25.9	56.8	18.3	71.4	45.5	6.1	0.3	3.5	19.6
MT	37.0	47.2	41.8	12.6	41.6	48.0	45.9	25.1	4.5	0.8	4.1	12.5
NL	69.7	67.9	78.7	40.5	75.3	69.4	84.6	54.3	5.6	1.5	5.9	13.8
AT	64.5	52.1	77.5	28.4	69.6	54.0	81.2	48.9	5.1	1.9	3.8	20.6
PL	50.6	22.9	68.8	19.6	57.0	24.7	73.8	34.2	6.5	1.8	5.1	14.6
PT	61.9	31.1	74.9	44.2	68.2	32.3	80.3	62.2	6.3	1.2	5.4	18.1
RO	52.8	20.5	68.5	33.6	53.3	21.0	67.5	38.1	0.5	0.5	-1.0	4.6
SI	62.7	31.2	82.4	21.9	65.6	31.0	81.6	47.1	2.9	-0.2	-0.8	25.2
SK	53.4	24.5	71.4	21.6	61.5	26.0	76.2	46.6	8.1	1.6	4.8	24.9
FI	68.8	44.6	80.7	55.9	73.4	47.4	84.0	65.7	4.7	2.8	3.3	9.8
SE	71.8	41.8	83.0	67.3	75.7	46.6	86.6	69.2	3.9	4.8	3.7	1.9
UK	65.5	51.6	74.6	49.2	70.7	51.8	77.4	67.3	5.2	0.2	2.8	18.1
NO	74.1	56.0	82.3	64.3	74.2	55.2	83.7	63.3	0.2	-0.8	1.4	-1.0
EU27	58.4	34.5	71.5	36.1	65.1	37.2	76.4	55.7	6.7	2.7	4.9	19.6
EA	57.8	35.1	70.4	33.9	64.9	35.5	76.6	56.0	7.1	0.4	6.2	22.1
EA12	57.8	35.1	70.3	34.0	64.9	35.5	76.5	56.1	7.1	0.4	6.2	22.1
EU15	59.4	38.5	71.4	37.5	66.4	39.5	77.1	58.5	7.0	1.0	5.7	21.0
EU10	53.3	23.9	71.1	25.3	60.2	24.8	75.5	43.6	7.0	0.9	4.5	18.4
EU25	58.4	35.7	71.3	35.4	65.7	37.8	76.9	56.6	7.3	2.1	5.6	21.2

Source: Commission services.

Table A 133 – Decomposition of GDP growth, 2007-2060

	GDP growth in 2007-2060	Due to growth in :								GDP per capita growth in 2007-2060
		Productivity *(GDP per hour worked)*	*TFP*	*Capital deepening*	***Labour input***	*Total population*	*Employment rate*	*Share of Working age population*	*change in average hours worked*	
Country	**1=2+5**	**2=3+4**	*3*	*4*	**5=6+7+8+9**	*6*	*7*	*8*	*9*	**10=1-6**
BE	**1.8**	**1.7**	1.1	0.6	**0.2**	0.3	0.0	-0.2	-0.01	**1.5**
BG	**1.9**	**2.7**	1.5	1.3	**-0.8**	-0.6	0.1	-0.3	0.01	**2.5**
CZ	**1.8**	**2.2**	1.4	0.8	**-0.4**	-0.1	0.0	-0.3	-0.02	**1.9**
DK	**1.7**	**1.7**	1.1	0.6	**0.0**	0.2	0.0	-0.1	-0.02	**1.6**
DE	**1.2**	**1.7**	1.1	0.6	**-0.5**	-0.3	0.1	-0.3	-0.03	**1.5**
EE	**2.1**	**2.6**	1.5	1.2	**-0.6**	-0.3	0.0	-0.3	0.01	**2.4**
IE	**2.4**	**1.8**	1.1	0.6	**0.7**	0.9	0.0	-0.2	-0.03	**1.5**
EL	**1.8**	**2.0**	1.2	0.8	**-0.2**	0.0	0.1	-0.3	0.00	**1.8**
ES	**1.9**	**1.8**	1.1	0.7	**0.1**	0.3	0.2	-0.3	-0.05	**1.6**
FR	**1.8**	**1.7**	1.1	0.6	**0.1**	0.3	0.0	-0.2	-0.02	**1.5**
IT	**1.4**	**1.6**	1.0	0.5	**-0.1**	0.0	0.1	-0.3	-0.01	**1.4**
CY	**2.8**	**1.9**	1.2	0.7	**0.8**	1.0	0.0	-0.2	-0.02	**1.7**
LV	**1.8**	**2.7**	1.5	1.1	**-0.9**	-0.6	0.0	-0.3	0.00	**2.3**
LT	**1.8**	**2.6**	1.5	1.1	**-0.8**	-0.5	0.0	-0.3	0.03	**2.3**
LU	**2.6**	**1.7**	1.1	0.7	**0.9**	0.8	0.2	-0.1	-0.02	**1.8**
HU	**1.7**	**2.3**	1.4	0.9	**-0.5**	-0.3	0.0	-0.3	-0.01	**2.0**
MT	**1.7**	**1.9**	1.2	0.7	**-0.2**	0.0	0.1	-0.3	-0.04	**1.7**
NL	**1.5**	**1.7**	1.1	0.6	**-0.2**	0.0	0.0	-0.2	-0.04	**1.5**
AT	**1.7**	**1.7**	1.1	0.6	**0.0**	0.2	0.0	-0.2	-0.02	**1.5**
PL	**1.7**	**2.4**	1.4	1.0	**-0.7**	-0.4	0.1	-0.4	-0.01	**2.1**
PT	**1.8**	**1.9**	1.2	0.7	**-0.1**	0.1	0.1	-0.3	-0.02	**1.7**
RO	**2.0**	**2.9**	1.6	1.2	**-0.8**	-0.5	-0.1	-0.3	0.04	**2.5**
SI	**1.6**	**2.2**	1.3	1.0	**-0.6**	-0.2	0.0	-0.4	-0.01	**1.8**
SK	**2.0**	**2.6**	1.6	1.0	**-0.6**	-0.3	0.0	-0.4	0.01	**2.3**
FI	**1.7**	**1.8**	1.2	0.6	**-0.1**	0.1	0.1	-0.2	-0.02	**1.7**
SE	**1.9**	**1.7**	1.1	0.6	**0.2**	0.3	0.0	-0.2	0.00	**1.6**
UK	**2.1**	**1.8**	1.1	0.7	**0.3**	0.5	0.0	-0.2	-0.04	**1.6**
NO	**2.0**	**1.7**	1.1	0.6	**0.3**	0.5	0.0	-0.1	0.00	**1.5**
EU27	**1.7**	**1.8**	1.1	0.7	**-0.1**	0.1	0.1	-0.3	-0.03	**1.6**
EA	**1.6**	**1.7**	1.1	0.6	**-0.1**	0.1	0.1	-0.3	-0.02	**1.5**
EA12	**1.6**	**1.7**	1.1	0.6	**-0.1**	0.1	0.1	-0.3	-0.02	**1.5**
EU15	**1.7**	**1.7**	1.1	0.6	**0.0**	0.2	0.1	-0.2	-0.02	**1.6**
EU10	**1.8**	**2.4**	1.4	1.0	**-0.6**	-0.3	0.1	-0.3	-0.01	**2.1**
EU25	**1.7**	**1.8**	1.1	0.7	**-0.1**	0.1	0.1	-0.3	-0.03	**1.6**

Source: Commission services.

Table A 134 – The cost of ageing overview – Baseline scenario (as % of GDP)

	Pensions			Health care			Long-term care			Unemployment benefits			Education			Total of all available items*		
	Level	Change	Change	Level	Change	Change	Level	Change	Change	Level	Change	Change	Level	Change	Change	Level	Change	Change
		2007	2007		2007	2007		2007	2007		2007	2007		2007	2007		2007	2007
	2060	2020	2060	2060	2020	2060	2060	2020	2060	2060	2020	2060	2060	2020	2060	2060	2020	2060
BE	14.7	4.4	4.8	8.8	1.0	1.2	2.9	0.7	1.4	1.5	-0.4	-0.4	5.5	-0.1	0.0	33.4	5.6	6.9
BG	11.3	0.7	3.0	5.4	0.6	0.7	0.4	0.1	0.2	0.1	0.0	0.0	3.0	-0.5	-0.2	20.2	0.8	3.7
CZ	11.0	-0.2	3.3	8.4	1.4	2.2	0.7	0.2	0.4	0.1	0.0	0.0	3.2	-0.5	-0.3	23.4	0.9	5.5
DK	9.2	1.4	0.1	6.9	0.8	1.0	3.2	1.1	1.5	0.8	-0.2	-0.2	7.2	0.4	0.2	27.4	3.6	2.6
DE	12.8	1.4	2.3	9.2	1.4	1.8	2.4	0.7	1.4	0.6	-0.3	-0.3	3.5	-0.5	-0.4	28.4	2.6	4.8
EE	4.9	-0.2	-0.7	6.1	0.7	1.2	0.1	0.0	0.1	0.0	0.0	0.0	3.5	-0.4	-0.2	14.7	0.1	0.4
IE	11.3	2.8	6.1	7.6	0.9	1.8	2.2	0.4	1.3	0.8	0.1	0.1	4.2	-0.4	-0.3	26.2	3.7	8.9
EL	24.1	7.7	12.4	6.4	0.9	1.4	3.6	0.8	2.2	0.2	-0.1	-0.1	3.7	-0.3	0.0	37.9	9.1	15.9
ES	15.1	3.4	6.7	7.2	1.0	1.6	1.4	0.5	0.9	0.9	-0.4	-0.4	3.6	-0.3	0.1	28.3	4.3	9.0
FR	14.0	1.4	1.0	9.4	1.0	1.2	2.2	0.5	0.8	0.9	-0.3	-0.3	4.6	0.0	0.0	31.2	2.7	2.7
IT	13.6	1.2	-0.4	6.9	0.9	1.1	3.0	0.5	1.3	0.3	0.0	0.0	3.8	-0.6	-0.3	27.6	2.0	1.6
CY	17.7	5.4	11.4	3.3	0.4	0.6	0.0	0.0	0.0	0.2	-0.1	-0.1	5.0	-1.2	-1.2	26.2	4.5	10.8
LV	5.1	0.7	-0.4	4.1	0.4	0.6	0.9	0.2	0.5	0.2	0.0	0.0	3.3	-0.6	-0.3	13.6	0.6	0.4
LT	11.4	1.9	4.6	5.6	0.7	1.1	1.1	0.2	0.6	0.0	0.0	0.0	3.1	-1.0	-0.9	21.2	1.8	5.4
LU	23.9	8.0	15.2	7.0	0.9	1.2	3.4	0.7	2.0	0.4	0.0	0.0	3.3	-0.5	-0.5	38.0	9.1	18.0
HU	13.8	0.6	3.0	7.0	0.7	1.3	0.6	0.1	0.4	0.2	-0.1	-0.1	4.0	-0.7	-0.4	25.7	0.7	4.1
MT	13.4	2.5	6.2	8.0	2.2	3.3	2.6	0.9	1.6	0.3	0.0	0.0	4.0	-1.2	-1.0	28.4	4.4	10.2
NL	10.5	3.4	4.0	5.8	0.9	1.0	8.1	2.8	4.7	1.0	-0.1	-0.1	4.4	-0.2	-0.2	29.9	6.9	9.4
AT	13.6	1.2	0.9	8.0	1.2	1.5	2.5	0.6	1.2	0.6	0.0	0.0	4.3	-0.6	-0.5	29.0	2.3	3.1
PL	8.8	-2.3	-2.8	5.0	0.7	1.0	1.1	0.2	0.7	0.1	-0.1	-0.1	3.2	-1.3	-1.2	18.1	-2.7	-2.4
PT	13.4	0.9	2.1	9.1	1.0	1.9	0.2	0.0	0.1	0.8	-0.4	-0.4	4.3	-0.6	-0.3	27.8	1.1	3.4
RO	15.8	5.0	9.2	4.9	0.7	1.4	0.0	0.0	0.0	0.2	0.0	0.0	2.3	-0.6	-0.5	23.2	5.0	10.1
SI	18.6	4.9	8.8	8.5	1.4	1.9	2.9	0.9	1.8	0.2	0.0	0.0	5.6	-0.2	0.4	35.8	6.9	12.8
SK	10.2	1.0	3.4	7.2	1.5	2.3	0.6	0.1	0.4	0.1	-0.1	-0.1	2.3	-1.0	-0.8	20.4	1.6	5.2
FI	13.4	3.9	3.3	6.5	0.9	1.0	4.4	1.7	2.6	1.0	-0.2	-0.2	5.4	-0.2	-0.3	30.5	6.1	6.3
SE	9.4	-0.1	-0.1	8.0	0.6	0.8	5.8	1.3	2.3	0.9	-0.1	-0.1	5.8	-0.3	-0.3	29.7	1.5	2.6
UK	9.3	1.3	2.7	9.4	1.2	1.9	1.3	0.3	0.5	0.2	0.0	0.0	3.8	0.0	-0.1	24.0	2.7	5.1
NO	13.6	4.3	4.7	7.0	1.0	1.3	4.9	1.2	2.7	0.4	0.2	0.2	8.1	0.1	0.1	33.9	6.8	9.0
EA12	13.9	2.1	2.8	8.1	1.0	1.4	2.7	0.7	1.4	0.8	-0.2	-0.2	4.1	-0.3	-0.2	29.5	3.3	5.2
EU27	12.6	1.7	2.4	8.2	1.0	1.5	2.4	0.6	1.1	0.6	-0.2	-0.2	4.1	-0.3	-0.2	27.8	2.7	4.7
EU15	12.7	1.8	2.4	8.4	1.0	1.5	2.5	0.6	1.2	0.6	-0.2	-0.2	4.1	-0.3	-0.1	28.3	3.0	4.8
EU10	10.7	-0.5	1.0	6.2	0.9	1.4	0.9	0.2	0.6	0.1	0.0	0.0	3.4	-1.0	-0.8	21.4	-0.4	2.1
EU25	12.5	1.6	2.3	8.3	1.0	1.5	2.4	0.6	1.2	0.6	-0.2	-0.2	4.1	-0.3	-0.2	27.9	2.7	4.7
EA16	13.9	2.1	2.8	8.1	1.0	1.4	2.7	0.7	1.4	0.8	-0.2	-0.2	4.1	-0.3	-0.2	29.5	3.2	5.2
EU12	11.5	0.4	2.3	6.0	0.8	1.3	0.8	0.2	0.5	0.1	0.0	0.0	3.2	-0.9	-0.7	21.6	0.4	3.4

Source: Commission services.

Table A 135 - The cost of ageing overview – High life expectancy (1 year) scenario – Difference with Baseline (as % of GDP)

	Pensions			Health care			Long-term care			Unemployment benefits			Education			Total of all available items*		
	Level	Change	Change	Level	Change	Change	Level	Change	Change	Level	Change	Change	Level	Change	Change	Level	Change	Change
		2007	2007		2007	2007		2007	2007		2007	2007		2007	2007		2007	2007
	2060	2020	2060	2060	2020	2060	2060	2020	2060	2060	2020	2060	2060	2020	2060	2060	2020	2060
BE	0.4	0.0	0.4	0.5	0.1	0.5	-0.3	-0.3	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.5	-0.2	0.5
BG	0.3	0.0	0.3	0.3	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.6
CZ	0.3	0.0	0.3	0.5	0.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.1	0.7
DK	0.2	0.0	0.2	0.4	0.1	0.4	-0.3	-0.4	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2	-0.3	0.2
DE	0.2	0.0	0.2	0.5	0.1	0.5	-0.1	-0.2	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.6
EE	0.1	-0.1	0.1	0.5	0.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.5
IE	0.2	0.0	0.2	0.4	0.1	0.4	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.5
EL	0.3	-0.1	0.3	0.3	0.1	0.3	-0.3	-0.3	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	-0.3	0.3
ES	0.3	0.0	0.3	0.3	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.1	0.7
FR	0.4	0.0	0.4	0.4	0.1	0.4	-0.2	-0.2	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.6	-0.1	0.6
IT	0.1	0.0	0.1	0.3	0.1	0.3	-0.3	-0.3	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.2	0.2
CY	0.2	0.0	0.2	0.3	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.1	0.5
LV	0.1	0.0	0.1	0.3	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.3
LT	0.3	0.0	0.3	0.4	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.1	0.7
LU	0.4	0.0	0.4	0.4	0.1	0.4	-0.2	-0.2	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.6	-0.1	0.6
HU	0.3	0.0	0.3	0.7	0.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.4	1.2
MT	0.4	0.0	0.4	0.6	0.2	0.8	-0.3	-0.2	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.8
NL	0.3	0.0	0.3	0.3	0.1	0.3	-0.8	-0.7	-0.8	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.6	-0.2
AT	0.4	0.3	0.4	0.4	0.1	0.4	-0.2	-0.2	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.6
PL	0.1	0.0	0.1	0.6	0.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.1	0.7
PT	0.4	0.0	0.4	0.6	0.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.1	0.9
RO	0.5	0.0	0.5	0.4	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.2	0.9
SI	0.6	0.0	0.6	0.4	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.1	1.0
SK	0.3	0.0	0.3	0.4	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.1	0.7
FI	0.1	0.0	0.1	0.5	0.1	0.5	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.7
SE	0.2	0.0	0.2	0.4	0.1	0.4	-0.6	-0.6	-0.6	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.5	-0.1
UK	0.4	0.0	0.4	0.6	0.1	0.6	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.9
NO	0.2	0.2	0.2	0.7	0.2	0.6	-0.2	-0.2	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.1	0.6
EA12	0.3	0.0	0.3	0.4	0.1	0.4	-0.2	-0.2	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.5	-0.1	0.5
EU27	0.3	0.0	0.3	0.5	0.1	0.5	-0.2	-0.2	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.6	-0.1	0.6
EU15	0.3	0.0	0.3	0.5	0.1	0.5	-0.2	-0.2	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.6	-0.1	0.6
EU10	0.2	0.0	0.2	0.6	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.2	0.8
EU25	0.3	0.0	0.3	0.5	0.1	0.5	-0.2	-0.2	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.6	-0.1	0.6
EA16	0.3	0.0	0.3	0.4	0.1	0.4	-0.2	-0.2	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.5	-0.1	0.5
EU12	0.3	0.0	0.3	0.5	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.2	0.8

Source: Commission services.

Table A 136 - The cost of ageing overview – Zero migration scenario – Difference with Baseline (as % of GDP)

	Pensions			Health care			Long-term care			Unemployment benefits			Education			Total of all available items*		
	Level	Change	Change	Level	Change	Change	Level	Change	Change	Level	Change	Change	Level	Change	Change	Level	Change	Change
		2007	2007		2007	2007		2007	2007		2007	2007		2007	2007		2007	2007
	2060	2020	2060	2060	2020	2060	2060	2020	2060	2060	2020	2060	2060	2020	2060	2060	2020	2060
BE	2.1	0.7	2.1	1.2	0.3	1.2	0.1	-0.2	0.1	0.0	0.0	0.0	-0.1	0.0	-0.1	3.3	0.8	3.3
BG	0.2	0.0	0.2	0.3	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	0.5	0.1	0.5
CZ	1.5	0.2	1.5	1.1	0.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	2.5	0.4	2.5
DK	0.9	0.2	0.9	0.7	0.1	0.7	-0.1	-0.3	-0.1	0.0	0.0	0.0	-0.2	-0.1	-0.2	1.4	-0.1	1.4
DE	1.9	0.2	1.9	1.5	0.3	1.6	0.3	-0.2	0.3	0.0	0.0	0.0	-0.2	-0.1	-0.2	3.5	0.3	3.5
EE	0.1	0.0	0.1	0.5	0.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	0.5	0.1	0.5
IE	1.7	0.5	1.7	0.8	0.2	0.8	0.1	0.0	0.1	0.0	0.0	0.0	-0.2	-0.1	-0.2	2.4	0.6	2.4
EL	3.6	0.3	3.7	1.2	0.2	1.2	0.4	-0.2	0.4	0.0	0.0	0.0	-0.2	-0.1	-0.2	5.0	0.2	5.0
ES	3.0	0.9	3.0	1.2	0.2	1.2	0.3	0.1	0.3	0.0	0.0	0.0	-0.2	-0.2	-0.2	4.3	1.1	4.3
FR	0.9	0.3	0.9	0.7	0.2	0.7	-0.1	-0.2	-0.1	0.0	0.0	0.0	-0.1	0.0	-0.1	1.4	0.3	1.4
IT	2.1	0.9	2.1	1.1	0.3	1.1	0.3	-0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	3.5	1.0	3.6
CY	9.5	1.2	9.5	1.1	0.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.4	-0.2	-0.4	10.3	1.2	10.3
LV	0.1	0.0	0.1	0.3	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.3
LT	-0.2	0.0	-0.2	0.2	0.1	0.2	-0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	-0.2
LU	11.3	1.4	11.3	2.1	0.4	2.1	1.6	0.0	1.6	0.0	0.0	0.0	-0.3	-0.1	-0.3	14.6	1.7	14.6
HU	1.4	0.3	1.4	1.2	0.5	1.3	0.1	0.0	0.1	0.0	0.0	0.0	-0.1	0.0	-0.1	2.5	0.7	2.6
MT	2.3	0.3	2.3	1.5	0.3	1.6	0.0	-0.2	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	3.6	0.4	3.8
NL	1.0	0.1	1.0	0.6	0.1	0.6	-0.2	-0.6	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.4	-0.4	1.4
AT	5.3	0.8	5.3	2.1	0.4	2.1	0.5	-0.1	0.5	0.0	0.0	0.0	-0.3	-0.2	-0.3	7.5	0.8	7.5
PL	0.2	0.0	0.2	0.7	0.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.1	0.8
PT	2.9	0.6	2.9	1.8	0.3	1.8	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.1	-0.2	4.5	0.7	4.5
RO	0.5	0.0	0.5	0.5	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.2	0.9
SI	3.0	0.3	3.0	1.2	0.1	1.2	0.2	0.0	0.2	0.0	0.0	0.0	-0.5	-0.2	-0.5	3.9	0.2	3.9
SK	0.5	0.0	0.5	0.4	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.1	0.9
FI	0.6	0.3	0.6	0.6	0.2	0.6	-0.1	-0.2	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.3	1.1
SE	0.7	0.4	0.7	0.8	0.2	0.8	0.1	-0.5	0.1	0.0	0.0	0.0	-0.1	-0.1	-0.1	1.5	0.1	1.5
UK	2.3	0.4	2.3	2.0	0.4	2.0	0.2	0.0	0.2	0.0	0.0	0.0	-0.1	0.0	-0.1	4.5	0.8	4.5
NO	1.3	0.7	1.3	0.4	0.1	0.4	0.3	-0.2	0.3	0.0	0.0	0.0	-0.2	-0.1	-0.2	1.7	0.6	1.7
EA12	1.8	0.5	1.8	1.1	0.2	1.1	0.2	-0.2	0.2	0.0	0.0	0.0	-0.1	0.0	-0.1	3.1	0.6	3.1
EU27	1.8	0.5	1.8	1.2	0.3	1.2	0.2	-0.1	0.2	0.0	0.0	0.0	-0.1	0.0	-0.1	3.1	0.5	3.1
EU15	1.9	0.5	1.9	1.3	0.3	1.3	0.2	-0.2	0.2	0.0	0.0	0.0	-0.1	0.0	-0.1	3.3	0.6	3.3
EU10	0.6	0.1	0.6	0.7	0.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	1.2	0.3	1.3
EU25	1.8	0.5	1.8	1.2	0.3	1.3	0.2	-0.1	0.2	0.0	0.0	0.0	-0.1	0.0	-0.1	3.1	0.5	3.1
EA16	1.8	0.5	1.8	1.1	0.2	1.1	0.2	-0.2	0.2	0.0	0.0	0.0	-0.1	0.0	-0.1	3.1	0.6	3.1
EU12	0.7	0.1	0.7	0.6	0.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	1.2	0.2	1.2

Source: Commission services.

Table A 137 - The cost of ageing overview – Higher employment rate (+1p.p.) scenario – Difference with Baseline (as % of GDP)

	Pensions			Health care			Long-term care			Unemployment benefits			Education			Total of all available items*		
	Level	Change	Change	Level	Change	Change	Level	Change	Change	Level	Change	Change	Level	Change	Change	Level	Change	Change
		2007	2007		2007	2007		2007	2007		2007	2007		2007	2007		2007	2007
	2060	2020	2060	2060	2020	2060	2060	2020	2060	2060	2020	2060	2060	2020	2060	2060	2020	2060
BE	-0.2	-0.2	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.2	-0.2	-0.1	-0.1	-0.1	-0.6	-0.5	-0.6
BG	-0.3	-0.2	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.3	-0.3	-0.3
CZ	0.2	-0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.3	-0.2	0.3
DK	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.3	-0.3	-0.3	-0.1	-0.1	-0.1	-0.5	-0.6	-0.5
DE	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	0.0	0.0	0.0	-0.3	-0.3	-0.3
EE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0
IE	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.2	-0.2	-0.1	-0.1	-0.1	-0.4	-0.4	-0.4
EL	-0.3	-0.3	-0.2	0.0	0.0	0.0	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	0.0	-0.1	-0.4	-0.4	-0.4
ES	-0.2	-0.1	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.2	-0.2	0.0	0.0	0.0	-0.5	-0.4	-0.5
FR	-0.2	-0.2	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.2	-0.2	-0.1	-0.1	-0.1	-0.5	-0.5	-0.5
IT	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.2	-0.3	-0.2
CY	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.3	-0.3	-0.3
LV	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	0.0	0.0	0.0	-0.1	-0.1	-0.1
LT	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.2	-0.2
LU	0.0	-0.2	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	0.0	0.0	0.0	-0.3	-0.4	-0.3
HU	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.2	-0.3	-0.2
MT	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.2	-0.3	-0.2
NL	-0.1	-0.1	-0.1	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.4	-0.4	-0.4	-0.1	-0.1	-0.1	-0.7	-0.6	-0.7
AT	-0.3	-0.3	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.2	-0.2	-0.1	-0.1	-0.1	-0.5	-0.5	-0.5
PL	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.2	-0.1
PT	-0.2	-0.1	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.2	-0.2	-0.1	-0.1	-0.1	-0.4	-0.4	-0.4
RO	-0.3	-0.1	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	0.0	0.0	0.0	-0.3	-0.2	-0.3
SI	-0.2	-0.1	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.4	-0.3	-0.4
SK	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1
FI	-0.1	-0.2	-0.1	0.0	0.0	0.0	-0.1	0.0	-0.1	-0.2	-0.2	-0.2	-0.1	-0.1	-0.1	-0.5	-0.5	-0.5
SE	-0.1	-0.1	-0.1	0.0	0.0	0.0	-0.1	0.0	-0.1	-0.2	-0.2	-0.2	-0.1	-0.1	-0.1	-0.4	-0.4	-0.4
UK	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	-0.2	-0.2	-0.2
NO	-0.3	-0.1	-0.3	0.0	0.0	0.0	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.6	-0.4	-0.6
EA12	-0.1	-0.2	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.2	-0.2	-0.1	-0.1	-0.1	-0.4	-0.4	-0.4
EU27	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.1	-0.1	-0.1	-0.1	-0.1	-0.3	-0.4	-0.3
EU15	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.2	-0.2	-0.1	-0.1	-0.1	-0.4	-0.4	-0.4
EU10	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.2	-0.1
EU25	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.2	-0.1	-0.1	-0.1	-0.1	-0.3	-0.4	-0.3
EA16	-0.1	-0.2	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.2	-0.2	-0.1	-0.1	-0.1	-0.4	-0.4	-0.4
EU12	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.2	-0.1

Source: Commission services.

Table A 138 - The cost of ageing overview – Higher employment rate (+5p.p.) for older workers scenario – Difference with Baseline (as % of GDP)

	Pensions			Health care			Long-term care			Unemployment benefits			Education			Total of all available items*		
	Level	Change	Change	Level	Change	Change	Level	Change	Change	Level	Change	Change	Level	Change	Change	Level	Change	Change
		2007	2007		2007	2007		2007	2007		2007	2007		2007	2007		2007	2007
	2060	2020	2060	2060	2020	2060	2060	2020	2060	2060	2020	2060	2060	2020	2060	2060	2020	2060
BE	-0.4	-0.4	-0.4	0.01	0.01	0.01	-0.04	-0.02	-0.04	0.00	0.00	0.00	-0.08	-0.08	-0.08	-0.49	-0.46	-0.49
BG	0.2	-0.1	0.2	0.01	0.01	0.01	-0.01	0.00	-0.01	0.00	0.00	0.00	-0.04	-0.04	-0.04	0.12	-0.16	0.12
CZ	1.0	0.0	1.0	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.03	-0.02	0.99	-0.04	0.99
DK	-0.1	-0.1	-0.1	0.01	0.01	0.01	-0.04	-0.03	-0.04	-0.01	-0.01	-0.01	-0.09	-0.10	-0.09	-0.24	-0.26	-0.24
DE	-0.1	-0.1	-0.1	0.01	0.01	0.01	-0.03	-0.02	-0.03	-0.01	-0.01	-0.01	-0.05	-0.05	-0.05	-0.14	-0.18	-0.14
EE	0.0	0.0	0.0	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	-0.04	-0.04	-0.01	-0.05	-0.01
IE	-0.1	-0.1	-0.1	0.01	0.01	0.01	-0.02	-0.01	-0.02	-0.01	-0.01	-0.01	-0.05	-0.04	-0.05	-0.21	-0.12	-0.21
EL	-0.3	-0.3	-0.3	0.01	0.01	0.01	-0.05	-0.03	-0.05	0.00	0.00	0.00	-0.06	-0.05	-0.06	-0.41	-0.39	-0.37
ES	0.0	-0.2	0.0	0.01	0.01	0.01	-0.02	-0.01	-0.02	-0.01	-0.02	-0.01	-0.05	-0.05	-0.05	-0.10	-0.30	-0.10
FR	-0.4	-0.5	-0.4	0.01	0.01	0.01	-0.03	-0.02	-0.03	-0.01	-0.01	-0.01	-0.06	-0.07	-0.06	-0.53	-0.60	-0.53
IT	0.1	-0.3	0.1	0.01	0.01	0.01	-0.05	-0.03	-0.05	-0.04	0.00	0.00	-0.06	-0.06	-0.06	-0.07	-0.40	-0.04
CY	-0.1	-0.1	-0.1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	-0.05	-0.06	-0.11	-0.12	-0.11
LV	0.0	0.0	0.0	0.00	0.00	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.04	-0.04	-0.04	-0.06	-0.08	-0.06
LT	-0.1	-0.1	-0.1	0.01	0.01	0.01	-0.02	-0.01	-0.02	0.00	0.00	0.00	-0.05	-0.04	-0.05	-0.20	-0.13	-0.20
LU	-0.1	-0.2	-0.1	0.01	0.01	0.01	-0.05	-0.02	-0.05	-0.01	-0.01	-0.01	-0.05	-0.05	-0.05	-0.24	-0.26	-0.23
HU	-0.2	-0.2	-0.2	0.01	0.01	0.01	-0.01	0.00	-0.01	0.00	0.00	0.00	-0.06	-0.05	-0.06	-0.24	-0.27	-0.24
MT	-0.1	-0.1	-0.1	0.01	0.01	0.01	-0.04	-0.02	-0.04	-0.01	-0.01	-0.01	-0.07	-0.06	-0.07	-0.18	-0.22	-0.18
NL	-0.1	-0.1	-0.1	0.01	0.01	0.01	-0.10	-0.05	-0.10	-0.01	-0.01	-0.01	-0.05	-0.06	-0.05	-0.29	-0.21	-0.29
AT	-0.5	-0.3	-0.5	0.01	0.01	0.01	-0.03	-0.02	-0.03	-0.01	-0.01	-0.01	-0.05	-0.06	-0.05	-0.57	-0.35	-0.57
PL	-0.1	-0.1	-0.1	0.01	0.01	0.01	-0.02	-0.01	-0.02	0.00	0.00	0.00	-0.05	-0.04	-0.05	-0.12	-0.16	-0.12
PT	-0.2	-0.1	-0.2	0.01	0.01	0.01	0.00	0.00	0.00	-0.01	-0.01	-0.01	-0.06	-0.05	-0.06	-0.23	-0.18	-0.23
RO	-0.4	-0.2	-0.4	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	-0.03	-0.04	-0.45	-0.20	-0.45
SI	0.1	-0.1	0.1	0.01	0.01	0.01	-0.02	-0.01	-0.02	0.00	0.00	0.00	-0.07	-0.07	-0.07	0.06	-0.19	0.06
SK	-0.1	-0.1	-0.1	0.01	0.01	0.01	-0.01	0.00	-0.01	0.00	0.00	0.00	-0.03	-0.03	-0.03	-0.11	-0.10	-0.11
FI	-0.1	-0.2	-0.1	0.01	0.01	0.01	-0.05	-0.03	-0.05	-0.01	-0.01	-0.01	-0.06	-0.07	-0.06	-0.25	-0.33	-0.25
SE	-0.2	-0.1	-0.2	0.01	0.01	0.01	-0.06	-0.04	-0.06	-0.01	-0.01	-0.01	-0.06	-0.06	-0.06	-0.29	-0.21	-0.29
UK	-0.1	-0.1	-0.1	0.01	0.01	0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.04	-0.04	-0.04	-0.15	-0.13	-0.15
NO	:	:	:	0.01	0.01	0.01	-0.06	-0.03	-0.06	-0.01	0.00	-0.01	-0.10	-0.09	-0.10	:	:	:
EA12	-0.2	-0.3	-0.2	0.01	0.01	0.01	-0.04	-0.02	-0.04	-0.02	-0.01	-0.01	-0.06	-0.06	-0.06	-0.29	-0.33	-0.28
EU27	-0.2	-0.2	-0.2	0.01	0.01	0.01	-0.03	-0.02	-0.03	-0.01	-0.01	-0.01	-0.05	-0.05	-0.05	-0.24	-0.28	-0.23
EU15	-0.2	-0.2	-0.2	0.01	0.01	0.01	-0.03	-0.02	-0.03	-0.01	-0.01	-0.01	-0.05	-0.05	-0.05	-0.26	-0.29	-0.25
EU10	0.1	-0.1	0.1	0.00	0.00	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.05	-0.04	-0.05	0.07	-0.14	0.07
EU25	-0.2	-0.2	-0.2	0.01	0.01	0.01	-0.03	-0.02	-0.03	-0.01	-0.01	-0.01	-0.05	-0.05	-0.05	-0.24	-0.28	-0.23
EA16	-0.2	-0.2	-0.2	0.01	0.01	0.01	-0.04	-0.02	-0.04	-0.01	-0.01	-0.01	-0.06	-0.06	-0.06	-0.29	-0.33	-0.28
EU12	0.0	-0.1	0.0	0.00	0.00	0.00	-0.01	0.00	-0.01	0.00	0.00	0.00	-0.04	-0.04	-0.04	-0.01	-0.15	-0.01

Source: Commission services.

Table A 139 - The cost of ageing overview – Higher labour productivity (+0.25p.p.) scenario – Difference with Baseline (as % of GDP)

	Pensions			Health care			Long-term care			Unemployment benefits			Education			Total of all available items*		
	Level	Change	Change	Level	Change	Change	Level	Change	Change	Level	Change	Change	Level	Change	Change	Level	Change	Change
		2007	2007		2007	2007		2007	2007		2007	2007		2007	2007		2007	2007
	2060	2020	2060	2060	2020	2060	2060	2020	2060	2060	2020	2060	2060	2020	2060	2060	2020	2060
BE	-0.9	-0.1	-0.9	0.04	0.01	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.87	-0.10	-0.87
BG	-0.3	-0.1	-0.3	0.03	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.25	-0.06	-0.25
CZ	-0.2	0.0	-0.2	0.04	0.01	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-0.04	-0.16
DK	0.0	0.0	0.0	0.03	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.02
DE	0.0	0.0	0.0	0.05	0.01	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.05	0.09
EE	-0.1	0.0	-0.1	0.03	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-0.02	-0.09
IE	0.0	0.0	0.0	0.04	0.01	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.01	0.04
EL	-2.1	-0.3	-2.0	0.03	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.04	-0.25	-2.00
ES	-1.0	-0.1	-1.0	0.03	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.93	-0.13	-0.93
FR	-0.8	-0.2	-0.8	0.05	0.01	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.74	-0.17	-0.74
IT	-0.5	-0.2	-0.5	0.03	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.47	-0.16	-0.47
CY	-0.7	-0.3	-0.7	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.66	-0.31	-0.66
LV	-0.2	0.0	-0.2	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	-0.04	-0.20
LT	0.0	0.0	0.0	0.03	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01
LU	-0.1	-0.1	-0.1	0.03	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-0.06	-0.09
HU	-0.4	-0.1	-0.4	0.04	0.01	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.33	-0.07	-0.33
MT	-0.7	-0.1	-0.7	0.04	0.01	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.69	-0.09	-0.69
NL	0.0	0.0	0.0	0.03	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01
AT	-1.1	-0.2	-1.1	0.04	0.01	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.10	-0.15	-1.10
PL	-0.4	-0.1	-0.4	0.02	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.39	-0.09	-0.39
PT	-0.7	-0.1	-0.7	0.04	0.01	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.69	-0.13	-0.69
RO	0.0	0.0	0.0	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SI	0.2	0.1	0.2	0.04	0.01	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.14	0.25
SK	-0.1	0.0	-0.1	0.04	0.01	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-0.04	-0.09
FI	-0.4	-0.1	-0.4	0.03	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.41	-0.11	-0.41
SE	-0.1	0.0	-0.1	0.04	0.01	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	-0.02	-0.11
UK	-0.1	0.0	-0.1	0.05	0.01	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	0.04	-0.02
NO	0.0	0.0	0.0	0.03	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	-0.01	0.02
EA12	-0.5	-0.1	-0.5	0.04	0.01	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.51	-0.09	-0.51
EU27	-0.4	-0.1	-0.4	0.04	0.01	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.37	-0.06	-0.37
EU15	-0.4	-0.1	-0.4	0.04	0.01	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.38	-0.06	-0.38
EU10	-0.3	-0.1	-0.3	0.03	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.27	-0.06	-0.27
EU25	-0.4	-0.1	-0.4	0.04	0.01	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.37	-0.06	-0.37
EA16	-0.5	-0.1	-0.5	0.04	0.01	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	-0.08	-0.50
EU12	-0.3	-0.1	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.1	-0.2

Source: Commission services.

Statistical Annex – Country fiches

Belgium EC-EPC (AWG) 2009 projections

Main demographic and macroeconomic assumptions

Demographic projections - EUROPOP2008 (EUROSTAT)	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Fertility rate	0.0	1.75	1.76	1.76	1.77	1.78	1.78	1.79
Life expectancy at birth								
males	7.8	76.7	77.9	78.7	80.2	81.7	83.1	84.4
females	6.6	82.3	83.3	84.0	85.4	86.6	87.8	88.9
Life expectancy at 65								
males	5.2	16.5	17.2	17.7	18.8	19.8	20.7	21.7
females	5.0	20.1	20.8	21.4	22.3	23.3	24.2	25.1
Net migration (thousand)	-27.4	50.7	41.0	36.2	31.4	27.1	25.2	23.3
Net migration as % of population	-0.3	0.5	0.4	0.3	0.3	0.2	0.2	0.2
Population (million)	1.6	10.7	11.1	11.3	11.7	12.0	12.2	12.3
Children population (0-14) as % of total population	-1.3	16.9	16.7	16.7	16.3	15.8	15.7	15.6
Prime age population (25-54) as % of total population	-6.4	42.0	40.4	39.1	37.0	36.4	35.8	35.6
Working age population (15-64) as % of total population	-8.2	66.1	65.0	63.8	60.9	59.2	58.6	57.8
Elderly population (65 and over) as % of total population	9.5	17.0	18.3	19.5	22.9	25.0	25.7	26.5
Very elderly population (80 and over) as % of total population	5.6	4.7	5.4	5.6	6.5	8.4	10.0	10.2
Very elderly population (80 and over) as % of elderly population	11.2	27.5	29.5	28.6	28.2	33.5	38.7	38.6
Very elderly population (80 and over) as % of working age population	10.6	7.1	8.3	8.8	10.6	14.2	17.0	17.7
Macroeconomic assumptions*	AVG 07-60	2007	2015	2020	2030	2040	2050	2060
Potential GDP (growth rate)	1.8	2.5	2.3	1.9	1.6	1.8	1.7	1.7
Employment (growth rate)	0.2	1.3	0.6	0.2	-0.1	0.1	0.0	0.0
Labour input : hours worked (growth rate)	0.2	1.2	0.6	0.1	-0.1	0.1	0.0	0.0
Labour productivity per hour (growth rate)	1.7	1.3	1.7	1.8	1.7	1.7	1.7	1.7
TFP (growth rate)	1.1	0.8	1.1	1.1	1.1	1.1	1.1	1.1
Capital deepening (contribution to labour productivity growth)	0.6	0.5	0.6	0.7	0.6	0.6	0.6	0.6
GDP per capita (growth rate)	1.5	1.8	1.8	1.5	1.3	1.6	1.6	1.6
GDP per worker (growth rate)	1.7	1.2	1.7	1.7	1.7	1.7	1.7	1.7
GDP in 2007 prices (in millions euros)		330.8	400.0	443.1	521.6	617.6	731.4	863.4
Labour force assumptions	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Working age population (15-64) (in thousands)	135	6977	7193	7218	7147	7126	7144	7112
Population growth (working age:15-64)	-1.0	1.0	0.1	0.0	-0.2	0.1	0.0	0.0
Labour force 15-64 (thousands)	262	4698	4998	5036	4960	4970	4977	4960
Participation rate (15-64)	2.4	67.3	69.5	69.8	69.4	69.7	69.7	69.7
young (15-24)	1.2	34.4	36.7	35.9	35.7	35.7	35.8	35.6
prime-age (25-54)	1.4	85.3	86.5	86.6	86.6	86.7	86.7	86.7
older (55-64)	13.0	36.2	46.0	48.9	48.8	49.5	49.4	49.1
Participation rate (15-64) - FEMALES	5.2	60.7	64.5	65.3	65.6	65.9	65.9	65.9
young (15-24)	0.6	32.1	33.8	33.1	32.9	32.8	32.9	32.7
prime-age (25-54)	3.9	78.1	80.9	81.5	81.8	81.9	82.0	81.9
older (55-64)	19.9	27.7	41.3	45.2	47.0	47.8	47.9	47.6
Participation rate (15-64) - MALES	-0.5	73.9	74.4	74.2	73.2	73.5	73.3	73.4
young (15-24)	1.8	36.6	39.5	38.6	38.4	38.5	38.5	38.4
prime-age (25-54)	-1.2	92.5	92.0	91.6	91.4	91.3	91.4	91.3
older (55-64)	5.8	44.8	50.8	52.7	50.7	51.1	50.9	50.6
Employment rate (15-64)	3.1	62.3	64.7	65.4	65.1	65.4	65.4	65.4
Employment rate (20-64)	3.4	67.9	70.2	70.9	70.9	71.3	71.1	71.3
Employment rate (15-71)	1.3	57.2	58.9	59.2	58.1	58.7	58.8	58.5
Unemployment rate (15-64)	-1.3	7.5	6.8	6.2	6.2	6.2	6.2	6.2
Employment (15-64) (in millions)	0.3	4.3	4.7	4.7	4.7	4.7	4.7	4.7
share of young (15-24)	0%	8%	9%	8%	9%	9%	9%	9%
share of prime-age (25-54)	-5%	82%	78%	77%	76%	77%	77%	77%
share of older (55-64)	4%	10%	13%	15%	15%	14%	15%	14%
Dependency ratios:	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Share of older population (55-64) (1)	1.7	18.0	19.7	21.1	20.6	19.7	20.5	19.7
Old-age dependency ratio (2)	20	26	28	31	38	42	44	46
Total dependency ratio (3)	21	51	54	57	64	69	71	73
Total economic dependency ratio (4)	19	143	137	138	150	156	159	162
Economic old-age dependency ratio (15-64) (5)	27	41	42	45	56	63	65	68

Pension expenditure projections

Baseline scenario as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	4.8	10.0	10.9	11.8	13.9	14.6	14.7	14.7
Old-age and early pensions, gross	4.8	9.2	10.1	11.0	13.1	13.9	14.0	14.0
Of which : earnings-related pensions, gross	4.9	9.1	10.0	10.9	13.0	13.8	13.9	14.0
Other pensions (disability, survivors), gross	-0.1	0.8	0.8	0.8	0.8	0.7	0.7	0.7
Occupational pensions, gross	:	:	:	:	:	:	:	:
Private mandatory pensions, gross	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Social security pensions, net	:	:	:	:	:	:	:	:
Social security pensions, contributions	:	:	:	:	:	:	:	:
Social security pensions, assets	-4.7	4.7	13.1	20.8	15.5	0.0	0.0	0.0

Additional indicators	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, net/social sec. Pensions, gross, %	:	:	:	:	:	:	:	:
Pensioners (social security, in 1000 persons)	1755	2548	2870	3126	3655	3992	4180	4303
Pensioners aged 65+ (1000 pers)	1704.0	1875	2139	2348	2896	3266	3430	3579
Share of pensioners below age 65 as % of all pensioners	-10%	26%	25%	25%	21%	18%	18%	17%
Average gross pension (social security - € 1000 in 2007 prices)	16.6	13.0	15.2	16.8	19.8	22.6	25.8	29.6
Benefit ratio (Social security pensions)	-1.6	44.8	47.5	48.2	47.9	46.3	44.6	43.2
Gross replacement rate at retirement (social security pensions)	-3.0	44.7	45.0	45.5	44.2	42.8	42.4	41.7
Contributors (social security pensions, in 1000 persons)	374	4406	4742	4817	4785	4783	4786	4780
Support ratio (contributors/100 pensioners, social security pensions)	-61.8	173	165	154	131	120	114	111
High life expectancy as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.4	0.0	0.0	0.0	0.1	0.2	0.3	0.4
Old-age and early pensions, gross	0.3	0.0	0.0	0.0	0.1	0.2	0.3	0.3
High labour productivity as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.9	0.0	0.0	-0.1	-0.3	-0.6	-0.7	-0.9
Old-age and early pensions, gross	-0.9	0.0	0.0	-0.1	-0.3	-0.5	-0.7	-0.9
Zero migration as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	2.1	0.0	0.4	0.7	1.6	2.3	2.4	2.1
Old-age and early pensions, gross	2.1	0.0	0.3	0.7	1.5	2.2	2.3	2.1
High employment rate (1 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.2	0.0	-0.1	-0.2	-0.2	-0.2	-0.2	-0.2
Old-age and early pensions, gross	-0.2	0.0	-0.1	-0.1	-0.2	-0.2	-0.2	-0.2
High older workers empl. Rate (5 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.4	0.0	-0.2	-0.4	-0.4	-0.4	-0.4	-0.4
Old-age and early pensions, gross	-0.4	0.0	-0.2	-0.3	-0.4	-0.3	-0.4	-0.4
Decomposition of the increase (in p.p.) in pension expenditure (social security) - selected years	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Social security pensions, gross as % of GDP	4.7	10.1	10.9	11.8	13.9	14.6	14.7	14.7
Social security pensions, gross as % of GDP - p.p. ch. from 2007 due to :		0.1	0.9	1.8	3.9	4.6	4.8	4.8
Dependency ratio	7.4	-0.1	0.9	1.8	4.5	6.2	6.7	7.4
Coverage ratio	-1.0	0.1	0.1	0.1	-0.4	-0.8	-0.7	-0.9
Employment effect	-0.5	0.0	-0.4	-0.5	-0.4	-0.5	-0.5	-0.5
Benefit ratio	-1.0	0.0	0.4	0.5	0.4	0.0	-0.6	-1.0
Interaction effect (residual)	-0.3	0.0	0.0	-0.1	-0.2	-0.2	-0.2	-0.3
over selected time periods	2007-2060		2007-2015	2015-2020	2025-2030	2035-2040	2045-2050	2055-2060
Social security pensions, gross as % of GDP	4.8		0.89	0.94	0.90	0.20	0.05	-0.05
Dependency ratio	7.4		0.86	0.93	1.45	0.64	0.29	0.37
Coverage ratio	-0.9		0.06	0.00	-0.36	-0.12	0.02	-0.13
Employment effect	-0.5		-0.38	-0.12	-0.01	-0.04	0.01	-0.04
Benefit ratio	-1.0		0.39	0.15	-0.11	-0.28	-0.26	-0.23
Interaction effect (residual)	-0.25		-0.04	-0.02	-0.08	0.00	-0.02	-0.02

Health care

Health care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	1.2	7.6	7.9	8.1	8.4	8.7	8.8	8.8
Pure ageing scenario	1.5	7.6	7.9	8.0	8.5	8.8	9.0	9.1
Labour intensity scenario	2.1	7.6	7.6	7.9	8.7	9.2	9.5	9.7
Constant health scenario	0.3	7.6	7.7	7.7	7.9	8.1	8.0	7.9
Fast cost growth scenario	2.1	7.6	8.4	8.6	9.1	9.5	9.6	9.7
Cost convergence scenario	:	:	:	:	:	:	:	:
Death-related cost scenario	1.2	7.6	7.7	7.8	8.2	8.6	8.7	8.8
Income elasticity scenario	1.8	7.6	8.0	8.2	8.7	9.1	9.4	9.5

Long-term care

Long-term care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	1.4	1.5	1.6	1.7	2.0	2.5	2.8	2.9
Pure demographic scenario	1.6	1.5	1.6	1.7	2.0	2.6	2.9	3.0
GDP per capita scenario	1.3	1.5	1.7	1.7	2.0	2.4	2.7	2.8
Constant disability scenario	1.2	1.5	1.6	1.6	1.9	2.3	2.6	2.7
GDP per worker fast growth scenario	1.9	1.5	1.8	1.9	2.2	2.8	3.2	3.4
Shift 1% of dependents from informal to home care scenario	1.8	1.5	1.7	1.8	2.2	2.8	3.1	3.3
Shift 1% of dependents from informal to institutional care scenario	2.2	1.5	1.9	2.1	2.5	3.1	3.5	3.7
Shift 1% of dependents from informal to home/institutional care scenario	2.0	1.5	1.8	1.9	2.4	2.9	3.3	3.5

Number of dependent people (in thousands)	% Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	103%	455	523	556	667	800	887	922
of which: receiving formal care	152%	*248*	*300*	*322*	*384*	*494*	*585*	*624*
relying on informal or no care	44%	*207*	*223*	*234*	*283*	*306*	*301*	*298*
Pure demographic scenario	115%	455	528	565	686	835	933	978
of which: receiving formal care	165%	*248*	*303*	*327*	*395*	*513*	*612*	*656*
relying on informal or no care	55%	*207*	*225*	*238*	*291*	*321*	*321*	*321*
Constant disability scenario	90%	455	517	548	647	765	841	866
of which: receiving formal care	139%	*248*	*297*	*318*	*373*	*474*	*559*	*591*
relying on informal or no care	32%	*207*	*220*	*230*	*274*	*291*	*282*	*275*
Shift 1% of dependents from informal to home scenario	115%	455	528	565	686	835	933	978
of which: receiving formal care	205%	*248*	*345*	*383*	*463*	*597*	*705*	*754*
relying on informal or no care	8%	*207*	*183*	*181*	*223*	*238*	*227*	*223*

Education

Education spending as % of GDP - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	-0.04	5.5	5.2	5.1	5.4	5.4	5.4	5.5
Expenditure decomposition (broadly constant) : Transfers (6%) - Staff (80%) - Other (15%)								
Primary	0.01	1.3	1.3	1.3	1.3	1.3	1.3	1.3
Expenditure decomposition (broadly constant) : Transfers (1%) - Staff (86%) - Other (13%)								
Low secondary	:	:	:	:	:	:	:	:
Expenditure decomposition (broadly constant) : Transfers (-%) - Staff (-%) - Other (-%)								
Upper secondary	-0.01	2.9	2.6	2.6	2.8	2.8	2.8	2.9
Expenditure decomposition (broadly constant) : Transfers (3%) - Staff (84%) - Other (13%)								
Tertiary education	-0.04	1.3	1.2	1.2	1.2	1.3	1.3	1.3
Expenditure decomposition (broadly constant) : Transfers (15%) - Staff (64%) - Other (21%)								
Number of students (in thousands)								
Total	170	2404	2418	2450	2533	2545	2550	2574
as % of population 5-24	1%	97%	95%	97%	97%	97%	98%	98%
Primary	61	734	763	776	794	778	789	794
Low secondary	31	428	425	444	452	453	455	459
Upper secondary	60	842	822	830	874	892	890	902
Tertiary education	18	400	407	400	413	421	416	418
Number of teachers (in thousands)								
Total	13	183	184	187	193	194	195	197
Primary	5	58	60	61	63	62	62	63
Low secondary	3	38	38	39	40	40	40	41
Upper secondary	5	69	67	68	72	73	73	74
Tertiary education	1	18	19	18	19	19	19	19

Education spending as % of GDP - Higher compensation per teacher (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.25	-0.2	0.0	0.0	0.1	0.1	0.1	0.1

Education spending as % of GDP - Higher ratio teachers/students (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.76	-0.2	0.2	0.4	0.5	0.5	0.5	0.5

Education spending as % of GDP - Higher attainment rates in tertiary education (45% by 2020) (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.08	0.1	0.2	0.2	0.2	0.2	0.2	0.2

Unemployment benefit

Unemployment benefit - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Unemployment benefit spending as % of GDP	-0.4	1.9	1.7	1.5	1.5	1.5	1.5	1.5

LEGENDA:

*** The potential GDP and its components is used to estimate the rate of potential output growth, net of normal cyclical variations**

(1) Share of older population = Population aged 55 to 64 as % of population aged 15-64

(2) Old-age dependency ratio = Population aged 65 and over as a percentage of the population aged 15-64

(3) Total dependency ratio = Population under 15 and over 64 as a percentage of the population aged 15-64

(4) Total economic dependency ratio = Total population less employed as % of employed population 15-64

(5) Economic old-age dependency ratio (15-64) = Inactive population aged 65+ as % of employed population 15-64

NB: : = data not provided

Source : Commission Services (DG ECFIN), Eurostat (EUROPOP2008), EPC (AWG).

Bulgaria EC-EPC (AWG) 2009 projections

Main demographic and macroeconomic assumptions

Demographic projections - EUROPOP2008 (EUROSTAT)	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Fertility rate	0.2	1.38	1.41	1.42	1.46	1.49	1.52	1.55
Life expectancy at birth								
males	11.9	69.7	71.6	72.8	75.3	77.5	79.6	81.6
females	9.8	76.7	78.2	79.3	81.3	83.1	84.9	86.5
Life expectancy at 65								
males	6.9	13.1	14.1	14.8	16.1	17.5	18.8	20.0
females	7.0	16.1	17.1	17.8	19.2	20.5	21.8	23.1
Net migration (thousand)	0.2	-1.4	1.7	0.2	-0.5	2.5	1.6	-1.2
Net migration as % of population	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Population (million)	-2.2	7.6	7.4	7.2	6.8	6.3	5.9	5.5
Children population (0-14) as % of total population	-1.4	13.4	14.2	14.3	12.6	12.0	12.3	12.0
Prime age population (25-54) as % of total population	-9.4	42.8	43.3	42.8	39.3	35.9	33.2	33.4
Working age population (15-64) as % of total population	-15.4	69.3	67.0	65.4	64.2	61.3	56.4	53.8
Elderly population (65 and over) as % of total population	16.9	17.3	18.9	20.3	23.3	26.7	31.3	34.2
Very elderly population (80 and over) as % of total population	9.3	3.6	4.4	4.6	6.1	8.0	9.6	12.8
Very elderly population (80 and over) as % of elderly population	16.9	20.6	23.1	22.5	26.2	29.9	30.7	37.5
Very elderly population (80 and over) as % of working age population	18.7	5.1	6.5	7.0	9.5	13.0	17.0	23.8
Macroeconomic assumptions*	AVG 07-60	2007	2015	2020	2030	2040	2050	2060
Potential GDP (growth rate)	1.9	6.4	3.0	2.4	1.7	1.4	0.3	0.8
Employment (growth rate)	-0.8	2.3	-0.5	-0.9	-1.0	-1.3	-1.4	-0.9
Labour input : hours worked (growth rate)	-0.8	2.4	-0.5	-0.9	-1.0	-1.3	-1.4	-0.9
Labour productivity per hour (growth rate)	2.7	4.0	3.6	3.3	2.7	2.7	1.7	1.7
TFP (growth rate)	1.5	1.2	1.5	1.7	1.7	1.7	1.1	1.1
Capital deepening (contribution to labour productivity growth)	1.3	2.7	2.1	1.6	1.0	1.0	0.6	0.6
GDP per capita (growth rate)	2.5	7.0	3.5	2.9	2.4	2.0	1.0	1.6
GDP per worker (growth rate)	2.7	4.0	3.6	3.3	2.7	2.7	1.7	1.7
GDP in 2007 prices (in millions euros)		28.9	40.1	45.6	55.5	64.5	69.3	73.9
Labour force assumptions	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Working age population (15-64) (in thousands)	-2370	5323	4943	4701	4332	3878	3341	2953
Population growth (working age:15-64)	-0.4	-0.4	-1.1	-0.9	-0.8	-1.5	-1.4	-0.8
Labour force 15-64 (thousands)	-1511	3557	3457	3304	2989	2638	2267	2045
Participation rate (15-64)	2.4	66.8	69.9	70.3	69.0	68.0	67.9	69.3
young (15-24)	-0.3	32.0	34.9	30.6	31.7	33.0	31.6	31.7
prime-age (25-54)	2.1	84.0	85.1	85.7	86.0	85.7	86.2	86.1
older (55-64)	3.6	46.6	47.4	48.2	49.8	49.0	47.6	50.2
Participation rate (15-64) - FEMALES	3.3	62.3	65.8	66.3	65.1	64.0	63.8	65.6
young (15-24)	-0.3	28.4	30.9	27.2	28.1	29.2	28.0	28.0
prime-age (25-54)	2.7	80.7	82.0	82.6	83.3	82.9	83.5	83.4
older (55-64)	5.6	38.1	41.3	42.2	43.0	42.3	41.0	43.8
Participation rate (15-64) - MALES	1.4	71.4	74.1	74.3	72.9	72.0	71.8	72.9
young (15-24)	-0.2	35.4	38.7	33.9	35.1	36.6	35.1	35.2
prime-age (25-54)	1.4	87.3	88.3	88.7	88.7	88.4	88.9	88.7
older (55-64)	0.5	56.3	54.3	54.9	57.0	55.9	54.5	56.8
Employment rate (15-64)	3.9	62.1	66.6	67.0	65.7	64.8	64.7	66.0
Employment rate (20-64)	3.6	67.9	70.9	71.7	71.0	69.4	69.5	71.5
Employment rate (15-71)	1.1	57.0	60.7	60.6	59.6	57.7	56.6	58.0
Unemployment rate (15-64)	-2.3	7.0	4.7	4.7	4.7	4.7	4.7	4.7
Employment (15-64) (in millions)	-1.4	3.3	3.3	3.1	2.8	2.5	2.2	1.9
share of young (15-24)	-1%	8%	7%	6%	7%	7%	7%	7%
share of prime-age (25-54)	-1%	78%	79%	80%	77%	74%	75%	77%
share of older (55-64)	2%	13%	14%	14%	16%	19%	18%	15%
Dependency ratios:	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Share of older population (55-64) (1)	1.4	19.4	20.3	20.4	22.2	25.9	25.6	20.8
Old-age dependency ratio (2)	39	25	28	31	36	44	55	64
Total dependency ratio (3)	41	44	49	53	56	63	77	86
Total economic dependency ratio (4)	48	128	122	125	134	147	169	176
Economic old-age dependency ratio (15-64) (5)	53	38	40	43	52	63	80	91

Pension expenditure projections

Baseline scenario as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	3.0	8.3	8.6	8.4	8.6	9.5	10.8	11.3
Old-age and early pensions, gross	3.1	6.8	7.0	6.9	7.1	8.1	9.4	10.0
Of which : earnings-related pensions, gross	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other pensions (disability, survivors), gross	-0.1	1.4	1.6	1.5	1.5	1.4	1.4	1.3
Occupational pensions, gross	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Private mandatory pensions, gross	1.7	0.0	0.0	0.0	0.3	0.8	1.4	1.7
Social security pensions, net	3.0	8.3	8.6	8.4	8.6	9.5	10.8	11.3
Social security pensions, contributions	2.4	5.0	7.5	7.5	7.4	7.3	7.3	7.4
Social security pensions, assets	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Additional indicators	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, net/social sec. Pensions, gross, %	0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Pensioners (social security, in 1000 persons)	37	2234	2182	2160	2205	2346	2412	2271
Pensioners aged 65+ (1000 pers)	491.3	1366	1376	1426	1535	1687	1848	1857
Share of pensioners below age 65 as % of all pensioners	-21%	39%	37%	34%	30%	28%	23%	18%
Average gross pension (social security - € 1000 in 2007 prices)	2.6	1.1	1.6	1.8	2.2	2.6	3.1	3.7
Benefit ratio (Social security pensions)	-8.8	44.4	47.1	44.3	40.3	37.3	35.6	35.6
Gross replacement rate at retirement (social security pensions)	35.8	0.0	42.3	41.8	38.3	37.0	36.2	35.8
Contributors (social security pensions, in 1000 persons)	-1006	2864	2927	2837	2622	2389	2121	1857
Support ratio (contributors/100 pensioners, social security pensions)	-46.4	128	134	131	119	102	88	82
High life expectancy as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.3	0.0	0.0	0.0	0.0	0.1	0.2	0.3
Old-age and early pensions, gross	0.3	0.0	0.0	0.0	0.0	0.1	0.2	0.3
High labour productivity as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.3	0.0	0.0	-0.1	-0.1	-0.2	-0.2	-0.3
Old-age and early pensions, gross	-0.2	0.0	0.0	-0.1	-0.1	-0.1	-0.2	-0.2
Zero migration as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.2	0.0	0.0	0.0	0.0	0.1	0.2	0.2
Old-age and early pensions, gross	0.2	0.0	0.0	0.0	0.0	0.1	0.2	0.2
High employment rate (1 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.3	0.0	-0.1	-0.2	-0.2	-0.3	-0.3	-0.3
Old-age and early pensions, gross	-0.2	0.0	-0.1	-0.2	-0.2	-0.2	-0.3	-0.2
High older workers empl. Rate (5 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.2	0.0	0.0	-0.1	-0.3	-0.3	-0.1	0.2
Old-age and early pensions, gross	0.1	0.0	-0.1	-0.3	-0.4	-0.4	-0.2	0.1
Decomposition of the increase (in p.p.) in pension expenditure (social security) - selected years	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Social security pensions, gross as % of GDP	2.5	8.8	8.6	8.4	8.6	9.5	10.8	11.3
Social security pensions, gross as % of GDP - p.p. ch. from 2007 due to :		0.5	0.3	0.1	0.3	1.2	2.5	3.0
Dependency ratio	9.0	0.0	1.1	2.0	3.3	5.0	7.5	9.1
Coverage ratio	-3.0	0.0	-0.6	-1.1	-1.5	-1.6	-2.2	-3.0
Employment effect	-0.4	-0.1	-0.6	-0.6	-0.4	-0.3	-0.3	-0.5
Benefit ratio	-2.4	0.6	0.6	0.1	-0.7	-1.3	-1.8	-1.8
Interaction effect (residual)	-0.8	0.0	-0.2	-0.3	-0.4	-0.6	-0.7	-0.8
over selected time periods	2007-2060		2007-2015	2015-2020	2025-2030	2035-2040	2045-2050	2055-2060
Social security pensions, gross as % of GDP	3.0		0.34	-0.24	0.16	0.50	0.71	0.06
Dependency ratio	9.1		1.09	0.90	0.63	1.03	1.16	0.40
Coverage ratio	-3.0		-0.58	-0.49	-0.14	-0.14	-0.27	-0.30
Employment effect	-0.5		-0.56	-0.04	0.08	0.05	0.03	-0.11
Benefit ratio	-1.8		0.62	-0.50	-0.37	-0.34	-0.15	0.02
Interaction effect (residual)	-0.77		-0.24	-0.10	-0.04	-0.09	-0.06	0.05

Health care

Health care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	0.7	4.7	4.9	5.0	5.1	5.4	5.5	5.4
Pure ageing scenario	0.7	4.7	4.8	4.9	5.0	5.3	5.4	5.4
Labour intensity scenario	1.6	4.7	4.5	4.6	5.0	5.5	6.1	6.3
Constant health scenario	0.0	4.7	4.7	4.7	4.6	4.7	4.8	4.7
Fast cost growth scenario	1.1	4.7	5.2	5.2	5.4	5.7	5.8	5.8
Cost convergence scenario	4.2	4.7	5.1	5.3	5.9	6.8	7.7	8.9
Death-related cost scenario	0.6	4.7	4.7	4.8	5.0	5.2	5.3	5.3
Income elasticity scenario	1.2	4.7	5.0	5.1	5.4	5.7	5.8	5.9

Long-term care

Long-term care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.4
Pure demographic scenario	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.4
GDP per capita scenario	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3
Constant disability scenario	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.4
GDP per worker fast growth scenario	0.3	0.2	0.2	0.2	0.3	0.3	0.4	0.4
Shift 1% of dependents from informal to home care scenario	0.3	0.2	0.2	0.2	0.3	0.3	0.4	0.5
Shift 1% of dependents from informal to institutional care scenario	0.3	0.2	0.2	0.3	0.3	0.4	0.4	0.5
Shift 1% of dependents from informal to home/institutional care scenario	0.3	0.2	0.2	0.2	0.3	0.3	0.4	0.5

Number of dependent people (in thousands)	% Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	42%	841	883	925	999	1074	1175	1196
of which: receiving formal care	88%	*97*	*105*	*112*	*128*	*146*	*164*	*182*
relying on informal or no care	36%	*744*	*777*	*813*	*871*	*927*	*1011*	*1013*
Pure demographic scenario	44%	841	884	927	1003	1080	1185	1207
of which: receiving formal care	90%	*97*	*106*	*112*	*129*	*147*	*166*	*184*
relying on informal or no care	38%	*744*	*778*	*815*	*875*	*933*	*1019*	*1023*
Constant disability scenario	41%	841	882	923	995	1067	1165	1184
of which: receiving formal care	87%	*97*	*105*	*112*	*128*	*145*	*163*	*181*
relying on informal or no care	35%	*744*	*776*	*811*	*867*	*922*	*1002*	*1003*
Shift 1% of dependents from informal to home scenario	44%	841	884	927	1003	1080	1185	1207
of which: receiving formal care	215%	*97*	*176*	*205*	*229*	*255*	*284*	*305*
relying on informal or no care	21%	*744*	*708*	*722*	*774*	*825*	*900*	*903*

Education

Education spending as % of GDP - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	-0.25	3.3	2.7	2.8	2.9	2.7	2.9	3.0
Expenditure decomposition (broadly constant) : Transfers (16%) - Staff (52%) - Other (32%)								
Primary	0.09	0.8	0.9	0.9	0.8	0.8	0.9	0.9
Expenditure decomposition (broadly constant) : Transfers (15%) - Staff (51%) - Other (34%)								
Low secondary	0.00	0.8	0.7	0.7	0.7	0.7	0.8	0.8
Expenditure decomposition (broadly constant) : Transfers (16%) - Staff (53%) - Other (31%)								
Upper secondary	-0.18	1.0	0.7	0.7	0.8	0.7	0.8	0.8
Expenditure decomposition (broadly constant) : Transfers (20%) - Staff (54%) - Other (26%)								
Tertiary education	-0.16	0.7	0.5	0.5	0.5	0.5	0.5	0.5
Expenditure decomposition (broadly constant) : Transfers (11%) - Staff (48%) - Other (41%)								
Number of students (in thousands)								
Total	-486	1150	979	981	900	759	714	664
as % of population 5-24	2%	67%	68%	71%	69%	68%	70%	69%
Primary	-83	271	302	302	245	214	211	188
Low secondary	-105	280	250	270	237	194	190	175
Upper secondary	-176	363	244	257	261	210	194	187
Tertiary education	-121	235	184	152	158	140	119	114
Number of teachers (in thousands)								
Total	-37	86	72	73	67	56	53	49
Primary	-5	17	19	19	16	14	13	12
Low secondary	-8	22	20	22	19	16	15	14
Upper secondary	-15	30	20	21	22	17	16	16
Tertiary education	-8	16	13	11	11	10	8	8

Education spending as % of GDP - Higher compensation per teacher (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.12	-0.1	0.0	0.0	0.0	0.0	0.0	0.0

Education spending as % of GDP - Higher ratio teachers/students (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.30	0.1	0.2	0.3	0.3	0.3	0.3	0.4

Education spending as % of GDP - Higher attainment rates in tertiary education (45% by 2020) (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.13	0.3	0.4	0.3	0.4	0.4	0.4	0.4

Unemployment benefit

Unemployment benefit - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Unemployment benefit spending as % of GDP	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1

LEGENDA:

*** The potential GDP and its components is used to estimate the rate of potential output growth, net of normal cyclical variations**

(1) Share of older population = Population aged 55 to 64 as % of population aged 15-64

(2) Old-age dependency ratio = Population aged 65 and over as a percentage of the population aged 15-64

(3) Total dependency ratio = Population under 15 and over 64 as a percentage of the population aged 15-64

(4) Total economic dependency ratio = Total population less employed as % of employed population 15-64

(5) Economic old-age dependency ratio (15-64) = Inactive population aged 65+ as % of employed population 15-64

NB: : = data not provided

Source : Commission Services (DG ECFIN), Eurostat (EUROPOP2008), EPC (AWG).

Czech Republik EC-EPC (AWG) 2009 projections

Main demographic and macroeconomic assumptions

Demographic projections - EUROPOP2008 (EUROSTAT)	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Fertility rate	0.2	1.33	1.36	1.38	1.41	1.45	1.49	1.52
Life expectancy at birth								
males	9.3	73.9	75.3	76.3	78.1	79.9	81.6	83.2
females	7.7	80.2	81.3	82.1	83.7	85.1	86.5	87.8
Life expectancy at 65								
males	6.1	14.7	15.6	16.2	17.4	18.6	19.7	20.8
females	6.0	18.1	18.9	19.5	20.7	21.9	23.0	24.0
Net migration (thousand)	-7.4	24.0	27.7	24.7	22.9	27.3	21.9	16.7
Net migration as % of population	-0.1	0.2	0.3	0.2	0.2	0.3	0.2	0.2
Population (million)	-0.8	10.3	10.5	10.5	10.4	10.2	9.9	9.5
Children population (0-14) as % of total population	-2.0	14.3	14.6	14.7	12.8	12.1	12.6	12.3
Prime age population (25-54) as % of total population	-10.2	44.1	43.6	43.6	39.7	36.1	33.9	33.9
Working age population (15-64) as % of total population	-16.7	71.1	67.5	65.1	64.3	61.6	56.5	54.4
Elderly population (65 and over) as % of total population	18.7	14.6	17.9	20.2	22.9	26.3	30.9	33.4
Very elderly population (80 and over) as % of total population	10.0	3.4	3.9	4.1	6.6	8.4	9.3	13.4
Very elderly population (80 and over) as % of elderly population	17.1	23.0	22.1	20.3	28.9	31.9	30.1	40.1
Very elderly population (80 and over) as % of working age population	19.9	4.7	5.8	6.3	10.3	13.6	16.5	24.6
Macroeconomic assumptions*	AVG 07-60	2007	2015	2020	2030	2040	2050	2060
Potential GDP (growth rate)	1.8	5.2	3.0	2.5	1.4	0.9	0.7	1.1
Employment (growth rate)	-0.4	1.1	0.0	-0.4	-0.3	-0.8	-1.0	-0.5
Labour input : hours worked (growth rate)	-0.4	1.0	0.0	-0.4	-0.3	-0.8	-1.0	-0.5
Labour productivity per hour (growth rate)	2.2	4.1	3.0	2.9	1.8	1.7	1.7	1.7
TFP (growth rate)	1.4	3.1	1.8	1.8	1.2	1.1	1.1	1.1
Capital deepening (contribution to labour productivity growth)	0.8	1.0	1.2	1.2	0.6	0.6	0.6	0.6
GDP per capita (growth rate)	1.9	4.8	2.9	2.5	1.7	1.1	1.1	1.6
GDP per worker (growth rate)	2.2	4.0	3.0	2.9	1.7	1.7	1.7	1.7
GDP in 2007 prices (in millions euros)		128.1	174.5	199.5	236.2	264.2	286.9	315.3
Labour force assumptions	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Working age population (15-64) (in thousands)	-2154	7325	7086	6863	6695	6260	5584	5171
Population growth (working age:15-64)	-0.9	0.4	-0.7	-0.5	-0.5	-1.3	-0.9	-0.5
Labour force 15-64 (thousands)	-1322	5126	5206	5075	4855	4525	4104	3803
Participation rate (15-64)	3.6	70.0	73.5	73.9	72.5	72.3	73.5	73.5
young (15-24)	-0.1	32.0	35.8	31.6	32.5	33.3	32.3	31.9
prime-age (25-54)	-0.9	87.7	87.6	87.4	87.3	86.5	86.7	86.9
older (55-64)	18.6	48.9	56.8	58.1	60.8	63.4	66.8	67.5
Participation rate (15-64) - FEMALES	6.5	61.6	66.1	66.7	66.0	66.0	67.8	68.1
young (15-24)	-0.1	26.9	30.1	26.6	27.3	27.9	27.2	26.8
prime-age (25-54)	0.7	80.2	80.7	80.6	81.4	80.2	80.4	80.9
older (55-64)	27.5	35.7	47.6	48.5	51.9	56.6	62.5	63.2
Participation rate (15-64) - MALES	0.6	78.3	80.7	81.0	78.8	78.5	79.0	78.9
young (15-24)	0.1	36.8	41.3	36.5	37.6	38.4	37.3	36.9
prime-age (25-54)	-2.3	95.0	94.3	93.9	93.1	92.7	92.9	92.8
older (55-64)	8.6	63.3	66.6	67.9	69.6	70.3	71.1	71.9
Employment rate (15-64)	4.0	66.2	70.2	70.6	69.2	69.0	70.2	70.2
Employment rate (20-64)	4.0	72.2	74.7	75.6	74.7	74.0	75.4	76.2
Employment rate (15-71)	1.6	61.8	63.9	64.5	63.9	62.4	62.9	63.4
Unemployment rate (15-64)	-0.9	5.4	4.5	4.5	4.5	4.5	4.5	4.5
Employment (15-64) (in millions)	-1.2	4.9	5.0	4.8	4.6	4.3	3.9	3.6
share of young (15-24)	-1%	8%	7%	6%	7%	7%	6%	7%
share of prime-age (25-54)	-4%	78%	77%	79%	75%	70%	71%	74%
share of older (55-64)	5%	14%	16%	15%	18%	23%	23%	19%
Dependency ratios:	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Share of older population (55-64) (1)	0.7	19.8	19.8	19.0	21.8	25.9	24.5	20.5
Old-age dependency ratio (2)	41	21	26	31	36	43	55	61
Total dependency ratio (3)	43	41	48	54	56	62	77	84
Total economic dependency ratio (4)	45	110	109	114	121	130	146	155
Economic old-age dependency ratio (15-64) (5)	51	30	35	40	48	57	72	81

Pension expenditure projections

Baseline scenario as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	3.3	7.8	6.9	6.9	7.1	8.4	10.2	11.0
Old-age and early pensions, gross	3.4	7.1	6.3	6.3	6.6	7.9	9.7	10.5
Of which : earnings-related pensions, gross	3.4	7.1	6.3	6.3	6.6	7.9	9.7	10.5
Other pensions (disability, survivors), gross	-0.1	0.7	0.5	0.5	0.6	0.5	0.5	0.6
Occupational pensions, gross	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Private mandatory pensions, gross	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Social security pensions, net	3.3	7.8	6.9	6.9	7.1	8.4	10.2	11.0
Social security pensions, contributions	0.0	8.3	8.3	8.3	8.3	8.3	8.3	8.3
Social security pensions, assets	23.8	0.4	9.8	17.1	32.6	45.0	42.3	24.2

Additional indicators	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, net/social sec. Pensions, gross, %	0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Pensioners (social security, in 1000 persons)	908	2729	2908	3015	3119	3375	3619	3637
Pensioners aged 65+ (1000 pers)	1516.3	1488	1831	2066	2274	2508	2885	3004
Share of pensioners below age 65 as % of all pensioners	-28%	45%	37%	31%	27%	26%	20%	17%
Average gross pension (social security - € 1000 in 2007 prices)	5.9	3.6	4.1	4.5	5.4	6.6	8.1	9.6
Benefit ratio (Social security pensions)	-7.5	45.2	38.7	36.8	35.4	36.5	37.6	37.6
Gross replacement rate at retirement (social security pensions)	-5.7	32.7	28.1	28.2	25.0	29.0	28.0	27.0
Contributors (social security pensions, in 1000 persons)	-1005	4878	5107	5045	4814	4546	4178	3873
Support ratio (contributors/100 pensioners, social security pensions)	-72.2	179	176	167	154	135	115	106
High life expectancy as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.3	0.0	0.0	0.0	0.1	0.1	0.2	0.3
Old-age and early pensions, gross	0.3	0.0	0.0	0.0	0.1	0.1	0.2	0.3
High labour productivity as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.2	0.0	0.0	0.0	-0.1	-0.1	-0.2	-0.2
Old-age and early pensions, gross	-0.2	0.0	0.0	0.0	-0.1	-0.1	-0.2	-0.2
Zero migration as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	1.5	0.0	0.1	0.2	0.4	0.7	1.2	1.5
Old-age and early pensions, gross	1.5	0.0	0.1	0.2	0.4	0.8	1.3	1.5
High employment rate (1 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Old-age and early pensions, gross	-0.1	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1
High older workers empl. Rate (5 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	1.0	0.0	0.0	0.0	0.1	0.3	0.7	1.0
Old-age and early pensions, gross	1.0	0.0	0.0	0.0	0.1	0.3	0.6	1.0
Decomposition of the increase (in p.p.) in pension expenditure (social security) - selected years	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Social security pensions, gross as % of GDP	3.6	7.4	6.9	6.9	7.1	8.4	10.2	11.0
Social security pensions, gross as % of GDP - p.p. ch. from 2007 due to :		-0.3	-0.9	-0.9	-0.6	0.7	2.4	3.3
Dependency ratio	9.4	0.1	2.4	3.6	4.6	6.0	8.3	9.5
Coverage ratio	-3.3	-0.2	-1.2	-1.8	-2.4	-2.6	-3.2	-3.5
Employment effect	-0.4	0.0	-0.4	-0.5	-0.3	-0.3	-0.5	-0.5
Benefit ratio	-1.0	-0.2	-1.1	-1.4	-1.7	-1.5	-1.2	-1.2
Interaction effect (residual)	-1.1	0.0	-0.6	-0.8	-0.8	-0.9	-1.1	-1.1
over selected time periods	2007-2060		2007-2015	2015-2020	2025-2030	2035-2040	2045-2050	2055-2060
Social security pensions, gross as % of GDP	3.3		-0.90	-0.01	0.19	0.86	0.76	0.26
Dependency ratio	9.5		2.40	1.19	0.40	0.99	0.87	0.48
Coverage ratio	-3.5		-1.23	-0.60	-0.19	-0.21	-0.16	-0.16
Employment effect	-0.5		-0.44	-0.04	0.04	0.04	-0.02	-0.04
Benefit ratio	-1.2		-1.08	-0.34	-0.06	0.16	0.07	-0.01
Interaction effect (residual)	-1.08		-0.55	-0.21	0.01	-0.11	0.01	0.00

Health care

Health care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	2.2	6.2	6.7	6.9	7.4	7.8	8.1	8.4
Pure ageing scenario	2.3	6.2	6.6	6.8	7.3	7.8	8.2	8.5
Labour intensity scenario	3.8	6.2	6.5	6.8	7.6	8.4	9.4	10.0
Constant health scenario	1.1	6.2	6.4	6.5	6.8	7.0	7.2	7.3
Fast cost growth scenario	2.9	6.2	7.0	7.3	7.9	8.4	8.8	9.1
Cost convergence scenario	2.9	6.2	6.6	6.9	7.5	8.1	8.6	9.1
Death-related cost scenario	2.0	6.2	6.4	6.6	7.1	7.6	7.9	8.2
Income elasticity scenario	2.8	6.2	6.7	7.1	7.7	8.3	8.7	9.0

Long-term care

Long-term care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	0.4	0.2	0.3	0.3	0.4	0.5	0.5	0.7
Pure demographic scenario	0.5	0.2	0.3	0.3	0.4	0.5	0.6	0.7
GDP per capita scenario	0.4	0.2	0.3	0.3	0.4	0.4	0.5	0.6
Constant disability scenario	0.4	0.2	0.3	0.3	0.4	0.4	0.5	0.6
GDP per worker fast growth scenario	0.5	0.2	0.3	0.3	0.4	0.5	0.6	0.8
Shift 1% of dependents from informal to home care scenario	0.5	0.2	0.3	0.3	0.4	0.5	0.6	0.7
Shift 1% of dependents from informal to institutional care scenario	0.7	0.2	0.3	0.4	0.5	0.6	0.7	0.9
Shift 1% of dependents from informal to home/institutional care scenario	0.6	0.2	0.3	0.3	0.4	0.5	0.7	0.8

Number of dependent people (in thousands)	% Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	147%	256	313	350	434	497	554	632
of which: receiving formal care	168%	*123*	*155*	*176*	*215*	*259*	*291*	*330*
relying on informal or no care	127%	*133*	*158*	*174*	*219*	*238*	*263*	*302*
Pure demographic scenario	168%	256	317	357	451	522	593	687
of which: receiving formal care	187%	*123*	*156*	*179*	*222*	*270*	*309*	*354*
relying on informal or no care	150%	*133*	*160*	*178*	*228*	*251*	*284*	*333*
Constant disability scenario	126%	256	309	343	417	473	516	578
of which: receiving formal care	149%	*123*	*153*	*173*	*207*	*248*	*274*	*307*
relying on informal or no care	104%	*133*	*156*	*170*	*209*	*224*	*242*	*271*
Shift 1% of dependents from informal to home scenario	168%	256	317	357	451	522	593	687
of which: receiving formal care	243%	*123*	*182*	*215*	*267*	*322*	*368*	*423*
relying on informal or no care	98%	*133*	*135*	*142*	*183*	*199*	*225*	*264*

Education

Education spending as % of GDP - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	-0.30	3.5	3.0	3.0	3.1	2.9	3.0	3.2
Expenditure decomposition (broadly constant) : Transfers (5%) - Staff (53%) - Other (42%)								
Primary	0.07	0.5	0.6	0.6	0.6	0.5	0.6	0.6
Expenditure decomposition (broadly constant) : Transfers (1%) - Staff (58%) - Other (40%)								
Low secondary	-0.07	1.0	0.7	0.9	0.8	0.8	0.8	0.9
Expenditure decomposition (broadly constant) : Transfers (1%) - Staff (58%) - Other (41%)								
Upper secondary	-0.17	1.1	0.8	0.8	0.9	0.9	0.9	1.0
Expenditure decomposition (broadly constant) : Transfers (10%) - Staff (50%) - Other (40%)								
Tertiary education	-0.13	0.9	0.8	0.7	0.7	0.7	0.7	0.7
Expenditure decomposition (broadly constant) : Transfers (6%) - Staff (48%) - Other (46%)								
Number of students (in thousands)								
Total	-497	1851	1657	1677	1616	1421	1377	1354
as % of population 5-24	1%	79%	78%	82%	79%	79%	81%	80%
Primary	-58	460	537	540	466	408	430	402
Low secondary	-128	462	372	434	397	335	336	334
Upper secondary	-194	580	432	437	470	413	376	386
Tertiary education	-117	348	316	266	283	266	235	232
Number of teachers (in thousands)								
Total	-35	126	110	114	110	96	93	92
Primary	-3	27	31	31	27	24	25	23
Low secondary	-10	38	30	35	32	27	27	27
Upper secondary	-15	45	33	34	36	32	29	30
Tertiary education	-6	17	16	13	14	13	12	12

Education spending as % of GDP - Higher compensation per teacher (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.17	-0.2	0.0	0.0	0.0	0.0	0.0	0.0

Education spending as % of GDP - Higher ratio teachers/students (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.33	0.2	0.3	0.4	0.5	0.4	0.5	0.5

Education spending as % of GDP - Higher attainment rates in tertiary education (45% by 2020) (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.26	0.3	0.6	0.5	0.6	0.6	0.5	0.6

Unemployment benefit

Unemployment benefit - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Unemployment benefit spending as % of GDP	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1

LEGENDA:

*** The potential GDP and its components is used to estimate the rate of potential output growth, net of normal cyclical variations**

(1) Share of older population = Population aged 55 to 64 as % of population aged 15-64

(2) Old-age dependency ratio = Population aged 65 and over as a percentage of the population aged 15-64

(3) Total dependency ratio = Population under 15 and over 64 as a percentage of the population aged 15-64

(4) Total economic dependency ratio = Total population less employed as % of employed population 15-64

(5) Economic old-age dependency ratio (15-64) = Inactive population aged 65+ as % of employed population 15-64

NB: : = data not provided

Source : Commission Services (DG ECFIN), Eurostat (EUROPOP2008), EPC (AWG).

Denmark EC-EPC (AWG) 2009 projections

Main demographic and macroeconomic assumptions

Demographic projections - EUROPOP2008 (EUROSTAT)	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Fertility rate	0.0	1.85	1.85	1.85	1.85	1.85	1.85	1.85
Life expectancy at birth								
males	7.8	76.4	77.6	78.4	80.0	81.5	82.9	84.3
females	7.4	81.0	82.2	83.0	84.5	85.9	87.2	88.4
Life expectancy at 65								
males	5.4	16.1	16.8	17.4	18.4	19.5	20.5	21.4
females	5.7	19.0	19.8	20.4	21.6	22.6	23.7	24.6
Net migration (thousand)	-3.5	9.7	8.5	8.1	8.7	6.5	5.7	6.2
Net migration as % of population	-0.1	0.2	0.2	0.1	0.2	0.1	0.1	0.1
Population (million)	0.4	5.5	5.6	5.7	5.8	5.9	5.9	5.9
Children population (0-14) as % of total population	-2.2	18.4	17.3	16.7	16.9	17.0	16.3	16.3
Prime age population (25-54) as % of total population	-5.4	41.0	39.0	38.1	36.1	36.4	35.9	35.6
Working age population (15-64) as % of total population	-7.3	66.0	64.1	63.1	60.3	58.2	59.2	58.7
Elderly population (65 and over) as % of total population	9.5	15.6	18.6	20.1	22.8	24.8	24.5	25.0
Very elderly population (80 and over) as % of total population	5.9	4.1	4.2	4.7	7.1	8.1	9.7	10.0
Very elderly population (80 and over) as % of elderly population	13.7	26.4	22.7	23.3	31.0	32.8	39.8	40.1
Very elderly population (80 and over) as % of working age population	10.9	6.2	6.6	7.4	11.7	14.0	16.4	17.1
Macroeconomic assumptions*	AVG 07-60	2007	2015	2020	2030	2040	2050	2060
Potential GDP (growth rate)	1.7	2.3	1.7	1.6	1.5	1.7	1.9	1.6
Employment (growth rate)	0.0	0.5	-0.1	-0.2	-0.2	0.0	0.2	-0.1
Labour input : hours worked (growth rate)	0.0	0.3	-0.2	-0.1	-0.2	0.0	0.2	-0.1
Labour productivity per hour (growth rate)	1.7	2.0	1.8	1.8	1.7	1.7	1.7	1.7
TFP (growth rate)	1.1	1.0	1.1	1.1	1.1	1.1	1.1	1.1
Capital deepening (contribution to labour productivity growth)	0.6	0.9	0.7	0.7	0.6	0.6	0.6	0.6
GDP per capita (growth rate)	1.6	1.9	1.4	1.4	1.2	1.6	1.9	1.5
GDP per worker (growth rate)	1.7	1.7	1.8	1.8	1.7	1.7	1.7	1.7
GDP in 2007 prices (in millions euros)		227.7	262.1	283.9	334.4	394.7	476.5	565.7
Labour force assumptions	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Working age population (15-64) (in thousands)	-123	3598	3584	3575	3502	3421	3493	3475
Population growth (working age:15-64)	-0.5	0.3	0.0	0.0	-0.4	0.0	0.3	-0.3
Labour force 15-64 (thousands)	-80	2888	2859	2845	2786	2757	2828	2808
Participation rate (15-64)	0.6	80.3	79.8	79.6	79.6	80.6	81.0	80.8
young (15-24)	1.7	70.8	72.5	72.6	72.7	72.1	72.4	72.5
prime-age (25-54)	-1.7	89.0	88.1	87.5	87.2	87.3	87.2	87.3
older (55-64)	8.1	61.3	61.1	62.6	64.0	66.6	70.3	69.3
Participation rate (15-64) - FEMALES	2.6	76.5	76.8	77.0	77.5	78.8	79.3	79.1
young (15-24)	1.8	69.4	71.3	71.4	71.4	70.9	71.2	71.3
prime-age (25-54)	0.2	85.4	85.2	85.1	85.3	85.6	85.5	85.6
older (55-64)	12.2	55.1	56.2	58.3	61.0	63.9	68.2	67.2
Participation rate (15-64) - MALES	-1.5	84.0	82.7	82.2	81.6	82.4	82.6	82.5
young (15-24)	1.5	72.2	73.7	73.8	73.8	73.2	73.6	73.7
prime-age (25-54)	-3.7	92.5	90.8	89.9	89.1	88.9	88.8	88.9
older (55-64)	3.9	67.5	66.1	67.0	67.1	69.3	72.4	71.4
Employment rate (15-64)	1.0	77.2	77.2	77.0	77.0	78.0	78.3	78.2
Employment rate (20-64)	1.1	79.2	79.3	79.0	78.9	80.2	80.6	80.3
Employment rate (15-71)	0.5	71.5	69.4	69.6	69.8	71.2	72.9	72.0
Unemployment rate (15-64)	-0.6	3.9	3.2	3.2	3.2	3.2	3.2	3.2
Employment (15-64) (in millions)	-0.1	2.8	2.8	2.8	2.7	2.7	2.7	2.7
share of young (15-24)	2%	15%	17%	17%	17%	17%	17%	17%
share of prime-age (25-54)	-4%	70%	68%	67%	66%	68%	66%	66%
share of older (55-64)	2%	15%	15%	16%	17%	15%	17%	17%
Dependency ratios:	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Share of older population (55-64) (1)	0.0	20.2	19.3	20.3	21.3	18.0	19.5	20.2
Old-age dependency ratio (2)	19	24	29	32	38	43	41	43
Total dependency ratio (3)	19	52	56	58	66	72	69	70
Total economic dependency ratio (4)	19	94	100	104	112	117	112	113
Economic old-age dependency ratio (15-64) (5)	21	29	35	40	46	51	49	50

Pension expenditure projections

Baseline scenario as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.1	9.1	10.2	10.6	10.6	10.4	9.6	9.2
Old-age and early pensions, gross	-0.4	7.0	8.2	8.6	8.3	8.1	7.3	6.7
Of which : earnings-related pensions, gross	:	:	:	:	:	:	:	:
Other pensions (disability, survivors), gross	0.5	2.0	2.0	2.0	2.3	2.3	2.3	2.5
Occupational pensions, gross	3.3	5.6	5.9	5.8	5.4	7.1	8.1	8.9
Private mandatory pensions, gross	:	:	:	:	:	:	:	:
Social security pensions, net	0.2	6.6	7.5	7.9	7.8	7.8	7.2	6.9
Social security pensions, contributions	:	:	:	:	:	:	:	:
Social security pensions, assets	:	:	:	:	:	:	:	:

Additional indicators	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, net/social sec. Pensions, gross, %	1.8	73.1	73.5	73.8	74.0	74.6	74.9	74.9
Pensioners (social security, in 1000 persons)	94	1334	1529	1607	1585	1584	1500	1428
Pensioners aged 65+ (1000 pers)	260.9	954	1174	1265	1336	1378	1288	1215
Share of pensioners below age 65 as % of all pensioners	-14%	28%	23%	21%	16%	13%	14%	15%
Average gross pension (social security - € 1000 in 2007 prices)	20.9	15.5	17.5	18.8	22.3	25.9	30.4	36.4
Benefit ratio (Social security pensions)	-1.6	39.4	38.9	38.3	38.3	37.7	37.5	37.8
Gross replacement rate at retirement (social security pensions)	0.0	33.4	33.4	33.4	33.4	33.4	33.4	33.4
Contributors (social security pensions, in 1000 persons)	22	2822	2827	2798	2779	2774	2838	2844
Support ratio (contributors/100 pensioners, social security pensions)	-12.3	211	185	174	175	175	189	199
High life expectancy as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.2	0.0	0.0	0.0	0.1	0.0	0.2	0.2
Old-age and early pensions, gross	0.1	0.0	0.0	0.0	0.1	0.0	0.2	0.1
High labour productivity as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Old-age and early pensions, gross	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Zero migration as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.9	0.0	0.1	0.2	0.5	0.8	1.0	0.9
Old-age and early pensions, gross	0.9	0.0	0.1	0.2	0.4	0.7	0.9	0.9
High employment rate (1 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Old-age and early pensions, gross	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
High older workers empl. Rate (5 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Old-age and early pensions, gross	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Decomposition of the increase (in p.p.) in pension expenditure (social security) - selected years	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Social security pensions, gross as % of GDP	0.0	9.2	10.2	10.6	10.6	10.4	9.6	9.2
Social security pensions, gross as % of GDP - p.p. ch. from 2007 due to :		0.1	1.1	1.6	1.5	1.3	0.5	0.1
Dependency ratio	6.3	0.2	2.3	3.3	5.2	6.5	6.2	6.5
Coverage ratio	-4.9	-0.1	-0.7	-1.1	-2.8	-3.8	-4.2	-4.9
Employment effect	-0.1	0.0	0.0	0.0	0.0	-0.1	-0.2	-0.1
Benefit ratio	-0.5	0.0	-0.2	-0.4	-0.4	-0.6	-0.6	-0.5
Interaction effect (residual)	-0.7	0.0	-0.2	-0.2	-0.5	-0.7	-0.6	-0.7
over selected time periods	2007-2060		2007-2015	2015-2020	2025-2030	2035-2040	2045-2050	2055-2060
Social security pensions, gross as % of GDP	0.1		1.12	0.46	0.09	-0.10	-0.46	-0.10
Dependency ratio	6.5		2.30	0.97	1.02	0.41	-0.33	0.34
Coverage ratio	-4.9		-0.75	-0.39	-0.87	-0.35	-0.19	-0.41
Employment effect	-0.1		0.00	0.03	0.00	-0.02	0.02	-0.01
Benefit ratio	-0.5		-0.24	-0.14	0.11	-0.11	0.01	0.06
Interaction effect (residual)	-0.73		-0.19	0.00	-0.17	-0.02	0.03	-0.07

Health care

Health care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	1.0	5.9	6.2	6.4	6.7	6.8	6.9	6.9
Pure ageing scenario	1.2	5.9	6.2	6.4	6.8	6.9	7.1	7.1
Labour intensity scenario	1.7	5.9	6.3	6.7	7.3	7.6	7.6	7.7
Constant health scenario	0.3	5.9	6.0	6.1	6.3	6.3	6.3	6.2
Fast cost growth scenario	1.7	5.9	6.6	6.8	7.2	7.4	7.6	7.6
Cost convergence scenario	:	:	:	:	:	:	:	:
Death-related cost scenario	0.9	5.9	6.0	6.2	6.6	6.7	6.8	6.9
Income elasticity scenario	1.5	5.9	6.3	6.5	6.9	7.2	7.3	7.4

Long-term care

Long-term care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	1.5	1.7	1.9	2.1	2.6	3.0	3.2	3.2
Pure demographic scenario	1.7	1.7	1.9	2.1	2.7	3.1	3.4	3.5
GDP per capita scenario	1.4	1.7	1.9	2.0	2.5	2.8	3.1	3.2
Constant disability scenario	1.3	1.7	1.9	2.1	2.5	2.8	3.0	3.0
GDP per worker fast growth scenario	2.1	1.7	2.1	2.4	3.0	3.4	3.7	3.8
Shift 1% of dependents from informal to home care scenario	2.1	1.7	2.1	2.3	3.0	3.4	3.7	3.8
Shift 1% of dependents from informal to institutional care scenario	1.7	1.7	1.9	2.1	2.7	3.1	3.4	3.5
Shift 1% of dependents from informal to home/institutional care scenario	1.9	1.7	2.0	2.2	2.9	3.3	3.5	3.6

Number of dependent people (in thousands)	% Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	106%	164	184	204	263	302	327	337
of which: receiving formal care	127%	*171*	*191*	*212*	*279*	*332*	*367*	*387*
relying on informal or no care	0%	*0*	*0*	*0*	*0*	*0*	*0*	*0*
Pure demographic scenario	122%	164	187	209	274	319	350	362
of which: receiving formal care	142%	*171*	*193*	*217*	*289*	*349*	*390*	*413*
relying on informal or no care	0%	*0*	*0*	*0*	*0*	*0*	*0*	*0*
Constant disability scenario	90%	164	182	199	252	285	304	312
of which: receiving formal care	112%	*171*	*188*	*207*	*268*	*316*	*344*	*362*
relying on informal or no care	0%	*0*	*0*	*0*	*0*	*0*	*0*	*0*
Shift 1% of dependents from informal to home scenario	122%	164	187	209	274	319	350	362
of which: receiving formal care	163%	*171*	*208*	*238*	*317*	*381*	*425*	*449*
relying on informal or no care	0%	*0*	*0*	*0*	*0*	*0*	*0*	*0*

Education

Education spending as % of GDP - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.18	7.1	7.4	7.4	7.4	7.5	7.4	7.2
Expenditure decomposition (broadly constant) : Transfers (17%) - Staff (60%) - Other (22%)								
Primary	-0.15	1.9	1.8	1.8	1.8	1.9	1.8	1.7
Expenditure decomposition (broadly constant) : Transfers (1%) - Staff (72%) - Other (27%)								
Low secondary	-0.08	1.1	1.1	1.1	1.0	1.1	1.1	1.0
Expenditure decomposition (broadly constant) : Transfers (1%) - Staff (73%) - Other (26%)								
Upper secondary	0.12	2.0	2.2	2.1	2.1	2.1	2.1	2.1
Expenditure decomposition (broadly constant) : Transfers (28%) - Staff (52%) - Other (19%)								
Tertiary education	0.30	2.1	2.3	2.5	2.5	2.4	2.4	2.4
Expenditure decomposition (broadly constant) : Transfers (31%) - Staff (51%) - Other (18%)								
Number of students (in thousands)								
Total	-5	1140	1159	1150	1129	1167	1160	1135
as % of population 5-24	0%	87%	85%	86%	87%	87%	86%	87%
Primary	-34	412	390	380	382	403	384	379
Low secondary	-18	240	235	231	216	237	233	222
Upper secondary	17	275	303	296	288	293	302	292
Tertiary education	30	212	231	243	243	234	241	242
Number of teachers (in thousands)								
Total	-9	121	116	114	110	119	115	111
Primary	-5	61	58	57	57	60	57	56
Low secondary	-4	59	58	57	53	58	58	55
Upper secondary	0	0	0	0	0	0	0	0
Tertiary education	0	0	0	0	0	0	0	0

Education spending as % of GDP - Higher compensation per teacher (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.20	-0.1	0.0	0.1	0.1	0.1	0.1	0.1

Education spending as % of GDP - Higher ratio teachers/students (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.83	0.2	0.7	1.0	1.1	1.1	1.1	1.0

Education spending as % of GDP - Higher attainment rates in tertiary education (45% by 2020) (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Unemployment benefit

Unemployment benefit - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Unemployment benefit spending as % of GDP	-0.2	1.0	0.8	0.8	0.8	0.8	0.8	0.8

LEGENDA:

*** The potential GDP and its components is used to estimate the rate of potential output growth, net of normal cyclical variations**

(1) Share of older population = Population aged 55 to 64 as % of population aged 15-64

(2) Old-age dependency ratio = Population aged 65 and over as a percentage of the population aged 15-64

(3) Total dependency ratio = Population under 15 and over 64 as a percentage of the population aged 15-64

(4) Total economic dependency ratio = Total population less employed as % of employed population 15-64

(5) Economic old-age dependency ratio (15-64) = Inactive population aged 65+ as % of employed population 15-64

NB: : = data not provided

Source : Commission Services (DG ECFIN), Eurostat (EUROPOP2008), EPC (AWG).

Germany EC-EPC (AWG) 2009 projections

Main demographic and macroeconomic assumptions

Demographic projections - EUROPOP2008 (EUROSTAT)	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Fertility rate	0.2	1.34	1.36	1.38	1.42	1.45	1.49	1.53
Life expectancy at birth								
males	7.6	77.3	78.5	79.3	80.8	82.3	83.6	84.9
females	6.5	82.6	83.6	84.3	85.6	86.8	88.0	89.1
Life expectancy at 65								
males	5.2	16.8	17.6	18.1	19.1	20.1	21.1	22.0
females	5.0	20.1	20.8	21.4	22.4	23.3	24.3	25.1
Net migration (thousand)	-43.9	159.8	166.3	173.1	187.0	131.6	135.7	115.9
Net migration as % of population	0.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Population (million)	-11.4	82.2	81.9	81.5	80.2	77.8	74.5	70.8
Children population (0-14) as % of total population	-1.2	13.7	12.8	12.6	12.7	12.2	12.1	12.6
Prime age population (25-54) as % of total population	-9.6	43.1	41.8	39.4	36.2	35.1	33.7	33.5
Working age population (15-64) as % of total population	-11.3	66.2	65.9	64.6	59.7	56.7	56.2	55.0
Elderly population (65 and over) as % of total population	12.4	20.1	21.2	22.8	27.6	31.1	31.7	32.5
Very elderly population (80 and over) as % of total population	8.5	4.7	5.7	7.1	8.0	10.3	14.0	13.2
Very elderly population (80 and over) as % of elderly population	17.0	23.6	26.7	31.1	28.9	33.1	44.1	40.6
Very elderly population (80 and over) as % of working age population	16.9	7.2	8.6	11.0	13.4	18.1	24.9	24.0
Macroeconomic assumptions*	AVG 07-60	2007	2015	2020	2030	2040	2050	2060
Potential GDP (growth rate)	1.2	1.4	1.9	1.5	1.3	1.1	1.0	1.0
Employment (growth rate)	-0.4	0.2	0.3	-0.2	-0.4	-0.6	-0.7	-0.7
Labour input : hours worked (growth rate)	-0.5	-0.1	0.2	-0.2	-0.4	-0.6	-0.7	-0.7
Labour productivity per hour (growth rate)	1.7	1.5	1.6	1.7	1.7	1.7	1.7	1.7
TFP (growth rate)	1.1	1.0	1.1	1.1	1.1	1.1	1.1	1.1
Capital deepening (contribution to labour productivity growth)	0.6	0.6	0.5	0.6	0.6	0.6	0.6	0.6
GDP per capita (growth rate)	1.5	1.6	1.9	1.6	1.5	1.5	1.5	1.5
GDP per worker (growth rate)	1.7	1.2	1.6	1.7	1.7	1.7	1.7	1.7
GDP in 2007 prices (in millions euros)		2423.8	2808.1	3047.6	3369.8	3720.8	4161.6	4596.7
Labour force assumptions	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Working age population (15-64) (in thousands)	-15682	54574	53981	52639	47873	44160	41857	38892
Population growth (working age:15-64)	0.1	-0.6	-0.4	-0.6	-1.2	-0.3	-0.6	-0.5
Labour force 15-64 (thousands)	-10550	41590	42477	41630	37963	35404	33371	31040
Participation rate (15-64)	3.6	76.2	78.7	79.1	79.3	80.2	79.7	79.8
young (15-24)	0.8	51.5	52.7	52.9	52.1	52.2	52.5	52.2
prime-age (25-54)	1.6	87.9	88.9	89.2	89.6	89.6	89.4	89.5
older (55-64)	16.5	57.3	67.6	69.9	70.5	74.7	73.9	73.9
Participation rate (15-64) - FEMALES	6.3	70.2	73.5	74.1	75.3	77.0	76.5	76.5
young (15-24)	0.8	48.9	50.1	50.3	49.6	49.6	50.0	49.7
prime-age (25-54)	3.9	81.8	84.1	84.8	85.7	85.8	85.6	85.6
older (55-64)	22.8	48.8	59.5	62.1	65.0	72.2	71.6	71.6
Participation rate (15-64) - MALES	0.9	82.1	83.8	83.9	83.2	83.3	82.9	83.0
young (15-24)	0.7	54.0	55.2	55.4	54.5	54.6	55.0	54.7
prime-age (25-54)	-0.6	93.8	93.5	93.5	93.4	93.2	93.2	93.2
older (55-64)	10.1	66.0	75.7	77.7	75.9	77.0	76.1	76.1
Employment rate (15-64)	5.3	69.6	73.1	74.2	74.4	75.2	74.8	74.9
Employment rate (20-64)	5.3	73.6	76.8	77.7	78.0	79.2	78.7	78.9
Employment rate (15-71)	5.2	62.1	67.0	67.3	66.0	67.8	67.9	67.3
Unemployment rate (15-64)	-2.5	8.7	7.1	6.2	6.2	6.2	6.2	6.2
Employment (15-64) (in millions)	-8.9	38.0	39.5	39.0	35.6	33.2	31.3	29.1
share of young (15-24)	-1%	11%	10%	10%	10%	10%	11%	11%
share of prime-age (25-54)	-7%	76%	72%	69%	69%	70%	68%	69%
share of older (55-64)	8%	13%	18%	21%	21%	20%	22%	21%
Dependency ratios:	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Share of older population (55-64) (1)	4.9	17.5	20.7	23.9	24.1	21.7	23.6	22.5
Old-age dependency ratio (2)	29	30	32	35	46	55	56	59
Total dependency ratio (3)	31	51	52	55	67	76	78	82
Total economic dependency ratio (4)	24	113	106	106	120	129	132	137
Economic old-age dependency ratio (15-64) (5)	31	42	42	45	57	67	70	73

Pension expenditure projections

Baseline scenario as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	2.3	10.4	10.1	10.5	11.5	12.1	12.3	12.8
Old-age and early pensions, gross	2.3	10.4	10.1	10.5	11.5	12.1	12.3	12.8
Of which : earnings-related pensions, gross	2.3	10.4	10.1	10.5	11.5	12.1	12.3	12.8
Other pensions (disability, survivors), gross	:	:	:	:	:	:	:	:
Occupational pensions, gross	:	:	:	:	:	:	:	:
Private mandatory pensions, gross	:	:	:	:	:	:	:	:
Social security pensions, net	1.6	8.8	8.4	8.7	9.5	9.9	10.0	10.4
Social security pensions, contributions	1.4	7.2	6.7	6.9	7.8	8.3	8.4	8.6
Social security pensions, assets	-0.5	0.6	1.3	0.5	0.2	0.2	0.2	0.2

Additional indicators	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, net/social sec. Pensions, gross, %	-2.9	84.1	83.4	83.4	82.6	81.7	81.2	81.2
Pensioners (social security, in 1000 persons)	3634	19822	20732	21502	23861	24929	24251	23456
Pensioners aged 65+ (1000 pers)	5110.2	16281	17568	18521	21107	22723	21958	21391
Share of pensioners below age 65 as % of all pensioners	-9%	18%	15%	14%	12%	9%	9%	9%
Average gross pension (social security - € 1000 in 2007 prices)	12.3	12.8	13.7	14.8	16.3	18.0	21.1	25.0
Benefit ratio (Social security pensions)	-8.9	51.4	49.7	49.7	45.9	42.9	42.5	42.5
Gross replacement rate at retirement (social security pensions)	:	:	:	:	:	:	:	:
Contributors (social security pensions, in 1000 persons)	-6135	31816	33347	33499	31201	29158	27549	25681
Support ratio (contributors/100 pensioners, social security pensions)	-51.0	161	161	156	131	117	114	109
High life expectancy as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.2	0.0	0.0	0.0	0.1	0.1	0.2	0.2
Old-age and early pensions, gross	0.2	0.0	0.0	0.0	0.1	0.1	0.2	0.2
High labour productivity as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.0
Old-age and early pensions, gross	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.0
Zero migration as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	1.9	0.0	0.1	0.2	0.6	1.1	1.6	1.9
Old-age and early pensions, gross	1.9	0.0	0.1	0.2	0.6	1.1	1.6	1.9
High employment rate (1 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Old-age and early pensions, gross	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
High older workers empl. Rate (5 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Old-age and early pensions, gross	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Decomposition of the increase (in p.p.) in pension expenditure (social security) - selected years	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Social security pensions, gross as % of GDP	2.4	10.3	10.1	10.5	11.5	12.1	12.3	12.8
Social security pensions, gross as % of GDP - p.p. ch. from 2007 due to :		-0.1	-0.4	0.0	1.1	1.6	1.9	2.3
Dependency ratio	7.8	0.1	0.8	1.8	4.9	7.0	7.3	7.9
Coverage ratio	-1.9	0.0	-0.2	-0.5	-1.3	-1.8	-1.8	-1.9
Employment effect	-0.6	-0.1	-0.5	-0.7	-0.7	-0.8	-0.7	-0.8
Benefit ratio	-2.1	-0.1	-0.4	-0.5	-1.3	-2.1	-2.2	-2.2
Interaction effect (residual)	-0.8	0.0	0.0	-0.2	-0.6	-0.7	-0.7	-0.8
over selected time periods	2007-2060		2007-2015	2015-2020	2025-2030	2035-2040	2045-2050	2055-2060
Social security pensions, gross as % of GDP	2.3		-0.36	0.38	0.55	0.20	0.15	0.22
Dependency ratio	7.9		0.82	0.96	1.86	0.44	0.29	0.18
Coverage ratio	-1.9		-0.21	-0.29	-0.51	-0.07	-0.04	0.00
Employment effect	-0.8		-0.51	-0.15	-0.07	-0.01	0.02	-0.01
Benefit ratio	-2.2		-0.43	-0.02	-0.45	-0.25	-0.07	0.03
Interaction effect (residual)	-0.77		-0.04	-0.13	-0.29	0.10	-0.05	0.03

Health care

Health care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	1.8	7.4	7.9	8.1	8.5	9.0	9.2	9.2
Pure ageing scenario	2.0	7.4	7.8	8.1	8.6	9.1	9.4	9.4
Labour intensity scenario	2.8	7.4	7.5	7.8	8.7	9.6	10.0	10.2
Constant health scenario	0.9	7.4	7.7	7.8	8.0	8.3	8.5	8.3
Fast cost growth scenario	2.7	7.4	8.4	8.7	9.2	9.7	10.0	10.1
Cost convergence scenario	:	:	:	:	:	:	:	:
Death-related cost scenario	1.5	7.4	7.6	7.9	8.3	8.8	9.0	8.9
Income elasticity scenario	2.4	7.4	7.9	8.3	8.8	9.4	9.7	9.8

Long-term care

Long-term care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	1.4	0.9	1.1	1.2	1.4	1.8	2.2	2.4
Pure demographic scenario	1.5	0.9	1.1	1.2	1.5	1.8	2.3	2.5
GDP per capita scenario	1.3	0.9	1.1	1.2	1.5	1.7	2.1	2.2
Constant disability scenario	1.3	0.9	1.0	1.1	1.4	1.7	2.1	2.2
GDP per worker fast growth scenario	1.8	0.9	1.2	1.3	1.6	2.0	2.5	2.7
Shift 1% of dependents from informal to home care scenario	1.7	0.9	1.1	1.2	1.6	1.9	2.4	2.6
Shift 1% of dependents from informal to institutional care scenario	2.0	0.9	1.2	1.4	1.8	2.2	2.7	2.9
Shift 1% of dependents from informal to home/institutional care scenario	1.8	0.9	1.2	1.3	1.7	2.1	2.6	2.8

Number of dependent people (in thousands)	% Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	75%	3201	3690	4078	4647	5390	5954	5613
of which: receiving formal care	120%	*1589*	*1908*	*2117*	*2542*	*2935*	*3483*	*3490*
relying on informal or no care	32%	*1612*	*1782*	*1961*	*2105*	*2455*	*2471*	*2123*
Pure demographic scenario	89%	3201	3743	4174	4825	5704	6345	6036
of which: receiving formal care	131%	*1589*	*1932*	*2159*	*2621*	*3070*	*3657*	*3677*
relying on informal or no care	46%	*1612*	*1811*	*2016*	*2204*	*2633*	*2688*	*2359*
Constant disability scenario	62%	3201	3637	3982	4469	5076	5563	5190
of which: receiving formal care	108%	*1589*	*1884*	*2075*	*2463*	*2800*	*3309*	*3303*
relying on informal or no care	17%	*1612*	*1753*	*1907*	*2006*	*2276*	*2253*	*1887*
Shift 1% of dependents from informal to home scenario	89%	3201	3743	4174	4825	5704	6345	6036
of which: receiving formal care	169%	*1589*	*2232*	*2576*	*3103*	*3641*	*4292*	*4280*
relying on informal or no care	9%	*1612*	*1511*	*1598*	*1722*	*2063*	*2054*	*1755*

Education

Education spending as % of GDP - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	-0.38	3.9	3.4	3.2	3.3	3.4	3.4	3.5
Expenditure decomposition (broadly constant) : Transfers (9%) - Staff (68%) - Other (23%)								
Primary	-0.02	0.6	0.5	0.5	0.6	0.6	0.6	0.6
Expenditure decomposition (broadly constant) : Transfers (0%) - Staff (77%) - Other (23%)								
Low secondary	-0.09	1.2	1.0	1.0	1.0	1.1	1.0	1.1
Expenditure decomposition (broadly constant) : Transfers (0%) - Staff (80%) - Other (20%)								
Upper secondary	-0.16	1.0	0.8	0.7	0.7	0.8	0.8	0.8
Expenditure decomposition (broadly constant) : Transfers (14%) - Staff (65%) - Other (21%)								
Tertiary education	-0.10	1.1	1.0	1.0	0.9	1.0	1.0	1.0
Expenditure decomposition (broadly constant) : Transfers (19%) - Staff (52%) - Other (29%)								
Number of students (in thousands)								
Total	-4059	14023	12531	11863	11406	11012	10328	9964
as % of population 5-24	0%	80%	80%	80%	80%	80%	80%	80%
Primary	-815	3311	2897	2840	2876	2666	2513	2496
Low secondary	-1423	5119	4617	4287	4250	4109	3803	3696
Upper secondary	-1189	3382	2880	2724	2475	2493	2325	2193
Tertiary education	-632	2211	2137	2013	1805	1743	1687	1579
Number of teachers (in thousands)								
Total	-243	846	761	719	690	666	625	603
Primary	-44	177	155	152	154	142	134	133
Low secondary	-92	331	298	277	275	266	246	239
Upper secondary	-58	165	140	132	120	121	113	107
Tertiary education	-50	173	168	158	142	137	132	124

Education spending as % of GDP - Higher compensation per teacher (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.06	0.0	0.0	0.1	0.1	0.1	0.1	0.1

Education spending as % of GDP - Higher ratio teachers/students (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.44	0.0	0.3	0.4	0.4	0.5	0.5	0.5

Education spending as % of GDP - Higher attainment rates in tertiary education (45% by 2020) (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.37	0.3	0.7	0.7	0.7	0.7	0.7	0.7

Unemployment benefit

Unemployment benefit - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Unemployment benefit spending as % of GDP	-0.3	0.9	0.8	0.6	0.6	0.6	0.6	0.6

LEGENDA:

*** The potential GDP and its components is used to estimate the rate of potential output growth, net of normal cyclical variations**

(1) Share of older population = Population aged 55 to 64 as % of population aged 15-64

(2) Old-age dependency ratio = Population aged 65 and over as a percentage of the population aged 15-64

(3) Total dependency ratio = Population under 15 and over 64 as a percentage of the population aged 15-64

(4) Total economic dependency ratio = Total population less employed as % of employed population 15-64

(5) Economic old-age dependency ratio (15-64) = Inactive population aged 65+ as % of employed population 15-64

NB: : = data not provided

Source : Commission Services (DG ECFIN), Eurostat (EUROPOP2008), EPC (AWG).

Estonia EC-EPC (AWG) 2009 projections

Main demographic and macroeconomic assumptions

Demographic projections - EUROPOP2008 (EUROSTAT)	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Fertility rate	0.1	1.55	1.56	1.57	1.60	1.62	1.64	1.66
Life expectancy at birth								
males	12.8	68.0	70.0	71.4	74.0	76.5	78.8	80.8
females	8.8	78.7	80.1	81.1	82.9	84.5	86.1	87.5
Life expectancy at 65								
males	6.9	13.0	14.0	14.7	16.0	17.3	18.6	19.9
females	6.1	18.1	19.0	19.6	20.8	22.0	23.1	24.2
Net migration (thousand)	0.2	-0.6	0.0	-0.1	-0.3	0.1	0.3	-0.3
Net migration as % of population	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Population (million)	-0.2	1.3	1.3	1.3	1.3	1.2	1.2	1.1
Children population (0-14) as % of total population	-0.8	14.8	16.3	16.9	15.1	13.8	14.5	14.0
Prime age population (25-54) as % of total population	-6.8	41.6	42.6	41.8	38.8	37.0	34.4	34.9
Working age population (15-64) as % of total population	-12.7	68.0	66.1	64.3	63.2	62.1	58.1	55.3
Elderly population (65 and over) as % of total population	13.6	17.2	17.7	18.8	21.7	24.2	27.4	30.7
Very elderly population (80 and over) as % of total population	7.1	3.6	4.5	5.2	5.9	7.8	9.0	10.7
Very elderly population (80 and over) as % of elderly population	13.8	21.2	25.7	27.8	27.0	32.3	33.0	35.0
Very elderly population (80 and over) as % of working age population	14.1	5.3	6.9	8.1	9.3	12.6	15.6	19.4
Macroeconomic assumptions*	AVG 07-60	2007	2015	2020	2030	2040	2050	2060
Potential GDP (growth rate)	2.1	7.8	3.2	2.6	2.2	1.0	0.6	1.2
Employment (growth rate)	-0.6	1.5	-0.7	-0.7	-0.5	-0.7	-1.1	-0.5
Labour input : hours worked (growth rate)	-0.6	1.6	-0.7	-0.7	-0.5	-0.7	-1.1	-0.5
Labour productivity per hour (growth rate)	2.6	6.0	3.9	3.3	2.7	1.7	1.7	1.7
TFP (growth rate)	1.5	2.7	1.8	1.8	1.8	1.1	1.1	1.1
Capital deepening (contribution to labour productivity growth)	1.2	3.3	2.1	1.6	0.9	0.6	0.6	0.6
GDP per capita (growth rate)	2.4	8.0	3.4	2.8	2.6	1.4	1.0	1.7
GDP per worker (growth rate)	2.7	6.2	4.0	3.3	2.7	1.7	1.7	1.7
GDP in 2007 prices (in millions euros)		15.5	22.5	25.8	32.4	37.1	40.0	43.6
Labour force assumptions	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Working age population (15-64) (in thousands)	-287	913	875	843	801	758	686	626
Population growth (working age:15-64)	0.2	-0.4	-0.9	-0.7	-0.4	-0.7	-1.2	-0.2
Labour force 15-64 (thousands)	-199	666	659	636	595	562	506	467
Participation rate (15-64)	1.6	72.9	75.4	75.4	74.3	74.1	73.7	74.5
young (15-24)	1.5	38.5	45.0	39.5	40.1	42.3	40.8	40.0
prime-age (25-54)	-0.7	88.4	87.5	87.6	87.8	87.3	87.8	87.8
older (55-64)	1.7	62.4	60.6	62.8	64.6	64.5	61.9	64.1
Participation rate (15-64) - FEMALES	2.6	68.8	70.7	71.5	71.1	71.0	70.6	71.4
young (15-24)	2.1	32.5	39.2	34.1	34.6	36.6	35.4	34.6
prime-age (25-54)	0.2	83.7	82.8	83.1	83.9	83.5	83.5	83.9
older (55-64)	3.7	61.4	57.1	62.3	65.3	64.9	63.1	65.1
Participation rate (15-64) - MALES	0.3	77.3	80.4	79.5	77.5	77.3	76.8	77.7
young (15-24)	0.9	44.3	50.6	44.6	45.3	47.7	46.0	45.2
prime-age (25-54)	-2.1	93.5	92.4	92.3	91.8	91.2	91.9	91.5
older (55-64)	-0.6	63.7	65.0	63.5	63.8	64.0	60.7	63.0
Employment rate (15-64)	2.6	69.4	72.8	72.8	71.7	71.5	71.2	72.0
Employment rate (20-64)	1.4	76.8	77.4	78.0	78.0	77.0	76.4	78.2
Employment rate (15-71)	-1.0	64.8	67.9	66.7	65.3	65.0	63.5	63.8
Unemployment rate (15-64)	-1.3	4.8	3.5	3.5	3.5	3.5	3.5	3.5
Employment (15-64) (in millions)	-0.2	0.6	0.6	0.6	0.6	0.5	0.5	0.5
share of young (15-24)	-2%	11%	9%	8%	10%	10%	9%	10%
share of prime-age (25-54)	0%	75%	75%	76%	73%	70%	71%	74%
share of older (55-64)	2%	14%	15%	17%	17%	20%	21%	16%
Dependency ratios:	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Share of older population (55-64) (1)	1.9	16.5	19.1	20.0	19.7	22.5	24.4	18.4
Old-age dependency ratio (2)	30	25	27	29	34	39	47	56
Total dependency ratio (3)	34	47	51	55	58	61	72	81
Total economic dependency ratio (4)	41	106	105	111	117	122	137	147
Economic old-age dependency ratio (15-64) (5)	41	32	34	37	45	51	62	73

Pension expenditure projections

Baseline scenario as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.7	5.6	6.2	5.9	5.6	5.4	5.3	4.9
Old-age and early pensions, gross	-0.5	4.9	5.2	5.0	4.8	4.7	4.7	4.3
Of which : earnings-related pensions, gross	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other pensions (disability, survivors), gross	-0.2	0.7	0.9	0.8	0.8	0.7	0.6	0.6
Occupational pensions, gross	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Private mandatory pensions, gross	1.8	0.0	0.0	0.1	0.3	0.7	1.4	1.8
Social security pensions, net	-0.7	5.6	6.2	5.9	5.6	5.4	5.3	4.9
Social security pensions, contributions	-0.5	6.1	6.0	5.9	5.7	5.6	5.6	5.6
Social security pensions, assets	4.3	2.5	0.0	0.0	0.2	1.3	3.3	6.8

Additional indicators	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, net/social sec. Pensions, gross, %	0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Pensioners (social security, in 1000 persons)	46	367	362	362	380	394	414	413
Pensioners aged 65+ (1000 pers)	98.6	230	233	243	267	283	307	328
Share of pensioners below age 65 as % of all pensioners	-17%	37%	35%	33%	30%	28%	26%	21%
Average gross pension (social security - € 1000 in 2007 prices)	2.8	2.4	3.8	4.2	4.7	5.1	5.1	5.2
Benefit ratio (Social security pensions)	-10.6	26.5	31.8	29.2	24.8	21.9	18.5	15.8
Gross replacement rate at retirement (social security pensions)	-0.1	0.3	0.3	0.3	0.3	0.2	0.2	0.2
Contributors (social security pensions, in 1000 persons)	-189	659	654	631	593	562	511	470
Support ratio (contributors/100 pensioners, social security pensions)	-65.6	179	181	174	156	143	123	114
High life expectancy as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.1	0.0	-0.1	-0.1	0.0	0.0	0.1	0.1
Old-age and early pensions, gross	0.1	0.0	-0.1	-0.1	0.0	0.0	0.1	0.1
High labour productivity as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1
Old-age and early pensions, gross	-0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1
Zero migration as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1
Old-age and early pensions, gross	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1
High employment rate (1 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Old-age and early pensions, gross	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
High older workers empl. Rate (5 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Old-age and early pensions, gross	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Decomposition of the increase (in p.p.) in pension expenditure (social security) - selected years	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Social security pensions, gross as % of GDP	-1.4	6.3	6.2	5.9	5.6	5.4	5.3	4.9
Social security pensions, gross as % of GDP - p.p. ch. from 2007 due to :		0.7	0.5	0.3	0.0	-0.2	-0.3	-0.7
Dependency ratio	4.6	0.0	0.4	0.9	1.9	2.6	3.7	4.6
Coverage ratio	-1.7	0.0	-0.2	-0.5	-0.9	-1.0	-1.3	-1.6
Employment effect	-0.2	0.0	-0.3	-0.3	-0.2	-0.2	-0.1	-0.2
Benefit ratio	-3.8	0.7	0.6	0.1	-0.8	-1.5	-2.3	-3.1
Interaction effect (residual)	-0.4	0.0	0.0	0.0	-0.1	-0.2	-0.3	-0.4
over selected time periods	2007-2060		2007-2015	2015-2020	2025-2030	2035-2040	2045-2050	2055-2060
Social security pensions, gross as % of GDP	-0.7		0.55	-0.29	-0.20	-0.06	-0.06	-0.27
Dependency ratio	4.6		0.36	0.57	0.46	0.43	0.64	0.18
Coverage ratio	-1.6		-0.19	-0.31	-0.18	-0.13	-0.15	-0.13
Employment effect	-0.2		-0.26	0.00	0.03	-0.01	0.02	-0.03
Benefit ratio	-3.1		0.60	-0.50	-0.46	-0.31	-0.48	-0.33
Interaction effect (residual)	-0.37		0.03	-0.06	-0.04	-0.04	-0.10	0.04

Health care

Health care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	1.2	4.9	5.2	5.3	5.5	5.8	6.0	6.1
Pure ageing scenario	1.2	4.9	5.1	5.2	5.4	5.7	6.0	6.2
Labour intensity scenario	2.3	4.9	5.0	5.2	5.6	6.0	6.7	7.2
Constant health scenario	0.4	4.9	5.0	5.0	5.0	5.1	5.2	5.3
Fast cost growth scenario	1.6	4.9	5.5	5.5	5.7	6.1	6.4	6.6
Cost convergence scenario	3.4	4.9	5.3	5.5	6.0	6.7	7.5	8.3
Death-related cost scenario	1.0	4.9	5.0	5.1	5.2	5.5	5.8	6.0
Income elasticity scenario	1.7	4.9	5.3	5.4	5.7	6.1	6.4	6.6

Long-term care

Long-term care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Pure demographic scenario	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
GDP per capita scenario	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Constant disability scenario	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
GDP per worker fast growth scenario	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
Shift 1% of dependents from informal to home care scenario	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
Shift 1% of dependents from informal to institutional care scenario	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.3
Shift 1% of dependents from informal to home/institutional care scenario	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2

Number of dependent people (in thousands)	% Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	61%	81	86	90	100	110	120	130
of which: receiving formal care	109%	*10*	*11*	*12*	*13*	*16*	*18*	*20*
relying on informal or no care	55%	*71*	*75*	*78*	*86*	*95*	*102*	*110*
Pure demographic scenario	70%	81	86	91	102	114	125	137
of which: receiving formal care	117%	*10*	*11*	*12*	*14*	*16*	*18*	*21*
relying on informal or no care	64%	*71*	*76*	*79*	*88*	*98*	*107*	*117*
Constant disability scenario	52%	81	85	89	97	106	115	123
of which: receiving formal care	100%	*10*	*11*	*12*	*13*	*15*	*17*	*19*
relying on informal or no care	46%	*71*	*74*	*77*	*84*	*91*	*98*	*104*
Shift 1% of dependents from informal to home scenario	70%	81	86	91	102	114	125	137
of which: receiving formal care	260%	*10*	*18*	*21*	*24*	*27*	*31*	*34*
relying on informal or no care	45%	*71*	*69*	*70*	*78*	*87*	*95*	*103*

Education

Education spending as % of GDP - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	-0.19	3.7	3.0	3.3	3.4	3.1	3.2	3.5
Expenditure decomposition (broadly constant) : Transfers (7%) - Staff (52%) - Other (41%)								
Primary	0.21	1.0	1.2	1.3	1.2	1.1	1.2	1.3
Expenditure decomposition (broadly constant) : Transfers (3%) - Staff (57%) - Other (40%)								
Low secondary	-0.03	0.8	0.6	0.7	0.8	0.7	0.7	0.8
Expenditure decomposition (broadly constant) : Transfers (4%) - Staff (57%) - Other (40%)								
Upper secondary	-0.25	1.1	0.7	0.8	0.9	0.8	0.8	0.9
Expenditure decomposition (broadly constant) : Transfers (5%) - Staff (53%) - Other (42%)								
Tertiary education	-0.13	0.7	0.6	0.5	0.5	0.5	0.5	0.5
Expenditure decomposition (broadly constant) : Transfers (21%) - Staff (38%) - Other (42%)								
Number of students (in thousands)								
Total	-84	270	230	235	231	200	190	186
as % of population 5-24	3%	80%	81%	85%	81%	81%	83%	83%
Primary	-10	77	87	93	83	68	71	67
Low secondary	-16	53	41	46	48	38	37	38
Upper secondary	-29	69	43	44	50	43	38	39
Tertiary education	-29	71	60	52	50	50	44	42
Number of teachers (in thousands)								
Total	-5	17	15	16	15	13	13	12
Primary	-1	5	6	7	6	5	5	5
Low secondary	-1	4	3	4	4	3	3	3
Upper secondary	-1	3	2	2	2	2	2	2
Tertiary education	-2	5	4	3	3	3	3	3

Education spending as % of GDP - Higher compensation per teacher (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.15	-0.1	0.0	0.0	0.1	0.1	0.0	0.1

Education spending as % of GDP - Higher ratio teachers/students (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.36	0.1	0.3	0.4	0.5	0.4	0.4	0.5

Education spending as % of GDP - Higher attainment rates in tertiary education (45% by 2020) (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.13	0.2	0.3	0.3	0.3	0.3	0.3	0.3

Unemployment benefit

Unemployment benefit - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Unemployment benefit spending as % of GDP	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0

LEGENDA:

*** The potential GDP and its components is used to estimate the rate of potential output growth, net of normal cyclical variations**

(1) Share of older population = Population aged 55 to 64 as % of population aged 15-64

(2) Old-age dependency ratio = Population aged 65 and over as a percentage of the population aged 15-64

(3) Total dependency ratio = Population under 15 and over 64 as a percentage of the population aged 15-64

(4) Total economic dependency ratio = Total population less employed as % of employed population 15-64

(5) Economic old-age dependency ratio (15-64) = Inactive population aged 65+ as % of employed population 15-64

NB: : = data not provided

Source : Commission Services (DG ECFIN), Eurostat (EUROPOP2008), EPC (AWG).

Ireland EC-EPC (AWG) 2009 projections

Main demographic and macroeconomic assumptions

Demographic projections - EUROPOP2008 (EUROSTAT)	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Fertility rate	0.0	1.90	1.90	1.90	1.89	1.89	1.88	1.88
Life expectancy at birth								
males	7.7	77.5	78.7	79.5	81.1	82.5	83.9	85.2
females	7.3	81.9	83.0	83.8	85.3	86.7	88.0	89.2
Life expectancy at 65								
males	5.5	16.8	17.5	18.1	19.2	20.3	21.3	22.2
females	5.6	19.7	20.6	21.2	22.3	23.4	24.4	25.4
Net migration (thousand)	-54.4	63.1	34.5	21.7	8.7	6.0	7.4	8.6
Net migration as % of population	-1.3	1.4	0.7	0.4	0.1	0.1	0.1	0.1
Population (million)	2.3	4.4	5.1	5.4	5.9	6.2	6.5	6.8
Children population (0-14) as % of total population	-3.4	20.4	21.1	21.1	18.9	17.4	17.5	17.0
Prime age population (25-54) as % of total population	-8.6	44.3	44.1	42.8	40.2	37.1	36.3	35.8
Working age population (15-64) as % of total population	-10.6	68.4	66.6	65.6	65.1	63.3	58.8	57.8
Elderly population (65 and over) as % of total population	14.0	11.2	12.2	13.3	16.0	19.4	23.7	25.2
Very elderly population (80 and over) as % of total population	6.8	2.8	2.9	3.1	4.3	5.7	7.3	9.6
Very elderly population (80 and over) as % of elderly population	13.2	24.8	23.9	23.6	26.6	29.3	30.6	38.0
Very elderly population (80 and over) as % of working age population	12.5	4.0	4.4	4.8	6.6	9.0	12.4	16.6
Macroeconomic assumptions*	AVG 07-60	2007	2015	2020	2030	2040	2050	2060
Potential GDP (growth rate)	2.4	5.2	3.4	2.9	2.3	1.8	1.6	2.0
Employment (growth rate)	0.7	3.3	1.5	1.1	0.7	0.1	-0.1	0.3
Labour input : hours worked (growth rate)	0.7	2.9	1.5	1.0	0.7	0.1	-0.1	0.3
Labour productivity per hour (growth rate)	1.8	2.2	1.8	1.8	1.7	1.7	1.7	1.7
TFP (growth rate)	1.1	1.4	1.1	1.1	1.1	1.1	1.1	1.1
Capital deepening (contribution to labour productivity growth)	0.6	0.8	0.7	0.7	0.6	0.6	0.6	0.6
GDP per capita (growth rate)	1.5	2.6	1.7	1.7	1.7	1.3	1.1	1.7
GDP per worker (growth rate)	1.7	1.8	1.8	1.8	1.7	1.7	1.7	1.7
GDP in 2007 prices (in millions euros)		185.6	249.0	289.6	373.5	458.0	536.4	640.0
Labour force assumptions	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Working age population (15-64) (in thousands)	947	2959	3366	3548	3826	3936	3838	3905
Population growth (working age:15-64)	-2.4	2.8	1.2	1.0	0.6	0.0	-0.2	0.4
Labour force 15-64 (thousands)	836	2144	2531	2684	2897	2989	2928	2980
Participation rate (15-64)	3.9	72.5	75.2	75.7	75.7	76.0	76.3	76.3
young (15-24)	-1.5	55.4	54.5	53.4	53.5	55.3	54.3	53.9
prime-age (25-54)	3.7	82.0	84.0	84.6	85.3	85.7	85.7	85.7
older (55-64)	14.0	55.1	62.3	65.6	68.1	68.6	68.3	69.1
Participation rate (15-64) - FEMALES	8.0	63.3	68.1	69.4	70.7	71.2	71.3	71.3
young (15-24)	-1.6	52.1	51.2	50.0	50.2	51.8	50.9	50.6
prime-age (25-54)	6.9	72.1	76.0	77.2	78.8	79.1	78.9	79.0
older (55-64)	27.8	40.4	54.8	61.0	66.2	67.7	67.3	68.2
Participation rate (15-64) - MALES	-0.3	81.4	82.1	81.8	80.6	80.5	81.2	81.1
young (15-24)	-1.4	58.6	57.7	56.6	56.6	58.6	57.5	57.2
prime-age (25-54)	0.5	91.6	91.8	91.8	91.7	92.1	92.3	92.1
older (55-64)	0.3	69.7	69.9	70.3	69.9	69.5	69.2	70.0
Employment rate (15-64)	3.4	69.1	71.4	71.8	71.9	72.1	72.5	72.4
Employment rate (20-64)	4.0	73.8	76.2	76.9	77.4	77.1	77.5	77.8
Employment rate (15-71)	1.3	65.8	67.4	67.7	67.5	67.0	65.9	67.1
Unemployment rate (15-64)	0.4	4.7	5.1	5.1	5.1	5.1	5.1	5.1
Employment (15-64) (in millions)	0.8	2.0	2.4	2.5	2.8	2.8	2.8	2.8
share of young (15-24)	-2%	16%	13%	13%	14%	14%	13%	13%
share of prime-age (25-54)	-3%	73%	74%	73%	70%	67%	70%	70%
share of older (55-64)	6%	11%	13%	14%	16%	20%	17%	17%
Dependency ratios:	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Share of older population (55-64) (1)	3.7	14.3	14.9	15.6	17.5	21.3	19.0	18.0
Old-age dependency ratio (2)	27	16	18	20	25	31	40	44
Total dependency ratio (3)	27	46	50	52	54	58	70	73
Total economic dependency ratio (4)	25	108	108	109	110	115	129	134
Economic old-age dependency ratio (15-64) (5)	33	21	23	25	30	38	50	55

Pension expenditure projections

Baseline scenario as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	4.6	4.0	4.3	4.6	5.4	6.4	8.0	8.6
Old-age and early pensions, gross	4.6	2.6	2.9	3.2	4.0	5.0	6.6	7.2
Of which : earnings-related pensions, gross	:	:	:	:	:	:	:	:
Other pensions (disability, survivors), gross	0.0	1.4	1.4	1.4	1.4	1.5	1.4	1.4
Occupational pensions, gross	1.5	1.2	1.6	1.8	2.1	2.2	2.5	2.7
Private mandatory pensions, gross	:	:	:	:	:	:	:	:
Social security pensions, net	:	:	:	:	:	:	:	:
Social security pensions, contributions	-0.1	4.6	4.5	4.5	4.5	4.5	4.5	4.5
Social security pensions, assets	-1.7	10.8	16.7	20.9	29.0	31.5	25.1	9.1

Additional indicators	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, net/social sec. Pensions, gross, %	:	:	:	:	:	:	:	:
Pensioners (social security, in 1000 persons)	1254	759	918	1023	1270	1541	1863	2013
Pensioners aged 65+ (1000 pers)	:	:	:	:	:	:	:	:
Share of pensioners below age 65 as % of all pensioners	:	:	:	:	:	:	:	:
Average gross pension (social security - € 1000 in 2007 prices)	17.5	9.7	11.7	13.0	15.8	19.1	23.0	27.3
Benefit ratio (Social security pensions)	4.3	27.3	29.1	29.7	30.4	31.0	31.5	31.6
Gross replacement rate at retirement (social security pensions)	:	:	:	:	:	:	:	:
Contributors (social security pensions, in 1000 persons)	1059	2715	3197	3392	3667	3789	3717	3775
Support ratio (contributors/100 pensioners, social security pensions)	-170.3	358	348	332	289	246	199	188
High life expectancy as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.2	0.0	0.0	0.0	0.0	0.1	0.1	0.2
Old-age and early pensions, gross	0.2	0.0	0.0	0.0	0.0	0.1	0.1	0.2
High labour productivity as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Old-age and early pensions, gross	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Zero migration as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.9	0.0	0.2	0.3	0.6	0.8	1.1	0.9
Old-age and early pensions, gross	0.8	0.0	0.2	0.3	0.5	0.8	1.1	0.8
High employment rate (1 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.1	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1
Old-age and early pensions, gross	-0.1	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1
High older workers empl. Rate (5 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.1	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1
Old-age and early pensions, gross	-0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1
Decomposition of the increase (in p.p.) in pension expenditure (social security) - selected years	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Social security pensions, gross as % of GDP	4.5	4.0	4.3	4.6	5.4	6.4	8.0	8.6
Social security pensions, gross as % of GDP - p.p. ch. from 2007 due to :		0.1	0.3	0.6	1.4	2.4	4.0	4.6
Dependency ratio	5.9	0.0	0.6	1.0	2.0	3.3	5.3	5.9
Coverage ratio	-1.5	0.0	-0.3	-0.4	-0.7	-1.0	-1.4	-1.5
Employment effect	-0.2	0.0	-0.1	-0.2	-0.2	-0.2	-0.2	-0.2
Benefit ratio	0.6	0.1	0.2	0.3	0.4	0.5	0.6	0.7
Interaction effect (residual)	-0.3	0.0	-0.1	-0.1	-0.1	-0.2	-0.3	-0.3
over selected time periods	2007-2060		2007-2015	2015-2020	2025-2030	2035-2040	2045-2050	2055-2060
Social security pensions, gross as % of GDP	4.6		0.33	0.29	0.42	0.57	0.83	0.16
Dependency ratio	5.9		0.55	0.44	0.53	0.73	1.04	0.13
Coverage ratio	-1.5		-0.26	-0.17	-0.14	-0.16	-0.18	-0.03
Employment effect	-0.2		-0.13	-0.03	0.00	-0.01	-0.03	0.00
Benefit ratio	0.7		0.23	0.08	0.06	0.05	0.06	0.02
Interaction effect (residual)	-0.25		-0.06	-0.02	-0.02	-0.04	-0.06	0.03

Health care

Health care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	1.8	5.8	6.0	6.1	6.5	6.9	7.3	7.6
Pure ageing scenario	2.0	5.8	6.0	6.1	6.5	7.0	7.5	7.8
Labour intensity scenario	2.9	5.8	6.0	6.1	6.6	7.2	8.1	8.7
Constant health scenario	1.0	5.8	5.8	5.9	6.1	6.4	6.6	6.8
Fast cost growth scenario	2.5	5.8	6.4	6.6	7.0	7.5	8.0	8.4
Cost convergence scenario	:	:	:	:	:	:	:	:
Death-related cost scenario	1.7	5.8	5.9	6.0	6.4	6.8	7.2	7.5
Income elasticity scenario	2.3	5.8	6.1	6.2	6.7	7.3	7.8	8.1

Long-term care

Long-term care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	1.3	0.8	0.9	0.9	1.1	1.4	1.8	2.2
Pure demographic scenario	1.4	0.8	0.9	0.9	1.1	1.4	1.8	2.3
GDP per capita scenario	1.1	0.8	0.9	0.9	1.1	1.4	1.6	2.0
Constant disability scenario	1.2	0.8	0.9	0.9	1.1	1.3	1.7	2.1
GDP per worker fast growth scenario	1.6	0.8	1.0	1.0	1.2	1.6	2.0	2.5
Shift 1% of dependents from informal to home care scenario	1.5	0.8	0.9	1.0	1.2	1.5	1.9	2.4
Shift 1% of dependents from informal to institutional care scenario	1.8	0.8	1.0	1.1	1.3	1.7	2.2	2.7
Shift 1% of dependents from informal to home/institutional care scenario	1.7	0.8	1.0	1.1	1.3	1.6	2.1	2.5

Number of dependent people (in thousands)	% Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	290%	93	117	135	180	236	306	361
of which: receiving formal care	360%	*62*	*78*	*90*	*124*	*170*	*225*	*286*
relying on informal or no care	146%	*30*	*39*	*45*	*56*	*66*	*81*	*75*
Pure demographic scenario	314%	93	118	137	186	245	321	383
of which: receiving formal care	384%	*62*	*79*	*91*	*128*	*176*	*235*	*301*
relying on informal or no care	172%	*30*	*39*	*45*	*58*	*69*	*86*	*83*
Constant disability scenario	266%	93	116	133	175	227	291	338
of which: receiving formal care	337%	*62*	*78*	*89*	*121*	*164*	*215*	*271*
relying on informal or no care	121%	*30*	*38*	*44*	*54*	*63*	*75*	*67*
Shift 1% of dependents from informal to home scenario	314%	93	118	137	186	245	321	383
of which: receiving formal care	446%	*62*	*88*	*105*	*146*	*201*	*267*	*339*
relying on informal or no care	46%	*30*	*30*	*32*	*39*	*45*	*54*	*44*

Education

Education spending as % of GDP - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	-0.31	4.5	4.4	4.4	4.4	4.0	4.1	4.2
Expenditure decomposition (broadly constant) : Transfers (10%) - Staff (66%) - Other (24%)								
Primary	-0.04	1.5	1.6	1.7	1.5	1.4	1.5	1.5
Expenditure decomposition (broadly constant) : Transfers (1%) - Staff (78%) - Other (21%)								
Low secondary	0.03	0.8	0.8	0.8	0.8	0.7	0.7	0.8
Expenditure decomposition (broadly constant) : Transfers (3%) - Staff (73%) - Other (24%)								
Upper secondary	-0.08	1.1	1.0	1.0	1.1	1.0	1.0	1.0
Expenditure decomposition (broadly constant) : Transfers (25%) - Staff (51%) - Other (23%)								
Tertiary education	-0.22	1.2	1.0	0.9	1.0	1.0	0.9	0.9
Expenditure decomposition (broadly constant) : Transfers (15%) - Staff (59%) - Other (27%)								
Number of students (in thousands)								
Total	319	1039	1183	1275	1345	1286	1315	1358
as % of population 5-24	0%	87%	89%	89%	86%	86%	88%	87%
Primary	163	467	579	629	613	583	624	630
Low secondary	75	173	200	225	251	228	233	248
Upper secondary	60	212	219	237	275	263	255	272
Tertiary education	21	186	185	184	206	212	202	208
Number of teachers (in thousands)								
Total	17	60	66	71	76	73	74	76
Primary	8	24	30	33	32	30	32	33
Low secondary	0	0	0	0	0	0	0	0
Upper secondary	7	26	26	29	33	32	31	33
Tertiary education	1	10	10	10	11	11	11	11

Education spending as % of GDP - Higher compensation per teacher (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.18	-0.1	-0.1	0.0	0.1	0.1	0.0	0.0

Education spending as % of GDP - Higher ratio teachers/students (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.52	-0.1	0.2	0.4	0.4	0.4	0.4	0.4

Education spending as % of GDP - Higher attainment rates in tertiary education (45% by 2020) (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.04	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Unemployment benefit

Unemployment benefit - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Unemployment benefit spending as % of GDP	0.1	0.8	0.9	0.9	0.9	0.8	0.8	0.8

LEGENDA:

*** The potential GDP and its components is used to estimate the rate of potential output growth, net of normal cyclical variations**

(1) Share of older population = Population aged 55 to 64 as % of population aged 15-64

(2) Old-age dependency ratio = Population aged 65 and over as a percentage of the population aged 15-64

(3) Total dependency ratio = Population under 15 and over 64 as a percentage of the population aged 15-64

(4) Total economic dependency ratio = Total population less employed as % of employed population 15-64

(5) Economic old-age dependency ratio (15-64) = Inactive population aged 65+ as % of employed population 15-64

NB: : = data not provided

Source : Commission Services (DG ECFIN), Eurostat (EUROPOP2008), EPC (AWG).

Greece EC-EPC (AWG) 2009 projections

Main demographic and macroeconomic assumptions

Demographic projections - EUROPOP2008 (EUROSTAT)	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Fertility rate	0.2	1.41	1.43	1.45	1.48	1.51	1.54	1.57
Life expectancy at birth								
males	7.4	77.4	78.6	79.4	80.9	82.3	83.6	84.8
females	6.1	82.6	83.5	84.1	85.3	86.5	87.6	88.7
Life expectancy at 65								
males	4.8	17.2	17.9	18.4	19.3	20.2	21.1	22.0
females	4.9	19.6	20.3	20.8	21.8	22.7	23.7	24.5
Net migration (thousand)	-12.9	39.7	39.9	38.2	37.2	36.6	31.0	26.8
Net migration as % of population	-0.1	0.4	0.3	0.3	0.3	0.3	0.3	0.2
Population (million)	-0.1	11.2	11.5	11.6	11.6	11.6	11.4	11.1
Children population (0-14) as % of total population	-1.3	14.3	14.5	14.4	13.0	12.7	13.1	12.9
Prime age population (25-54) as % of total population	-10.1	44.2	42.9	41.5	37.5	34.9	34.2	34.1
Working age population (15-64) as % of total population	-11.7	67.1	65.5	64.5	62.8	58.9	55.3	55.4
Elderly population (65 and over) as % of total population	13.0	18.6	20.0	21.1	24.2	28.4	31.5	31.7
Very elderly population (80 and over) as % of total population	9.4	4.1	5.8	6.5	7.1	8.9	11.2	13.5
Very elderly population (80 and over) as % of elderly population	20.6	22.0	29.1	30.7	29.4	31.4	35.6	42.6
Very elderly population (80 and over) as % of working age population	18.2	6.1	8.9	10.1	11.3	15.2	20.3	24.3
Macroeconomic assumptions*	AVG 07-60	2007	2015	2020	2030	2040	2050	2060
Potential GDP (growth rate)	1.8	3.8	2.7	2.9	1.3	1.0	1.2	1.4
Employment (growth rate)	-0.2	1.1	0.3	0.0	-0.4	-0.7	-0.5	-0.3
Labour input : hours worked (growth rate)	-0.2	1.3	0.3	0.0	-0.5	-0.7	-0.5	-0.3
Labour productivity per hour (growth rate)	2.0	2.5	2.4	2.9	1.8	1.7	1.7	1.7
TFP (growth rate)	1.2	1.3	1.3	1.7	1.2	1.1	1.1	1.1
Capital deepening (contribution to labour productivity growth)	0.8	1.2	1.1	1.1	0.6	0.6	0.6	0.6
GDP per capita (growth rate)	1.8	3.4	2.5	2.8	1.3	1.1	1.4	1.8
GDP per worker (growth rate)	2.0	2.7	2.4	2.9	1.8	1.7	1.7	1.7
GDP in 2007 prices (in millions euros)		228.9	291.2	331.1	396.8	444.2	494.7	565.0
Labour force assumptions	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Working age population (15-64) (in thousands)	-1340	7501	7513	7453	7273	6809	6335	6161
Population growth (working age:15-64)	-0.6	0.4	0.0	-0.2	-0.4	-0.8	-0.5	-0.2
Labour force 15-64 (thousands)	-797	5036	5208	5175	4964	4657	4376	4240
Participation rate (15-64)	1.7	67.1	69.3	69.4	68.3	68.4	69.1	68.8
young (15-24)	-0.1	32.8	33.7	32.7	33.0	33.6	32.8	32.7
prime-age (25-54)	2.8	82.1	84.1	84.7	85.0	84.9	85.1	84.9
older (55-64)	7.5	44.3	47.1	48.7	50.9	51.5	51.3	51.7
Participation rate (15-64) - FEMALES	5.7	55.2	59.1	60.1	60.0	60.6	61.2	61.0
young (15-24)	-1.2	29.3	28.9	28.2	28.4	29.0	28.2	28.1
prime-age (25-54)	6.7	69.2	73.5	74.8	76.0	75.8	76.0	75.9
older (55-64)	16.3	28.4	35.0	38.5	42.5	44.6	44.4	44.7
Participation rate (15-64) - MALES	-2.4	78.8	79.3	78.5	76.2	75.9	76.7	76.4
young (15-24)	1.1	36.0	38.2	37.0	37.5	38.1	37.2	37.1
prime-age (25-54)	-1.0	94.6	94.3	94.0	93.5	93.6	93.8	93.6
older (55-64)	-2.5	61.2	59.9	59.3	59.3	58.1	58.0	58.7
Employment rate (15-64)	3.1	61.4	64.4	65.1	64.0	64.1	64.8	64.6
Employment rate (20-64)	3.8	66.0	68.8	69.7	68.9	68.8	69.8	69.8
Employment rate (15-71)	1.3	56.2	58.8	59.2	57.3	56.3	56.6	57.5
Unemployment rate (15-64)	-2.3	8.5	7.1	6.2	6.2	6.2	6.2	6.2
Employment (15-64) (in millions)	-0.6	4.6	4.8	4.9	4.7	4.4	4.1	4.0
share of young (15-24)	0%	7%	6%	6%	7%	7%	7%	7%
share of prime-age (25-54)	-5%	81%	80%	79%	75%	74%	76%	76%
share of older (55-64)	4%	12%	14%	15%	18%	19%	17%	16%
Dependency ratios:	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Share of older population (55-64) (1)	3.6	17.4	19.2	20.4	23.5	24.6	21.6	21.0
Old-age dependency ratio (2)	29	28	31	33	38	48	57	57
Total dependency ratio (3)	31	49	53	55	59	70	81	80
Total economic dependency ratio (4)	37	140	136	136	146	162	176	177
Economic old-age dependency ratio (15-64) (5)	43	43	46	48	58	72	85	86

Pension expenditure projections

Baseline scenario as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	12.4	11.7	12.2	13.2	17.1	21.4	24.0	24.1
Old-age and early pensions, gross	9.0	8.8	9.1	9.9	13.1	16.3	17.9	17.7
Of which : earnings-related pensions, gross	9.9	7.6	8.3	9.3	12.7	16.0	17.6	17.5
Other pensions (disability, survivors), gross	3.5	2.9	3.1	3.3	4.0	5.1	6.1	6.4
Occupational pensions, gross	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Private mandatory pensions, gross	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Social security pensions, net	:	:	:	:	:	:	:	:
Social security pensions, contributions	0.0	8.5	9.0	9.1	9.4	8.3	8.3	8.5
Social security pensions, assets	:	:	:	:	:	:	:	:

Additional indicators	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, net/social sec. Pensions, gross, %	:	:	:	:	:	:	:	:
Pensioners (social security, in 1000 persons)	1557	2635	2751	2871	3262	3804	4158	4192
Pensioners aged 65+ (1000 pers)	1507.2	2091	2131	2205	2510	3033	3492	3599
Share of pensioners below age 65 as % of all pensioners	-6%	21%	23%	23%	23%	20%	16%	14%
Average gross pension (social security - € 1000 in 2007 prices)	22.3	10.1	12.9	15.2	20.8	25.0	28.5	32.5
Benefit ratio (Social security pensions)	7.4	73.1	74.7	77.9	85.6	86.9	83.7	80.5
Gross replacement rate at retirement (social security pensions)	5.9	60.6	66.7	67.9	70.7	67.8	70.0	66.5
Contributors (social security pensions, in 1000 persons)	-500	4608	4829	4856	4691	4443	4210	4107
Support ratio (contributors/100 pensioners, social security pensions)	-76.9	175	176	169	144	117	101	98
High life expectancy as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.3	0.0	-0.1	-0.1	-0.2	-0.1	0.1	0.3
Old-age and early pensions, gross	0.6	-0.1	-0.1	-0.1	-0.2	0.0	0.3	0.5
High labour productivity as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-2.0	0.0	-0.1	-0.3	-0.7	-1.2	-1.7	-2.1
Old-age and early pensions, gross	-1.3	-0.1	-0.1	-0.3	-0.6	-0.9	-1.2	-1.4
Zero migration as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	3.7	0.0	0.1	0.3	0.7	1.8	3.2	3.6
Old-age and early pensions, gross	2.8	-0.1	0.1	0.1	0.5	1.3	2.4	2.7
High employment rate (1 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.2	0.0	-0.2	-0.4	-0.5	-0.6	-0.4	-0.3
Old-age and early pensions, gross	0.1	-0.1	-0.2	-0.3	-0.5	-0.4	-0.2	0.0
High older workers empl. Rate (5 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.3	0.0	-0.2	-0.4	-0.6	-0.6	-0.5	-0.3
Old-age and early pensions, gross	0.0	-0.1	-0.2	-0.3	-0.5	-0.5	-0.3	0.0
Decomposition of the increase (in p.p.) in pension expenditure (social security) - selected years	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Social security pensions, gross as % of GDP	12.5	11.6	12.2	13.2	17.1	21.4	24.0	24.1
Social security pensions, gross as % of GDP - p.p. ch. from 2007 due to :		-0.1	0.5	1.5	5.4	9.7	12.3	12.4
Dependency ratio	12.7	0.1	1.2	2.1	4.5	8.8	12.7	12.7
Coverage ratio	-0.3	-0.1	-0.7	-0.9	-1.0	-1.1	-1.2	-0.4
Employment effect	-0.6	-0.1	-0.5	-0.7	-0.4	-0.5	-0.7	-0.6
Benefit ratio	0.8	0.0	0.5	1.0	2.4	2.6	1.8	0.8
Interaction effect (residual)	-0.1	0.0	-0.1	-0.1	0.0	-0.1	-0.2	-0.1
over selected time periods	2007-2060		2007-2015	2015-2020	2025-2030	2035-2040	2045-2050	2055-2060
Social security pensions, gross as % of GDP	12.4		0.49	1.00	2.26	2.01	0.98	-0.20
Dependency ratio	12.7		1.24	0.87	1.30	2.27	1.63	-0.20
Coverage ratio	-0.4		-0.67	-0.22	0.01	-0.03	-0.03	0.39
Employment effect	-0.6		-0.54	-0.14	0.12	-0.03	-0.14	0.06
Benefit ratio	0.8		0.52	0.50	0.76	-0.15	-0.46	-0.46
Interaction effect (residual)	-0.10		-0.06	-0.01	0.07	-0.06	-0.02	0.01

Health care

Health care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	1.4	5.0	5.3	5.4	5.7	6.0	6.3	6.4
Pure ageing scenario	1.5	5.0	5.2	5.3	5.6	6.0	6.3	6.4
Labour intensity scenario	2.4	5.0	5.1	5.2	5.7	6.5	7.1	7.3
Constant health scenario	0.7	5.0	5.1	5.2	5.3	5.5	5.7	5.7
Fast cost growth scenario	1.9	5.0	5.6	5.7	6.0	6.4	6.7	6.9
Cost convergence scenario	:	:	:	:	:	:	:	:
Death-related cost scenario	1.2	5.0	5.1	5.2	5.5	5.8	6.1	6.2
Income elasticity scenario	1.8	5.0	5.3	5.5	5.9	6.3	6.6	6.8

Long-term care

Long-term care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	2.2	1.4	1.7	1.8	2.0	2.5	3.1	3.6
Pure demographic scenario	2.4	1.4	1.7	1.8	2.1	2.6	3.3	3.8
GDP per capita scenario	2.0	1.4	1.7	1.9	2.1	2.5	2.9	3.4
Constant disability scenario	2.0	1.4	1.6	1.8	2.0	2.4	3.0	3.4
GDP per worker fast growth scenario	2.8	1.4	1.8	2.0	2.3	2.9	3.7	4.2
Shift 1% of dependents from informal to home care scenario	2.6	1.4	1.7	1.9	2.2	2.8	3.5	4.0
Shift 1% of dependents from informal to institutional care scenario	3.0	1.4	1.9	2.1	2.4	3.1	3.9	4.4
Shift 1% of dependents from informal to home/institutional care scenario	2.8	1.4	1.8	2.0	2.3	2.9	3.7	4.2

Number of dependent people (in thousands)	% Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	123%	338	425	460	511	607	704	753
of which: receiving formal care	158%	*239*	*310*	*343*	*386*	*465*	*553*	*615*
relying on informal or no care	38%	*100*	*115*	*116*	*125*	*142*	*150*	*138*
Pure demographic scenario	142%	338	431	470	532	644	759	820
of which: receiving formal care	176%	*239*	*314*	*350*	*399*	*489*	*589*	*660*
relying on informal or no care	61%	*100*	*117*	*120*	*132*	*155*	*169*	*160*
Constant disability scenario	103%	338	419	449	490	570	649	686
of which: receiving formal care	139%	*239*	*306*	*336*	*372*	*441*	*517*	*571*
relying on informal or no care	16%	*100*	*113*	*113*	*118*	*129*	*131*	*115*
Shift 1% of dependents from informal to home scenario	142%	338	431	470	532	644	759	820
of which: receiving formal care	211%	*239*	*348*	*397*	*453*	*553*	*665*	*742*
relying on informal or no care	-22%	*100*	*82*	*73*	*79*	*90*	*93*	*78*

Education

Education spending as % of GDP - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	-0.05	3.7	3.3	3.3	3.4	3.4	3.5	3.7
Expenditure decomposition (broadly constant) : Transfers (1%) - Staff (69%) - Other (31%)								
Primary	0.07	1.1	1.1	1.1	1.0	1.1	1.2	1.2
Expenditure decomposition (broadly constant) : Transfers (0%) - Staff (83%) - Other (17%)								
Low secondary	:	:	:	:	:	:	:	:
Expenditure decomposition (broadly constant) : Transfers (-%) - Staff (-%) - Other (-%)								
Upper secondary	0.01	1.3	1.1	1.1	1.2	1.2	1.2	1.3
Expenditure decomposition (broadly constant) : Transfers (0%) - Staff (80%) - Other (20%)								
Tertiary education	-0.12	1.3	1.1	1.1	1.2	1.2	1.2	1.2
Expenditure decomposition (broadly constant) : Transfers (1%) - Staff (46%) - Other (53%)								
Number of students (in thousands)								
Total	-254	2015	1946	1969	1915	1790	1779	1761
as % of population 5-24	0%	86%	86%	86%	85%	86%	86%	86%
Primary	-44	636	690	701	618	597	620	592
Low secondary	-28	336	325	353	332	302	310	308
Upper secondary	-49	399	361	373	390	348	343	351
Tertiary education	-133	644	569	542	575	542	506	510
Number of teachers (in thousands)								
Total	-18	174	170	175	168	156	157	155
Primary	-4	60	65	66	59	57	59	56
Low secondary	-3	41	40	43	41	37	38	38
Upper secondary	-6	49	44	45	48	42	42	43
Tertiary education	-5	23	20	19	21	19	18	18

Education spending as % of GDP - Higher compensation per teacher (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.14	-0.1	0.0	0.0	0.1	0.1	0.1	0.1

Education spending as % of GDP - Higher ratio teachers/students (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.51	0.2	0.4	0.6	0.7	0.7	0.7	0.7

Education spending as % of GDP - Higher attainment rates in tertiary education (45% by 2020) (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.02	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Unemployment benefit

Unemployment benefit - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Unemployment benefit spending as % of GDP	-0.1	0.3	0.3	0.2	0.2	0.2	0.2	0.2

LEGENDA:

*** The potential GDP and its components is used to estimate the rate of potential output growth, net of normal cyclical variations**

(1) Share of older population = Population aged 55 to 64 as % of population aged 15-64

(2) Old-age dependency ratio = Population aged 65 and over as a percentage of the population aged 15-64

(3) Total dependency ratio = Population under 15 and over 64 as a percentage of the population aged 15-64

(4) Total economic dependency ratio = Total population less employed as % of employed population 15-64

(5) Economic old-age dependency ratio (15-64) = Inactive population aged 65+ as % of employed population 15-64

NB: : = data not provided

Source : Commission Services (DG ECFIN), Eurostat (EUROPOP2008), EPC (AWG).

Spain EC-EPC (AWG) 2009 projections

Main demographic and macroeconomic assumptions

Demographic projections - EUROPOP2008 (EUROSTAT)	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Fertility rate	0.2	1.39	1.41	1.43	1.46	1.49	1.52	1.56
Life expectancy at birth								
males	7.5	77.4	78.6	79.4	80.9	82.3	83.7	84.9
females	5.7	83.9	84.7	85.4	86.5	87.6	88.6	89.6
Life expectancy at 65								
males	5.0	17.1	17.8	18.3	19.3	20.3	21.2	22.1
females	4.5	21.0	21.6	22.1	23.0	23.9	24.7	25.5
Net migration (thousand)	-493.6	623.4	375.8	263.1	160.8	150.5	135.2	129.9
Net migration as % of population	-1.1	1.4	0.8	0.5	0.3	0.3	0.3	0.3
Population (million)	6.6	45.3	49.4	51.1	52.7	53.3	53.2	51.9
Children population (0-14) as % of total population	-1.7	14.6	15.7	15.5	13.4	12.7	13.2	12.9
Prime age population (25-54) as % of total population	-13.2	46.9	45.5	43.4	38.4	34.8	33.9	33.7
Working age population (15-64) as % of total population	-14.0	68.8	67.0	66.3	64.5	59.6	54.7	54.7
Elderly population (65 and over) as % of total population	15.7	16.6	17.3	18.2	22.1	27.7	32.1	32.3
Very elderly population (80 and over) as % of total population	9.9	4.6	5.3	5.4	6.4	8.3	11.3	14.5
Very elderly population (80 and over) as % of elderly population	17.1	27.7	30.7	29.8	28.8	30.0	35.1	44.8
Very elderly population (80 and over) as % of working age population	19.8	6.7	7.9	8.2	9.9	13.9	20.6	26.5
Macroeconomic assumptions*	AVG 07-60	2007	2015	2020	2030	2040	2050	2060
Potential GDP (growth rate)	1.9	3.7	3.1	3.4	1.8	0.9	1.1	1.6
Employment (growth rate)	0.2	3.3	1.2	0.8	-0.1	-0.8	-0.6	-0.1
Labour input : hours worked (growth rate)	0.1	2.7	1.2	0.8	-0.1	-0.8	-0.6	-0.1
Labour productivity per hour (growth rate)	1.8	1.0	1.9	2.7	1.9	1.7	1.7	1.7
TFP (growth rate)	1.1	0.3	1.1	1.7	1.3	1.1	1.1	1.1
Capital deepening (contribution to labour productivity growth)	0.7	0.8	0.7	0.9	0.7	0.6	0.6	0.6
GDP per capita (growth rate)	1.6	2.1	2.1	2.9	1.7	0.8	1.2	1.9
GDP per worker (growth rate)	1.8	0.4	1.8	2.6	1.9	1.8	1.7	1.7
GDP in 2007 prices (in millions euros)		1049.8	1323.8	1546.8	1969.4	2242.3	2453.6	2810.3
Labour force assumptions	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Working age population (15-64) (in thousands)	-2188	30609	33071	33892	33964	31774	29120	28421
Population growth (working age:15-64)	-1.7	1.7	0.6	0.4	-0.3	-0.9	-0.5	-0.1
Labour force 15-64 (thousands)	65	21913	24856	25645	25932	24524	22598	21978
Participation rate (15-64)	5.7	71.6	75.2	75.7	76.4	77.2	77.6	77.3
young (15-24)	-1.6	48.2	47.6	45.7	46.9	48.0	46.8	46.6
prime-age (25-54)	4.5	82.9	85.5	86.2	87.1	87.4	87.5	87.4
older (55-64)	26.4	47.5	58.4	63.5	70.9	72.7	73.1	74.0
Participation rate (15-64) - FEMALES	11.4	61.5	67.9	69.6	71.5	72.9	73.2	72.9
young (15-24)	-1.7	43.6	42.9	41.1	42.1	43.2	42.0	41.9
prime-age (25-54)	9.2	72.7	78.0	79.8	81.7	81.9	81.9	82.0
older (55-64)	40.0	32.7	50.6	58.5	67.7	71.5	72.0	72.6
Participation rate (15-64) - MALES	0.2	81.5	82.2	81.5	81.0	81.3	81.9	81.6
young (15-24)	-1.4	52.6	52.2	50.2	51.4	52.6	51.3	51.2
prime-age (25-54)	0.0	92.6	92.6	92.4	92.3	92.7	92.9	92.6
older (55-64)	12.0	63.3	66.6	68.8	74.0	73.8	74.2	75.3
Employment rate (15-64)	6.9	65.6	69.5	71.0	71.6	72.4	72.8	72.5
Employment rate (20-64)	8.2	69.5	73.5	75.4	76.5	76.9	77.6	77.7
Employment rate (15-71)	4.0	60.8	64.0	65.2	64.4	63.6	63.4	64.8
Unemployment rate (15-64)	-2.1	8.3	7.5	6.2	6.2	6.2	6.2	6.2
Employment (15-64) (in millions)	0.5	20.1	23.0	24.1	24.3	23.0	21.2	20.6
share of young (15-24)	0%	10%	9%	8%	10%	9%	9%	10%
share of prime-age (25-54)	-9%	79%	78%	75%	68%	67%	70%	70%
share of older (55-64)	9%	11%	14%	16%	22%	24%	20%	20%
Dependency ratios:	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Share of older population (55-64) (1)	5.0	15.5	17.1	19.2	23.1	25.1	21.4	20.5
Old-age dependency ratio (2)	35	24	26	27	34	46	59	59
Total dependency ratio (3)	37	45	49	51	55	68	83	83
Total economic dependency ratio (4)	29	120	114	111	114	129	148	149
Economic old-age dependency ratio (15-64) (5)	43	36	36	37	46	61	77	79

Pension expenditure projections

Baseline scenario as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	6.7	8.4	9.2	9.5	10.8	13.2	15.5	15.1
Old-age and early pensions, gross	6.6	5.6	6.3	6.6	7.8	10.0	12.3	12.1
Of which : earnings-related pensions, gross	:	:	:	:	:	:	:	:
Other pensions (disability, survivors), gross	0.1	2.9	2.9	2.9	3.0	3.2	3.2	3.0
Occupational pensions, gross	0.2	0.4	0.5	0.5	0.6	0.7	0.7	0.7
Private mandatory pensions, gross	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Social security pensions, net	6.4	8.0	8.8	9.1	10.3	12.6	14.8	14.5
Social security pensions, contributions	-0.3	10.7	10.7	10.7	10.7	10.6	10.5	10.4
Social security pensions, assets	:	4.4	:	:	:	:	:	:

Additional indicators	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, net/social sec. Pensions, gross, %	0.4	95.3	95.3	95.3	95.4	95.5	95.6	95.6
Pensioners (social security, in 1000 persons)	8730	8075	8969	9775	12080	15017	17002	16805
Pensioners aged 65+ (1000 pers)	:	:	:	:	:	:	:	:
Share of pensioners below age 65 as % of all pensioners	:	:	:	:	:	:	:	:
Average gross pension (social security - € 1000 in 2007 prices)	14.3	11.0	13.6	15.0	17.6	19.8	22.3	25.3
Benefit ratio (Social security pensions)	-5.6	57.8	65.9	65.2	61.0	57.2	54.5	52.2
Gross replacement rate at retirement (social security pensions)	:	:	:	:	:	:	:	:
Contributors (social security pensions, in 1000 persons)	402	21510	24504	25326	25769	24544	22630	21911
Support ratio (contributors/100 pensioners, social security pensions)	-136.0	266	273	259	213	163	133	130
High life expectancy as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.3	0.0	0.0	0.0	0.0	0.1	0.2	0.3
Old-age and early pensions, gross	0.3	0.0	0.0	0.0	0.1	0.1	0.2	0.3
High labour productivity as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-1.0	0.0	0.0	-0.1	-0.4	-0.6	-0.9	-1.0
Old-age and early pensions, gross	-0.8	0.0	0.0	-0.1	-0.3	-0.5	-0.7	-0.8
Zero migration as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	3.0	0.0	0.6	0.9	1.5	2.5	3.6	3.0
Old-age and early pensions, gross	2.5	0.0	0.4	0.7	1.1	2.0	3.1	2.5
High employment rate (1 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.2	0.0	-0.1	-0.1	-0.1	-0.2	-0.2	-0.2
Old-age and early pensions, gross	-0.2	0.0	0.0	-0.1	-0.1	-0.1	-0.2	-0.2
High older workers empl. Rate (5 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.0	0.0	-0.2	-0.3	-0.3	-0.2	0.0	0.0
Old-age and early pensions, gross	0.0	0.0	-0.2	-0.3	-0.3	-0.2	0.0	0.0
Decomposition of the increase (in p.p.) in pension expenditure (social security) - selected years	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Social security pensions, gross as % of GDP	6.6	8.6	9.2	9.5	10.8	13.2	15.5	15.1
Social security pensions, gross as % of GDP - p.p. ch. from 2007 due to :		0.1	0.8	1.1	2.4	4.8	7.0	6.7
Dependency ratio	10.7	0.0	0.6	1.1	3.5	7.2	10.6	10.7
Coverage ratio	-0.8	0.0	-0.3	-0.3	-0.4	-0.6	-1.0	-0.9
Employment effect	-0.9	0.0	-0.5	-0.7	-0.8	-0.9	-0.9	-0.9
Benefit ratio	-2.0	0.2	1.1	1.0	0.3	-0.4	-1.1	-1.7
Interaction effect (residual)	-0.5	0.0	-0.1	-0.1	-0.2	-0.5	-0.6	-0.5
over selected time periods	2007-2060		2007-2015	2015-2020	2025-2030	2035-2040	2045-2050	2055-2060
Social security pensions, gross as % of GDP	6.7		0.80	0.27	0.73	1.37	0.82	-0.43
Dependency ratio	10.7		0.56	0.57	1.38	1.99	1.31	-0.24
Coverage ratio	-0.9		-0.31	0.01	-0.11	-0.10	-0.09	0.06
Employment effect	-0.9		-0.47	-0.19	-0.08	-0.03	-0.03	0.02
Benefit ratio	-1.7		1.10	-0.12	-0.37	-0.36	-0.35	-0.30
Interaction effect (residual)	-0.54		-0.08	-0.01	-0.09	-0.13	-0.01	0.03

Health care

Health care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	1.6	5.5	5.7	5.9	6.3	6.8	7.1	7.2
Pure ageing scenario	1.8	5.5	5.7	5.8	6.3	6.9	7.2	7.3
Labour intensity scenario	2.6	5.5	5.5	5.5	6.1	7.0	8.0	8.1
Constant health scenario	1.0	5.5	5.6	5.6	5.9	6.3	6.5	6.5
Fast cost growth scenario	2.3	5.5	6.1	6.2	6.7	7.3	7.7	7.8
Cost convergence scenario	:	:	:	:	:	:	:	:
Death-related cost scenario	1.5	5.5	5.6	5.7	6.1	6.6	7.0	7.0
Income elasticity scenario	2.1	5.5	5.8	6.0	6.5	7.1	7.5	7.6

Long-term care

Long-term care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	0.9	0.5	0.9	0.9	1.0	1.1	1.3	1.4
Pure demographic scenario	0.9	0.5	0.9	0.9	1.0	1.1	1.4	1.5
GDP per capita scenario	0.8	0.5	0.9	0.9	1.0	1.1	1.2	1.3
Constant disability scenario	0.8	0.5	0.9	0.9	1.0	1.1	1.3	1.3
GDP per worker fast growth scenario	1.0	0.5	0.9	1.0	1.0	1.2	1.5	1.6
Shift 1% of dependents from informal to home care scenario	1.0	0.5	0.9	0.9	1.0	1.2	1.4	1.5
Shift 1% of dependents from informal to institutional care scenario	2.8	0.5	1.4	1.6	1.8	2.3	3.0	3.3
Shift 1% of dependents from informal to home/institutional care scenario	1.5	0.5	1.1	1.1	1.3	1.5	1.9	2.0

Number of dependent people (in thousands)	% Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	155%	1728	2016	2158	2615	3317	4063	4403
of which: receiving formal care	548%	*362*	*1144*	*1235*	*1508*	*1898*	*2252*	*2346*
relying on informal or no care	51%	*1366*	*872*	*923*	*1107*	*1419*	*1810*	*2057*
Pure demographic scenario	173%	1728	2041	2199	2708	3486	4326	4721
of which: receiving formal care	592%	*362*	*1157*	*1257*	*1557*	*1988*	*2390*	*2506*
relying on informal or no care	62%	*1366*	*884*	*941*	*1150*	*1498*	*1935*	*2215*
Constant disability scenario	136%	1728	1992	2117	2523	3147	3799	4086
of which: receiving formal care	504%	*362*	*1131*	*1213*	*1458*	*1808*	*2114*	*2186*
relying on informal or no care	39%	*1366*	*861*	*904*	*1064*	*1339*	*1685*	*1900*
Shift 1% of dependents from informal to home scenario	173%	1680	1984	2137	2631	3387	4204	4592
of which: receiving formal care	983%	*362*	*1646*	*1916*	*2369*	*3033*	*3687*	*3920*
relying on informal or no care	-49%	*1318*	*338*	*221*	*262*	*354*	*518*	*672*

Education

Education spending as % of GDP - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.13	3.5	3.4	3.5	3.4	3.2	3.5	3.6
Expenditure decomposition (broadly constant) : Transfers (3%) - Staff (71%) - Other (26%)								
Primary	0.10	1.1	1.2	1.2	1.0	1.0	1.2	1.2
Expenditure decomposition (broadly constant) : Transfers (1%) - Staff (76%) - Other (23%)								
Low secondary	0.16	1.6	1.5	1.7	1.6	1.5	1.6	1.7
Expenditure decomposition (broadly constant) : Transfers (2%) - Staff (73%) - Other (25%)								
Upper secondary	:	:	:	:	:	:	:	:
Expenditure decomposition (broadly constant) : Transfers (-%) - Staff (-%) - Other (-%)								
Tertiary education	-0.13	0.9	0.7	0.7	0.7	0.7	0.7	0.7
Expenditure decomposition (broadly constant) : Transfers (8%) - Staff (61%) - Other (31%)								
Number of students (in thousands)								
Total	407	7524	8280	8839	8663	7899	7940	7932
as % of population 5-24	1%	81%	82%	83%	80%	81%	82%	82%
Primary	320	2693	3420	3616	3149	2973	3147	3013
Low secondary	256	1962	2197	2468	2456	2127	2166	2218
Upper secondary	50	1103	1088	1196	1315	1147	1104	1153
Tertiary education	-218	1765	1575	1559	1742	1652	1523	1548
Number of teachers (in thousands)								
Total	30	562	613	656	649	589	590	592
Primary	21	180	229	242	211	199	210	201
Low secondary	19	148	165	186	185	160	163	167
Upper secondary	5	111	110	121	133	116	111	116
Tertiary education	-15	123	109	108	121	115	106	108

Education spending as % of GDP - Higher compensation per teacher (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.15	-0.1	-0.1	0.0	0.1	0.1	0.0	0.1

Education spending as % of GDP - Higher ratio teachers/students (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.49	0.0	0.3	0.5	0.5	0.5	0.5	0.5

Education spending as % of GDP - Higher attainment rates in tertiary education (45% by 2020) (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Unemployment benefit

Unemployment benefit - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Unemployment benefit spending as % of GDP	-0.4	1.3	1.2	0.9	0.9	0.9	0.9	0.9

LEGENDA:

*** The potential GDP and its components is used to estimate the rate of potential output growth, net of normal cyclical variations**

(1) Share of older population = Population aged 55 to 64 as % of population aged 15-64

(2) Old-age dependency ratio = Population aged 65 and over as a percentage of the population aged 15-64

(3) Total dependency ratio = Population under 15 and over 64 as a percentage of the population aged 15-64

(4) Total economic dependency ratio = Total population less employed as % of employed population 15-64

(5) Economic old-age dependency ratio (15-64) = Inactive population aged 65+ as % of employed population 15-64

NB: : = data not provided

Source : Commission Services (DG ECFIN), Eurostat (EUROPOP2008), EPC (AWG).

France EC-EPC (AWG) 2009 projections

Main demographic and macroeconomic assumptions

Demographic projections - EUROPOP2008 (EUROSTAT)	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Fertility rate	0.0	1.98	1.98	1.97	1.96	1.95	1.94	1.93
Life expectancy at birth								
males	7.7	77.5	78.7	79.5	81.0	82.5	83.9	85.1
females	5.8	84.3	85.2	85.8	87.0	88.1	89.1	90.1
Life expectancy at 65								
males	4.8	17.7	18.4	18.9	19.9	20.8	21.7	22.5
females	4.1	22.0	22.7	23.1	23.9	24.7	25.5	26.2
Net migration (thousand)	-36.4	99.3	97.4	92.5	86.5	76.9	69.9	62.9
Net migration as % of population	-0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1
Population (million)	9.9	61.9	64.2	65.6	68.0	69.9	71.0	71.8
Children population (0-14) as % of total population	-1.7	18.3	18.4	18.2	17.4	17.0	17.0	16.7
Prime age population (25-54) as % of total population	-5.7	40.6	38.8	37.4	35.3	35.2	35.0	34.9
Working age population (15-64) as % of total population	-7.8	65.2	63.1	61.6	59.4	57.6	57.3	57.4
Elderly population (65 and over) as % of total population	9.4	16.5	18.5	20.2	23.2	25.3	25.6	25.9
Very elderly population (80 and over) as % of total population	5.8	5.0	5.9	6.0	7.3	9.3	10.5	10.8
Very elderly population (80 and over) as % of elderly population	11.2	30.4	31.8	29.9	31.5	36.9	40.9	41.6
Very elderly population (80 and over) as % of working age population	11.1	7.7	9.3	9.8	12.3	16.2	18.3	18.8
Macroeconomic assumptions*	AVG 07-60	2007	2015	2020	2030	2040	2050	2060
Potential GDP (growth rate)	1.8	2.1	2.0	1.9	1.7	1.8	1.8	1.8
Employment (growth rate)	0.2	1.0	0.3	0.1	0.0	0.1	0.1	0.1
Labour input : hours worked (growth rate)	0.1	0.6	0.3	0.1	0.0	0.1	0.1	0.1
Labour productivity per hour (growth rate)	1.7	1.5	1.7	1.7	1.7	1.7	1.7	1.7
TFP (growth rate)	1.1	0.9	1.1	1.1	1.1	1.1	1.1	1.1
Capital deepening (contribution to labour productivity growth)	0.6	0.7	0.6	0.6	0.6	0.6	0.6	0.6
GDP per capita (growth rate)	1.5	1.5	1.5	1.5	1.4	1.6	1.7	1.7
GDP per worker (growth rate)	1.7	1.1	1.7	1.7	1.7	1.7	1.7	1.7
GDP in 2007 prices (in millions euros)		1892.2	2212.8	2437.9	2900.1	3463.3	4129.6	4944.9
Labour force assumptions	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Working age population (15-64) (in thousands)	1070	40132	40498	40426	40415	40268	40737	41202
Population growth (working age:15-64)	-0.5	0.7	-0.1	0.0	-0.1	0.0	0.1	0.2
Labour force 15-64 (thousands)	1279	28224	28578	28615	28648	28870	29129	29503
Participation rate (15-64)	1.3	70.3	70.6	70.8	70.9	71.7	71.5	71.6
young (15-24)	0.8	39.4	40.5	39.7	40.2	40.4	40.1	40.2
prime-age (25-54)	0.6	88.3	88.6	88.8	88.9	88.9	89.0	88.9
older (55-64)	8.3	41.0	42.9	46.1	48.8	49.4	48.4	49.3
Participation rate (15-64) - FEMALES	2.3	65.6	66.5	66.8	67.0	67.9	67.7	67.9
young (15-24)	0.4	35.6	36.4	35.5	36.1	36.3	35.9	36.0
prime-age (25-54)	2.6	82.5	84.0	84.5	85.0	85.0	85.1	85.1
older (55-64)	8.1	38.5	40.6	43.6	45.4	46.6	45.5	46.6
Participation rate (15-64) - MALES	0.1	75.1	74.7	74.8	74.8	75.4	75.2	75.2
young (15-24)	1.1	43.0	44.4	43.7	44.1	44.4	44.0	44.1
prime-age (25-54)	-1.6	94.2	93.3	93.1	92.8	92.7	92.7	92.6
older (55-64)	8.5	43.6	45.4	48.9	52.4	52.3	51.4	52.0
Employment rate (15-64)	2.5	64.7	65.6	66.4	66.5	67.3	67.1	67.2
Employment rate (20-64)	2.8	70.4	71.0	72.1	72.4	73.2	73.0	73.1
Employment rate (15-71)	0.8	59.8	59.6	59.6	59.6	60.3	60.5	60.6
Unemployment rate (15-64)	-1.8	8.0	7.0	6.2	6.2	6.2	6.2	6.2
Employment (15-64) (in millions)	1.7	26.0	26.6	26.8	26.9	27.1	27.3	27.7
share of young (15-24)	1%	10%	10%	10%	10%	10%	10%	10%
share of prime-age (25-54)	-3%	80%	78%	77%	75%	76%	77%	76%
share of older (55-64)	3%	11%	12%	13%	14%	13%	13%	13%
Dependency ratios:	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Share of older population (55-64) (1)	0.7	18.4	19.8	20.1	20.4	18.9	19.2	19.1
Old-age dependency ratio (2)	20	25	29	33	39	44	45	45
Total dependency ratio (3)	21	53	59	62	68	74	74	74
Total economic dependency ratio (4)	21	137	140	143	151	156	158	158
Economic old-age dependency ratio (15-64) (5)	27	39	43	48	57	64	65	66

Pension expenditure projections

Baseline scenario as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	1.0	13.0	13.5	13.6	14.2	14.4	14.2	14.0
Old-age and early pensions, gross	1.0	13.0	13.5	13.6	14.2	14.4	14.2	14.0
Of which : earnings-related pensions, gross	:	:	:	:	:	:	:	:
Other pensions (disability, survivors), gross	:	:	:	:	:	:	:	:
Occupational pensions, gross	:	:	:	:	:	:	:	:
Private mandatory pensions, gross	:	:	:	:	:	:	:	:
Social security pensions, net	0.9	11.9	12.4	12.5	13.0	13.2	13.0	12.9
Social security pensions, contributions	0.0	12.6	12.7	12.7	12.7	12.7	12.7	12.7
Social security pensions, assets	-1.8	1.8	2.9	3.9	2.8	1.5	0.0	0.0

Additional indicators	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, net/social sec. Pensions, gross, %	0.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6
Pensioners (social security, in 1000 persons)	7925	14048	15931	17075	19382	20908	21595	21973
Pensioners aged 65+ (1000 pers)	:	:	:	:	:	:	:	:
Share of pensioners below age 65 as % of all pensioners	:	:	:	:	:	:	:	:
Average gross pension (social security - € 1000 in 2007 prices)	14.0	17.6	18.8	19.5	21.2	23.9	27.2	31.6
Benefit ratio (Social security pensions)	-15.8	63.3	60.6	57.7	52.9	50.3	48.3	47.5
Gross replacement rate at retirement (social security pensions)	:	:	:	:	:	:	:	:
Contributors (social security pensions, in 1000 persons)	2127	25399	26332	26637	26719	26969	27182	27525
Support ratio (contributors/100 pensioners, social security pensions)	-55.5	181	165	156	138	129	126	125
High life expectancy as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.4	0.0	0.0	0.0	0.1	0.2	0.3	0.4
Old-age and early pensions, gross	0.4	0.0	0.0	0.0	0.1	0.2	0.3	0.4
High labour productivity as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.8	0.0	-0.1	-0.2	-0.4	-0.6	-0.7	-0.8
Old-age and early pensions, gross	-0.8	0.0	-0.1	-0.2	-0.4	-0.6	-0.7	-0.8
Zero migration as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.9	0.0	0.2	0.3	0.6	0.9	1.0	0.9
Old-age and early pensions, gross	0.9	0.0	0.2	0.3	0.6	0.9	1.0	0.9
High employment rate (1 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.2	0.0	-0.1	-0.2	-0.2	-0.2	-0.2	-0.2
Old-age and early pensions, gross	-0.2	0.0	-0.1	-0.2	-0.2	-0.2	-0.2	-0.2
High older workers empl. Rate (5 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.4	0.0	-0.3	-0.5	-0.5	-0.4	-0.4	-0.4
Old-age and early pensions, gross	-0.4	0.0	-0.3	-0.5	-0.5	-0.4	-0.4	-0.4
Decomposition of the increase (in p.p.) in pension expenditure (social security) - selected years	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Social security pensions, gross as % of GDP	0.8	13.3	13.5	13.6	14.2	14.4	14.2	14.0
Social security pensions, gross as % of GDP - p.p. ch. from 2007 due to :		0.2	0.5	0.6	1.2	1.4	1.2	1.0
Dependency ratio	8.3	0.1	2.1	3.7	6.2	8.0	8.2	8.4
Coverage ratio	-2.4	0.2	-0.4	-1.0	-1.6	-2.2	-2.1	-2.2
Employment effect	-0.5	0.0	-0.2	-0.3	-0.4	-0.5	-0.5	-0.5
Benefit ratio	-4.0	0.0	-0.7	-1.4	-2.5	-3.2	-3.8	-4.0
Interaction effect (residual)	-0.7	0.0	-0.3	-0.4	-0.6	-0.7	-0.7	-0.7
over selected time periods	2007-2060		2007-2015	2015-2020	2025-2030	2035-2040	2045-2050	2055-2060
Social security pensions, gross as % of GDP	1.0		0.51	0.10	0.34	-0.05	-0.11	-0.07
Dependency ratio	8.4		2.12	1.61	1.23	0.78	0.16	0.01
Coverage ratio	-2.2		-0.44	-0.54	-0.28	-0.30	-0.04	0.02
Employment effect	-0.5		-0.18	-0.16	-0.03	-0.12	0.01	0.00
Benefit ratio	-4.0		-0.73	-0.68	-0.51	-0.39	-0.22	-0.09
Interaction effect (residual)	-0.66		-0.27	-0.13	-0.06	-0.03	-0.02	0.01

Health care

Health care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	1.2	8.1	8.4	8.6	8.9	9.2	9.3	9.4
Pure ageing scenario	1.4	8.1	8.4	8.6	9.0	9.3	9.5	9.5
Labour intensity scenario	2.1	8.1	8.4	8.7	9.4	10.0	10.2	10.3
Constant health scenario	0.4	8.1	8.2	8.3	8.5	8.6	8.6	8.5
Fast cost growth scenario	2.1	8.1	9.0	9.2	9.6	10.0	10.1	10.2
Cost convergence scenario	:	:	:	:	:	:	:	:
Death-related cost scenario	1.1	8.1	8.2	8.4	8.7	9.0	9.2	9.2
Income elasticity scenario	1.8	8.1	8.5	8.7	9.2	9.6	9.8	9.9

Long-term care

Long-term care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	0.8	1.4	1.5	1.6	1.8	2.0	2.2	2.2
Pure demographic scenario	0.9	1.4	1.5	1.6	1.8	2.1	2.2	2.3
GDP per capita scenario	0.7	1.4	1.5	1.5	1.7	1.9	2.1	2.1
Constant disability scenario	0.7	1.4	1.5	1.6	1.7	2.0	2.1	2.1
GDP per worker fast growth scenario	1.1	1.4	1.7	1.7	2.0	2.3	2.5	2.5
Shift 1% of dependents from informal to home care scenario	1.0	1.4	1.6	1.6	1.8	2.2	2.3	2.3
Shift 1% of dependents from informal to institutional care scenario	1.3	1.4	1.7	1.8	2.1	2.5	2.6	2.7
Shift 1% of dependents from informal to home/institutional care scenario	1.1	1.4	1.6	1.7	2.0	2.3	2.5	2.5

Number of dependent people (in thousands)	% Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	101%	2263	2651	2836	3459	4159	4458	4541
of which: receiving formal care	121%	*1505*	*1807*	*1941*	*2338*	*2939*	*3215*	*3330*
relying on informal or no care	60%	*758*	*844*	*895*	*1121*	*1220*	*1244*	*1212*
Pure demographic scenario	114%	2263	2676	2884	3581	4342	4704	4833
of which: receiving formal care	133%	*1505*	*1821*	*1970*	*2411*	*3049*	*3363*	*3506*
relying on informal or no care	75%	*758*	*855*	*915*	*1170*	*1293*	*1341*	*1327*
Constant disability scenario	88%	2263	2626	2788	3336	3976	4212	4250
of which: receiving formal care	109%	*1505*	*1792*	*1913*	*2265*	*2828*	*3066*	*3153*
relying on informal or no care	45%	*758*	*834*	*875*	*1071*	*1148*	*1146*	*1097*
Shift 1% of dependents from informal to home scenario	114%	2263	2676	2884	3581	4342	4704	4833
of which: receiving formal care	165%	*1505*	*2036*	*2258*	*2769*	*3484*	*3834*	*3989*
relying on informal or no care	11%	*758*	*641*	*626*	*811*	*859*	*870*	*843*

Education

Education spending as % of GDP - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	-0.04	4.7	4.6	4.6	4.7	4.6	4.7	4.6
Expenditure decomposition (broadly constant) : Transfers (4%) - Staff (70%) - Other (26%)								
Primary	0.00	1.1	1.1	1.2	1.1	1.1	1.1	1.1
Expenditure decomposition (broadly constant) : Transfers (3%) - Staff (69%) - Other (28%)								
Low secondary	0.04	1.2	1.3	1.3	1.3	1.3	1.3	1.3
Expenditure decomposition (broadly constant) : Transfers (3%) - Staff (72%) - Other (25%)								
Upper secondary	-0.03	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Expenditure decomposition (broadly constant) : Transfers (4%) - Staff (71%) - Other (25%)								
Tertiary education	-0.04	1.1	1.0	1.0	1.0	1.0	1.0	1.0
Expenditure decomposition (broadly constant) : Transfers (8%) - Staff (66%) - Other (26%)								
Number of students (in thousands)								
Total	812	11961	12172	12472	12604	12521	12733	12773
as % of population 5-24	0%	78%	79%	79%	78%	78%	79%	78%
Primary	278	3957	4179	4244	4172	4195	4296	4236
Low secondary	335	3218	3415	3492	3505	3450	3549	3553
Upper secondary	131	2720	2605	2725	2817	2769	2800	2851
Tertiary education	68	2066	1972	2011	2111	2107	2087	2134
Number of teachers (in thousands)								
Total	53	768	779	800	810	803	817	821
Primary	15	210	222	225	221	223	228	225
Low secondary	24	227	241	246	247	243	250	251
Upper secondary	11	229	219	229	237	233	236	240
Tertiary education	3	102	97	99	104	104	103	105

Education spending as % of GDP - Higher compensation per teacher (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.09	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0

Education spending as % of GDP - Higher ratio teachers/students (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.57	-0.2	0.1	0.3	0.4	0.4	0.4	0.4

Education spending as % of GDP - Higher attainment rates in tertiary education (45% by 2020) (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.04	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Unemployment benefit

Unemployment benefit - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Unemployment benefit spending as % of GDP	-0.3	1.2	1.1	0.9	0.9	0.9	0.9	0.9

LEGENDA:

*** The potential GDP and its components is used to estimate the rate of potential output growth, net of normal cyclical variations**

(1) Share of older population = Population aged 55 to 64 as % of population aged 15-64

(2) Old-age dependency ratio = Population aged 65 and over as a percentage of the population aged 15-64

(3) Total dependency ratio = Population under 15 and over 64 as a percentage of the population aged 15-64

(4) Total economic dependency ratio = Total population less employed as % of employed population 15-64

(5) Economic old-age dependency ratio (15-64) = Inactive population aged 65+ as % of employed population 15-64

NB: : = data not provided

Source : Commission Services (DG ECFIN), Eurostat (EUROPOP2008), EPC (AWG).

Italy EC-EPC (AWG) 2009 projections

Main demographic and macroeconomic assumptions

Demographic projections - EUROPOP2008 (EUROSTAT)	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Fertility rate	0.2	1.38	1.41	1.42	1.46	1.49	1.52	1.55
Life expectancy at birth								
males	6.9	78.5	79.6	80.3	81.7	83.1	84.3	85.5
females	5.8	84.2	85.1	85.7	86.9	88.0	89.0	90.0
Life expectancy at 65								
males	4.9	17.5	18.2	18.7	19.7	20.6	21.5	22.4
females	4.5	21.4	22.1	22.5	23.4	24.3	25.1	25.9
Net migration (thousand)	-85.3	259.5	248.6	240.8	248.7	229.5	193.4	174.3
Net migration as % of population	-0.1	0.4	0.4	0.4	0.4	0.4	0.3	0.3
Population (million)	-0.1	59.5	60.9	61.4	61.9	62.0	61.2	59.4
Children population (0-14) as % of total population	-1.9	14.0	13.9	13.4	12.2	12.2	12.3	12.1
Prime age population (25-54) as % of total population	-9.9	43.7	42.3	40.5	36.3	34.9	34.1	33.7
Working age population (15-64) as % of total population	-10.8	65.9	64.5	63.9	61.6	57.0	55.1	55.1
Elderly population (65 and over) as % of total population	12.6	20.1	21.7	22.7	26.2	30.8	32.6	32.7
Very elderly population (80 and over) as % of total population	9.4	5.5	6.6	7.3	8.5	10.0	13.1	14.9
Very elderly population (80 and over) as % of elderly population	18.2	27.4	30.6	32.3	32.5	32.4	40.2	45.6
Very elderly population (80 and over) as % of working age population	18.7	8.3	10.3	11.4	13.8	17.5	23.8	27.0
Macroeconomic assumptions*	AVG 07-60	2007	2015	2020	2030	2040	2050	2060
Potential GDP (growth rate)	1.4	1.5	2.1	1.9	1.4	1.0	1.3	1.4
Employment (growth rate)	-0.1	1.3	0.5	0.2	-0.3	-0.7	-0.4	-0.3
Labour input : hours worked (growth rate)	-0.1	1.2	0.5	0.2	-0.3	-0.6	-0.4	-0.3
Labour productivity per hour (growth rate)	1.6	0.3	1.5	1.6	1.7	1.7	1.7	1.7
TFP (growth rate)	1.0	0.1	1.1	1.1	1.1	1.1	1.1	1.1
Capital deepening (contribution to labour productivity growth)	0.5	0.2	0.4	0.5	0.6	0.6	0.6	0.6
GDP per capita (growth rate)	1.4	0.9	1.8	1.7	1.3	1.1	1.5	1.8
GDP per worker (growth rate)	1.5	0.2	1.5	1.6	1.7	1.7	1.7	1.7
GDP in 2007 prices (in millions euros)		1535.5	1751.6	1925.5	2264.6	2525.0	2846.9	3258.6
Labour force assumptions	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Working age population (15-64) (in thousands)	-6288	39036	39281	39273	38118	35337	33727	32749
Population growth (working age:15-64)	-0.7	0.4	-0.1	0.0	-0.7	-0.8	-0.3	-0.3
Labour force 15-64 (thousands)	-2281	24435	25821	26076	25688	23932	22912	22154
Participation rate (15-64)	5.1	62.6	65.7	66.4	67.4	67.7	67.9	67.7
young (15-24)	1.1	31.2	32.7	31.9	32.7	32.7	32.1	32.3
prime-age (25-54)	1.2	77.6	78.4	78.8	78.9	78.8	78.9	78.8
older (55-64)	28.4	34.7	48.7	54.0	62.3	61.9	62.8	63.1
Participation rate (15-64) - FEMALES	6.2	50.7	55.0	56.0	56.9	57.0	57.1	56.8
young (15-24)	0.6	25.6	26.6	25.9	26.6	26.6	26.1	26.3
prime-age (25-54)	3.3	64.1	66.7	67.7	67.9	67.4	67.5	67.4
older (55-64)	27.1	23.4	37.6	42.7	50.0	49.9	50.3	50.5
Participation rate (15-64) - MALES	3.4	74.5	76.4	76.6	77.7	78.1	78.3	77.9
young (15-24)	1.5	36.5	38.3	37.5	38.5	38.3	37.8	37.9
prime-age (25-54)	-1.4	91.0	89.9	89.7	89.5	89.6	89.7	89.6
older (55-64)	28.8	46.6	60.4	65.8	75.0	74.3	75.3	75.4
Employment rate (15-64)	5.0	58.7	62.0	62.6	63.5	63.8	64.0	63.8
Employment rate (20-64)	5.7	62.9	66.1	67.0	68.0	68.3	68.7	68.6
Employment rate (15-71)	3.7	53.3	56.1	56.7	56.7	56.1	57.1	57.0
Unemployment rate (15-64)	-0.4	6.2	5.8	5.8	5.8	5.8	5.8	5.8
Employment (15-64) (in millions)	-2.0	22.9	24.3	24.6	24.2	22.6	21.6	20.9
share of young (15-24)	0%	7%	6%	6%	6%	6%	6%	7%
share of prime-age (25-54)	-11%	83%	79%	76%	69%	72%	72%	72%
share of older (55-64)	11%	10%	15%	18%	24%	22%	21%	22%
Dependency ratios:	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Share of older population (55-64) (1)	4.0	18.3	19.3	21.6	25.3	23.3	22.1	22.4
Old-age dependency ratio (2)	29	30	34	35	42	54	59	59
Total dependency ratio (3)	30	52	55	56	62	75	82	81
Total economic dependency ratio (4)	25	156	149	148	152	171	180	181
Economic old-age dependency ratio (15-64) (5)	39	50	53	55	64	80	89	89

Pension expenditure projections

Baseline scenario as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.4	14.0	14.0	14.1	14.8	15.6	14.7	13.6
Old-age and early pensions, gross	-0.2	13.5	13.5	13.6	14.4	15.2	14.4	13.3
Of which : earnings-related pensions, gross	-0.5	13.2	13.3	13.3	13.9	14.7	13.9	12.7
Other pensions (disability, survivors), gross	-0.2	0.5	0.5	0.5	0.4	0.3	0.3	0.3
Occupational pensions, gross	:	:	:	:	:	:	:	:
Private mandatory pensions, gross	:	:	:	:	:	:	:	:
Social security pensions, net	-0.4	11.9	12.0	12.1	12.7	13.5	12.7	11.5
Social security pensions, contributions	0.2	10.4	10.6	10.6	10.6	10.5	10.6	10.6
Social security pensions, assets	:	:	:	:	:	:	:	:

Additional indicators	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, net/social sec. Pensions, gross, %	-0.4	85.3	85.3	85.4	86.1	86.8	86.1	84.9
Pensioners (social security, in 1000 persons)	4995	15807	16116	16819	19299	21335	21304	20802
Pensioners aged 65+ (1000 pers)	6698.3	11811	12902	13529	15791	18566	19153	18509
Share of pensioners below age 65 as % of all pensioners	-14%	25%	20%	20%	18%	13%	10%	11%
Average gross pension (social security - € 1000 in 2007 prices)	7.7	13.6	15.2	16.2	17.4	18.4	19.7	21.3
Benefit ratio (Social security pensions)	-21.2	68.5	71.9	70.5	64.1	57.3	51.7	47.3
Gross replacement rate at retirement (social security pensions)	-17.3	66.8	73.3	65.5	57.6	56.0	51.0	49.4
Contributors (social security pensions, in 1000 persons)	-1628	23550	25003	25404	25304	23835	22687	21922
Support ratio (contributors/100 pensioners, social security pensions)	-43.6	149	155	151	131	112	106	105
High life expectancy as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1
Old-age and early pensions, gross	0.2	0.0	0.0	0.0	0.1	0.1	0.1	0.2
High labour productivity as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.5	0.0	-0.1	-0.2	-0.4	-0.5	-0.6	-0.5
Old-age and early pensions, gross	-0.5	0.0	-0.1	-0.2	-0.4	-0.5	-0.5	-0.5
Zero migration as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	2.1	0.0	0.5	0.9	1.8	2.8	2.9	2.1
Old-age and early pensions, gross	2.1	0.0	0.5	0.9	1.7	2.7	2.9	2.1
High employment rate (1 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.0	0.0	-0.1	-0.2	-0.2	-0.1	-0.1	0.0
Old-age and early pensions, gross	0.0	0.0	-0.1	-0.2	-0.2	-0.1	-0.1	0.0
High older workers empl. Rate (5 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.1	0.0	-0.2	-0.3	-0.2	0.0	0.1	0.1
Old-age and early pensions, gross	0.1	0.0	-0.2	-0.3	-0.2	0.0	0.1	0.1
Decomposition of the increase (in p.p.) in pension expenditure (social security) - selected years	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Social security pensions, gross as % of GDP	-0.5	14.1	14.0	14.1	14.8	15.6	14.7	13.6
Social security pensions, gross as % of GDP - p.p. ch. from 2007 due to :		0.1	0.0	0.1	0.8	1.6	0.7	-0.4
Dependency ratio	10.3	0.1	1.6	2.4	5.1	8.9	10.4	10.4
Coverage ratio	-3.0	-0.2	-1.3	-1.4	-1.6	-2.6	-3.3	-3.2
Employment effect	-1.1	0.0	-0.7	-0.9	-1.1	-1.2	-1.2	-1.1
Benefit ratio	-5.7	0.2	0.6	0.3	-1.0	-2.7	-4.2	-5.5
Interaction effect (residual)	-1.0	0.0	-0.1	-0.2	-0.5	-1.0	-1.0	-1.0
over selected time periods	2007-2060		2007-2015	2015-2020	2025-2030	2035-2040	2045-2050	2055-2060
Social security pensions, gross as % of GDP	-0.4		0.01	0.10	0.48	0.33	-0.67	-0.57
Dependency ratio	10.4		1.60	0.78	1.69	1.83	0.36	-0.03
Coverage ratio	-3.2		-1.27	-0.16	-0.19	-0.51	-0.26	0.00
Employment effect	-1.1		-0.73	-0.14	-0.10	-0.03	0.00	0.01
Benefit ratio	-5.5		0.56	-0.28	-0.72	-0.78	-0.81	-0.54
Interaction effect (residual)	-0.98		-0.15	-0.10	-0.20	-0.18	0.04	-0.01

Health care

Health care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	1.1	5.9	6.1	6.2	6.5	6.9	7.0	6.9
Pure ageing scenario	1.2	5.9	6.1	6.2	6.6	6.9	7.1	7.1
Labour intensity scenario	1.8	5.9	5.9	6.0	6.4	7.2	7.7	7.7
Constant health scenario	0.5	5.9	5.9	6.0	6.2	6.4	6.5	6.3
Fast cost growth scenario	1.7	5.9	6.5	6.7	7.0	7.4	7.6	7.6
Cost convergence scenario	:	:	:	:	:	:	:	:
Death-related cost scenario	1.0	5.9	5.9	6.1	6.4	6.7	6.9	6.9
Income elasticity scenario	1.5	5.9	6.1	6.3	6.7	7.1	7.3	7.3

Long-term care

Long-term care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	1.3	1.7	1.8	1.8	2.0	2.3	2.8	3.0
Pure demographic scenario	1.4	1.7	1.8	1.8	2.0	2.4	2.9	3.1
GDP per capita scenario	1.2	1.7	1.8	1.9	2.1	2.3	2.7	2.8
Constant disability scenario	1.1	1.7	1.8	1.8	1.9	2.3	2.6	2.8
GDP per worker fast growth scenario	1.7	1.7	1.9	2.0	2.2	2.7	3.2	3.4
Shift 1% of dependents from informal to home care scenario	1.9	1.7	2.0	2.1	2.3	2.8	3.3	3.6
Shift 1% of dependents from informal to institutional care scenario	2.5	1.7	2.2	2.4	2.7	3.2	3.9	4.2
Shift 1% of dependents from informal to home/institutional care scenario	2.2	1.7	2.1	2.2	2.5	3.0	3.6	3.9

Number of dependent people (in thousands)	% Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	89%	2515	2904	3097	3503	4109	4698	4749
of which: receiving formal care	96%	*524*	*612*	*652*	*746*	*877*	*1011*	*1028*
relying on informal or no care	87%	*1992*	*2292*	*2445*	*2757*	*3232*	*3686*	*3721*
Pure demographic scenario	102%	2515	2942	3170	3643	4345	5016	5092
of which: receiving formal care	109%	*524*	*619*	*665*	*772*	*920*	*1072*	*1094*
relying on informal or no care	101%	*1992*	*2323*	*2505*	*2871*	*3425*	*3944*	*3998*
Constant disability scenario	75%	2515	2865	3024	3362	3873	4379	4407
of which: receiving formal care	84%	*524*	*605*	*638*	*720*	*833*	*950*	*962*
relying on informal or no care	73%	*1992*	*2260*	*2386*	*2642*	*3040*	*3429*	*3445*
Shift 1% of dependents from informal to home scenario	102%	2515	2942	3170	3643	4345	5016	5092
of which: receiving formal care	206%	*524*	*854*	*982*	*1136*	*1355*	*1574*	*1603*
relying on informal or no care	75%	*1992*	*2088*	*2188*	*2507*	*2990*	*3443*	*3489*

Education

Education spending as % of GDP - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	-0.33	4.1	3.9	3.8	3.6	3.6	3.8	3.8
Expenditure decomposition (broadly constant) : Transfers (5%) - Staff (69%) - Other (27%)								
Primary	-0.08	1.1	1.1	1.1	0.9	1.0	1.1	1.0
Expenditure decomposition (broadly constant) : Transfers (2%) - Staff (73%) - Other (25%)								
Low secondary	-0.04	0.8	0.8	0.8	0.7	0.7	0.8	0.8
Expenditure decomposition (broadly constant) : Transfers (1%) - Staff (77%) - Other (22%)								
Upper secondary	-0.10	1.3	1.2	1.2	1.2	1.2	1.2	1.2
Expenditure decomposition (broadly constant) : Transfers (2%) - Staff (72%) - Other (26%)								
Tertiary education	-0.10	0.9	0.8	0.7	0.8	0.7	0.7	0.8
Expenditure decomposition (broadly constant) : Transfers (16%) - Staff (49%) - Other (35%)								
Number of students (in thousands)								
Total	-1195	9534	9492	9494	8969	8567	8550	8339
as % of population 5-24	-1%	82%	81%	82%	80%	81%	82%	81%
Primary	-338	2821	2972	2890	2597	2596	2620	2483
Low secondary	-175	1773	1814	1874	1680	1625	1654	1598
Upper secondary	-337	2865	2757	2826	2736	2532	2543	2529
Tertiary education	-346	2075	1949	1905	1956	1814	1733	1729
Number of teachers (in thousands)								
Total	-150	789	729	731	683	656	657	639
Primary	-50	265	257	250	225	225	227	215
Low secondary	-29	173	163	169	151	146	149	144
Upper secondary	-46	249	220	226	219	203	203	202
Tertiary education	-24	102	88	86	88	82	78	78

Education spending as % of GDP - Higher compensation per teacher (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.03	0.0	-0.1	0.0	0.0	0.0	0.0	0.0

Education spending as % of GDP - Higher ratio teachers/students (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.12	0.0	-0.1	0.0	0.1	0.1	0.1	0.1

Education spending as % of GDP - Higher attainment rates in tertiary education (45% by 2020) (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.10	0.0	0.0	0.0	0.1	0.1	0.1	0.1

Unemployment benefit

Unemployment benefit - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Unemployment benefit spending as % of GDP	0.0	0.4	0.3	0.3	0.3	0.3	0.3	0.3

LEGENDA:

*** The potential GDP and its components is used to estimate the rate of potential output growth, net of normal cyclical variations**

(1) Share of older population = Population aged 55 to 64 as % of population aged 15-64

(2) Old-age dependency ratio = Population aged 65 and over as a percentage of the population aged 15-64

(3) Total dependency ratio = Population under 15 and over 64 as a percentage of the population aged 15-64

(4) Total economic dependency ratio = Total population less employed as % of employed population 15-64

(5) Economic old-age dependency ratio (15-64) = Inactive population aged 65+ as % of employed population 15-64

NB: : = data not provided

Source : Commission Services (DG ECFIN), Eurostat (EUROPOP2008), EPC (AWG).

Cyprus EC-EPC (AWG) 2009 projections

Main demographic and macroeconomic assumptions

Demographic projections - EUROPOP2008 (EUROSTAT)	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Fertility rate	0.1	1.45	1.47	1.49	1.52	1.54	1.57	1.60
Life expectancy at birth								
males	7.0	78.2	79.3	80.0	81.5	82.8	84.0	85.2
females	7.0	81.7	82.8	83.5	84.9	86.2	87.5	88.7
Life expectancy at 65								
males	4.8	17.1	17.8	18.3	19.3	20.2	21.1	22.0
females	5.6	19.0	19.8	20.3	21.5	22.5	23.6	24.6
Net migration (thousand)	-3.4	9.3	8.8	8.5	7.8	7.2	6.6	5.9
Net migration as % of population	-0.7	1.2	1.0	0.9	0.7	0.6	0.5	0.4
Population (million)	0.5	0.8	0.9	1.0	1.1	1.2	1.3	1.3
Children population (0-14) as % of total population	-2.5	17.5	16.9	17.4	16.6	15.1	15.1	15.0
Prime age population (25-54) as % of total population	-7.0	43.9	44.7	44.3	42.6	40.0	37.8	37.0
Working age population (15-64) as % of total population	-11.2	70.1	69.3	67.5	65.4	64.9	61.7	58.8
Elderly population (65 and over) as % of total population	13.8	12.4	13.8	15.0	17.9	20.0	23.2	26.2
Very elderly population (80 and over) as % of total population	5.8	2.8	3.0	3.4	4.6	6.1	7.3	8.6
Very elderly population (80 and over) as % of elderly population	10.5	22.4	21.9	22.6	25.5	30.5	31.3	33.0
Very elderly population (80 and over) as % of working age population	10.7	4.0	4.3	5.0	7.0	9.4	11.8	14.7
Macroeconomic assumptions*	AVG 07-60	2007	2015	2020	2030	2040	2050	2060
Potential GDP (growth rate)	2.8	3.6	3.8	3.9	2.9	2.3	1.8	1.8
Employment (growth rate)	0.9	2.1	1.7	1.2	0.9	0.6	0.1	0.2
Labour input : hours worked (growth rate)	0.8	1.9	1.7	1.1	0.8	0.6	0.1	0.2
Labour productivity per hour (growth rate)	1.9	1.7	2.1	2.7	2.0	1.8	1.7	1.7
TFP (growth rate)	1.2	0.7	1.3	1.7	1.3	1.2	1.1	1.1
Capital deepening (contribution to labour productivity growth)	0.7	1.0	0.8	1.0	0.7	0.6	0.6	0.6
GDP per capita (growth rate)	1.7	2.0	2.2	2.4	1.8	1.6	1.2	1.4
GDP per worker (growth rate)	1.9	1.4	2.1	2.7	2.0	1.8	1.7	1.7
GDP in 2007 prices (in millions euros)		15.6	20.9	25.2	34.6	44.6	54.5	65.0
Labour force assumptions	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Working age population (15-64) (in thousands)	234	543	615	644	701	758	772	777
Population growth (working age:15-64)	-1.8	1.9	1.0	0.9	0.9	0.6	-0.1	0.1
Labour force 15-64 (thousands)	210	396	474	506	549	591	602	606
Participation rate (15-64)	5.1	72.9	76.9	78.5	78.4	78.0	78.0	78.0
young (15-24)	-0.8	44.2	46.3	46.0	42.7	44.4	44.6	43.4
prime-age (25-54)	5.0	86.7	90.1	91.1	91.7	91.7	91.7	91.8
older (55-64)	7.4	57.6	61.1	62.7	64.6	66.6	65.4	65.1
Participation rate (15-64) - FEMALES	8.4	64.7	70.7	72.9	73.4	73.1	73.0	73.2
young (15-24)	-1.3	41.0	42.5	42.4	39.1	40.8	40.9	39.8
prime-age (25-54)	9.5	78.7	85.0	86.9	88.1	88.0	88.2	88.2
older (55-64)	13.8	41.5	47.4	50.3	54.2	56.9	55.5	55.3
Participation rate (15-64) - MALES	1.5	81.2	83.2	84.1	83.3	82.8	82.8	82.7
young (15-24)	-0.4	47.4	50.0	49.6	46.3	48.0	48.1	47.0
prime-age (25-54)	0.3	95.0	95.2	95.3	95.3	95.2	95.2	95.3
older (55-64)	0.0	74.8	75.3	75.8	75.7	76.3	75.1	74.7
Employment rate (15-64)	5.6	69.7	74.3	75.8	75.7	75.3	75.3	75.3
Employment rate (20-64)	5.1	76.2	80.0	81.0	81.8	81.2	80.8	81.3
Employment rate (15-71)	2.9	65.9	70.1	71.1	70.4	70.3	68.9	68.9
Unemployment rate (15-64)	-0.9	4.4	3.4	3.4	3.4	3.4	3.4	3.4
Employment (15-64) (in millions)	0.2	0.4	0.5	0.5	0.5	0.6	0.6	0.6
share of young (15-24)	-3%	13%	11%	9%	9%	10%	9%	9%
share of prime-age (25-54)	-1%	75%	76%	77%	77%	73%	73%	74%
share of older (55-64)	4%	12%	13%	14%	14%	17%	18%	16%
Dependency ratios:	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Share of older population (55-64) (1)	4.1	15.2	16.4	17.4	17.1	20.3	21.5	19.4
Old-age dependency ratio (2)	27	18	20	22	27	31	38	44
Total dependency ratio (3)	27	43	44	48	53	54	62	70
Total economic dependency ratio (4)	21	99	91	92	98	100	110	120
Economic old-age dependency ratio (15-64) (5)	31	23	24	26	32	37	44	53

Pension expenditure projections

Baseline scenario as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	11.4	6.3	7.8	8.9	10.8	12.8	15.5	17.7
Old-age and early pensions, gross	9.4	4.8	5.9	6.7	8.2	10.0	12.4	14.2
Of which : earnings-related pensions, gross	9.4	4.8	5.9	6.7	8.2	10.0	12.4	14.2
Other pensions (disability, survivors), gross	2.0	1.4	1.9	2.2	2.6	2.8	3.1	3.5
Occupational pensions, gross	:	:	:	:	:	:	:	:
Private mandatory pensions, gross	:	:	:	:	:	:	:	:
Social security pensions, net	:	:	:	:	:	:	:	:
Social security pensions, contributions	0.5	4.2	4.4	4.5	4.5	4.6	4.6	4.7
Social security pensions, assets	-203.4	36.9	37.3	32.3	9.9	-24.1	-79.4	-166.5

Additional indicators	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, net/social sec. Pensions, gross, %	:	:	:	:	:	:	:	:
Pensioners (social security, in 1000 persons)	402	118	168	201	279	347	439	520
Pensioners aged 65+ (1000 pers)	:	:	:	:	:	:	:	:
Share of pensioners below age 65 as % of all pensioners	:	:	:	:	:	:	:	:
Average gross pension (social security - € 1000 in 2007 prices)	13.8	8.3	9.7	11.1	13.3	16.5	19.3	22.1
Benefit ratio (Social security pensions)	2.9	53.7	59.1	60.0	57.4	59.2	58.4	56.5
Gross replacement rate at retirement (social security pensions)	:	:	:	:	:	:	:	:
Contributors (social security pensions, in 1000 persons)	215	392	476	509	551	591	603	607
Support ratio (contributors/100 pensioners, social security pensions)	-215.7	332	283	253	198	170	137	117
High life expectancy as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.2	0.0	0.0	0.0	0.1	0.1	0.2	0.2
Old-age and early pensions, gross	0.2	0.0	0.0	0.0	0.1	0.1	0.2	0.2
High labour productivity as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.7	0.0	-0.2	-0.3	-0.4	-0.4	-0.5	-0.7
Old-age and early pensions, gross	-0.5	0.0	-0.1	-0.2	-0.3	-0.3	-0.4	-0.5
Zero migration as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	9.5	0.0	0.6	1.2	3.0	5.3	8.0	9.5
Old-age and early pensions, gross	7.6	0.0	0.4	0.9	2.3	4.2	6.5	7.6
High employment rate (1 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Old-age and early pensions, gross	-0.1	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1
High older workers empl. Rate (5 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.1	0.0	0.0	-0.1	0.0	0.0	0.0	-0.1
Old-age and early pensions, gross	-0.1	0.0	0.0	-0.1	0.0	0.0	-0.1	-0.1
Decomposition of the increase (in p.p.) in pension expenditure (social security) - selected years	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Social security pensions, gross as % of GDP	11.1	6.5	7.8	8.9	10.8	12.8	15.5	17.7
Social security pensions, gross as % of GDP - p.p. ch. from 2007 due to :		0.3	1.5	2.6	4.5	6.5	9.2	11.4
Dependency ratio	10.8	0.0	0.8	1.7	3.8	5.1	8.0	10.8
Coverage ratio	1.4	0.2	0.7	0.9	1.2	1.5	1.6	1.6
Employment effect	-0.4	-0.1	-0.4	-0.5	-0.5	-0.5	-0.5	-0.5
Benefit ratio	-0.4	0.1	0.4	0.5	0.1	0.4	0.2	-0.3
Interaction effect (residual)	-0.2	0.0	0.0	0.0	-0.1	0.0	-0.2	-0.2
over selected time periods	2007-2060		2007-2015	2015-2020	2025-2030	2035-2040	2045-2050	2055-2060
Social security pensions, gross as % of GDP	11.4		1.55	1.03	0.96	1.13	1.52	0.92
Dependency ratio	10.8		0.80	0.95	0.98	0.70	1.82	1.25
Coverage ratio	1.6		0.74	0.13	0.11	0.07	-0.01	-0.02
Employment effect	-0.5		-0.39	-0.16	0.03	0.03	-0.03	0.00
Benefit ratio	-0.3		0.37	0.12	-0.14	0.32	-0.13	-0.29
Interaction effect (residual)	-0.24		0.03	-0.01	-0.03	0.01	-0.13	-0.02

Health care

Health care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	0.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3
Pure ageing scenario	0.9	2.7	2.8	2.9	3.1	3.2	3.4	3.6
Labour intensity scenario	1.2	2.7	2.7	2.8	3.1	3.3	3.6	3.9
Constant health scenario	0.1	2.7	2.7	2.7	2.7	2.7	2.8	2.8
Fast cost growth scenario	1.1	2.7	3.0	3.1	3.3	3.5	3.7	3.8
Cost convergence scenario	4.9	2.7	3.1	3.5	4.2	5.1	6.3	7.6
Death-related cost scenario	0.7	2.7	2.8	2.8	3.0	3.1	3.3	3.5
Income elasticity scenario	1.1	2.7	2.9	3.0	3.2	3.4	3.6	3.8

Long-term care

Long-term care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pure demographic scenario	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GDP per capita scenario	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Constant disability scenario	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GDP per worker fast growth scenario	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Shift 1% of dependents from informal to home care scenario	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Shift 1% of dependents from informal to institutional care scenario	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Shift 1% of dependents from informal to home/institutional care scenario	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Number of dependent people (in thousands)	% Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	272%	35	44	51	70	87	107	128
of which: receiving formal care	324%	*3*	*3*	*4*	*6*	*7*	*9*	*11*
relying on informal or no care	268%	*32*	*40*	*47*	*64*	*79*	*98*	*117*
Pure demographic scenario	288%	35	44	52	71	89	110	134
of which: receiving formal care	340%	*3*	*3*	*4*	*6*	*7*	*9*	*12*
relying on informal or no care	284%	*32*	*41*	*48*	*65*	*81*	*101*	*122*
Constant disability scenario	256%	35	43	51	68	84	104	123
of which: receiving formal care	309%	*3*	*3*	*4*	*5*	*7*	*9*	*11*
relying on informal or no care	252%	*32*	*40*	*47*	*63*	*77*	*95*	*112*
Shift 1% of dependents from informal to home scenario	288%	35	44	52	71	89	110	134
of which: receiving formal care	843%	*3*	*7*	*9*	*13*	*16*	*21*	*25*
relying on informal or no care	242%	*32*	*37*	*43*	*58*	*73*	*90*	*109*

Education

Education spending as % of GDP - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	-1.16	6.1	4.9	4.8	5.0	4.8	4.7	5.0
Expenditure decomposition (broadly constant) : Transfers (15%) - Staff (63%) - Other (22%)								
Primary	-0.11	1.7	1.5	1.6	1.6	1.4	1.5	1.6
Expenditure decomposition (broadly constant) : Transfers (0%) - Staff (77%) - Other (23%)								
Low secondary	-0.27	1.3	1.0	1.0	1.1	1.0	1.0	1.1
Expenditure decomposition (broadly constant) : Transfers (0%) - Staff (83%) - Other (17%)								
Upper secondary	-0.30	1.6	1.2	1.1	1.3	1.2	1.2	1.3
Expenditure decomposition (broadly constant) : Transfers (0%) - Staff (75%) - Other (25%)								
Tertiary education	-0.48	1.6	1.3	1.1	1.1	1.1	1.1	1.1
Expenditure decomposition (broadly constant) : Transfers (57%) - Staff (18%) - Other (25%)								
Number of students (in thousands)								
Total	40	144	136	146	168	168	172	184
as % of population 5-24	2%	65%	63%	67%	68%	66%	66%	67%
Primary	24	57	59	68	75	72	77	82
Low secondary	7	32	27	30	37	36	36	39
Upper secondary	7	33	30	29	37	38	37	40
Tertiary education	1	21	20	19	20	22	22	22
Number of teachers (in thousands)								
Total	3	10	10	10	12	12	12	13
Primary	1	3	4	4	4	4	5	5
Low secondary	1	3	2	3	3	3	3	3
Upper secondary	1	3	2	2	3	3	3	3
Tertiary education	0	1	1	1	1	2	1	2

Education spending as % of GDP - Higher compensation per teacher (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.14	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0

Education spending as % of GDP - Higher ratio teachers/students (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.61	0.1	0.4	0.6	0.7	0.7	0.7	0.7

Education spending as % of GDP - Higher attainment rates in tertiary education (45% by 2020) (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.04	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Unemployment benefit

Unemployment benefit - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Unemployment benefit spending as % of GDP	-0.1	0.3	0.3	0.3	0.2	0.2	0.2	0.2

LEGENDA:

*** The potential GDP and its components is used to estimate the rate of potential output growth, net of normal cyclical variations**

(1) Share of older population = Population aged 55 to 64 as % of population aged 15-64

(2) Old-age dependency ratio = Population aged 65 and over as a percentage of the population aged 15-64

(3) Total dependency ratio = Population under 15 and over 64 as a percentage of the population aged 15-64

(4) Total economic dependency ratio = Total population less employed as % of employed population 15-64

(5) Economic old-age dependency ratio (15-64) = Inactive population aged 65+ as % of employed population 15-64

NB: : = data not provided

Source : Commission Services (DG ECFIN), Eurostat (EUROPOP2008), EPC (AWG).

Latvia EC-EPC (AWG) 2009 projections

Main demographic and macroeconomic assumptions

Demographic projections - EUROPOP2008 (EUROSTAT)	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Fertility rate	0.2	1.36	1.38	1.40	1.43	1.47	1.50	1.54
Life expectancy at birth								
males	14.5	66.0	68.2	69.8	72.8	75.6	78.1	80.5
females	10.1	76.7	78.3	79.4	81.5	83.4	85.2	86.8
Life expectancy at 65								
males	7.5	12.7	13.7	14.5	16.0	17.4	18.8	20.1
females	6.6	17.1	18.1	18.8	20.1	21.4	22.6	23.8
Net migration (thousand)	0.4	-1.0	-0.3	-0.3	-0.6	0.1	0.7	-0.6
Net migration as % of population	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Population (million)	-0.6	2.3	2.2	2.2	2.0	1.9	1.8	1.7
Children population (0-14) as % of total population	-1.4	13.7	14.7	15.3	13.6	12.1	12.6	12.3
Prime age population (25-54) as % of total population	-8.6	42.4	44.1	43.5	40.0	37.3	33.3	33.8
Working age population (15-64) as % of total population	-15.7	69.0	67.6	66.1	64.2	62.4	57.8	53.3
Elderly population (65 and over) as % of total population	17.1	17.3	17.7	18.6	22.2	25.4	29.6	34.4
Very elderly population (80 and over) as % of total population	8.3	3.6	4.5	5.2	5.9	7.9	9.9	11.9
Very elderly population (80 and over) as % of elderly population	14.0	20.6	25.3	28.1	26.7	31.1	33.4	34.6
Very elderly population (80 and over) as % of working age population	17.1	5.2	6.6	7.9	9.2	12.7	17.1	22.3
Macroeconomic assumptions*	AVG 07-60	2007	2015	2020	2030	2040	2050	2060
Potential GDP (growth rate)	1.8	8.6	3.0	2.1	1.8	0.7	-0.1	1.1
Employment (growth rate)	-0.9	2.1	-1.0	-1.2	-0.9	-1.0	-1.9	-0.6
Labour input : hours worked (growth rate)	-0.9	2.0	-1.0	-1.2	-0.9	-1.0	-1.9	-0.6
Labour productivity per hour (growth rate)	2.7	6.4	3.9	3.3	2.7	1.7	1.7	1.7
TFP (growth rate)	1.5	3.1	1.9	1.8	1.8	1.1	1.1	1.1
Capital deepening (contribution to labour productivity growth)	1.1	3.3	2.0	1.6	1.0	0.6	0.6	0.6
GDP per capita (growth rate)	2.4	9.2	3.4	2.6	2.5	1.3	0.5	1.9
GDP per worker (growth rate)	2.7	6.3	4.0	3.4	2.7	1.7	1.8	1.7
GDP in 2007 prices (in millions euros)		19.9	28.8	32.5	39.3	43.6	44.3	46.7
Labour force assumptions	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Working age population (15-64) (in thousands)	-675	1573	1486	1423	1304	1194	1042	897
Population growth (working age:15-64)	-0.3	-0.5	-1.0	-0.9	-0.7	-1.1	-1.7	-0.7
Labour force 15-64 (thousands)	-481	1147	1131	1071	964	880	751	666
Participation rate (15-64)	1.3	72.9	76.1	75.3	73.9	73.7	72.0	74.2
young (15-24)	0.7	43.4	50.9	43.4	43.9	46.5	45.2	44.1
prime-age (25-54)	0.2	87.1	86.9	87.1	87.1	87.1	87.5	87.3
older (55-64)	-2.3	60.4	60.0	58.5	58.6	58.8	54.4	58.1
Participation rate (15-64) - FEMALES	2.1	68.3	71.9	71.3	70.2	69.8	68.1	70.4
young (15-24)	1.7	36.8	44.8	37.8	38.4	40.6	39.5	38.5
prime-age (25-54)	0.1	83.5	82.8	83.1	83.6	83.3	83.4	83.6
older (55-64)	1.1	54.9	58.2	56.2	56.2	56.5	52.1	56.0
Participation rate (15-64) - MALES	0.1	77.8	80.5	79.5	77.7	77.6	76.0	77.9
young (15-24)	-0.5	49.9	56.8	48.7	49.1	52.1	50.6	49.4
prime-age (25-54)	0.0	90.9	91.1	91.2	90.7	90.9	91.4	91.0
older (55-64)	-7.3	67.6	62.4	61.4	61.5	61.4	56.9	60.3
Employment rate (15-64)	2.1	68.5	72.4	71.6	70.3	70.1	68.5	70.6
Employment rate (20-64)	0.6	75.4	76.4	76.1	75.7	74.8	72.9	76.0
Employment rate (15-71)	-3.3	63.8	67.2	65.4	62.9	62.5	59.5	60.5
Unemployment rate (15-64)	-1.2	6.1	4.8	4.8	4.8	4.8	4.8	4.8
Employment (15-64) (in millions)	-0.4	1.1	1.1	1.0	0.9	0.8	0.7	0.6
share of young (15-24)	-3%	13%	10%	8%	10%	10%	9%	10%
share of prime-age (25-54)	1%	74%	75%	76%	74%	71%	70%	75%
share of older (55-64)	2%	14%	15%	16%	16%	19%	21%	15%
Dependency ratios:	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Share of older population (55-64) (1)	3.4	16.0	18.6	20.4	20.5	23.7	27.3	19.4
Old-age dependency ratio (2)	39	25	26	28	35	41	51	64
Total dependency ratio (3)	43	45	48	51	56	60	73	87
Total economic dependency ratio (4)	57	106	102	110	120	126	150	163
Economic old-age dependency ratio (15-64) (5)	56	32	34	38	47	56	72	88

Pension expenditure projections

Baseline scenario as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.4	5.4	4.8	5.2	5.9	6.1	5.8	5.1
Old-age and early pensions, gross	0.0	4.8	4.5	4.8	5.5	5.8	5.5	4.8
Of which : earnings-related pensions, gross	0.0	4.8	4.5	4.8	5.5	5.8	5.5	4.8
Other pensions (disability, survivors), gross	-0.3	0.6	0.3	0.3	0.4	0.4	0.3	0.3
Occupational pensions, gross	:	:	:	:	:	:	:	:
Private mandatory pensions, gross	4.9	0.0	0.0	0.1	0.4	1.3	3.1	4.9
Social security pensions, net	-0.3	5.4	4.8	5.1	5.8	6.1	5.7	5.0
Social security pensions, contributions	-1.0	6.8	6.0	6.0	5.8	5.8	5.7	5.8
Social security pensions, assets	-13.0	3.9	7.0	8.4	5.0	-1.8	-7.1	-9.0

Additional indicators	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, net/social sec. Pensions, gross, %	0.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
Pensioners (social security, in 1000 persons)	64	576	509	519	573	602	645	640
Pensioners aged 65+ (1000 pers)	185.5	383	384	393	443	478	524	568
Share of pensioners below age 65 as % of all pensioners	-22%	34%	25%	24%	23%	21%	19%	11%
Average gross pension (social security - € 1000 in 2007 prices)	1.8	1.9	2.7	3.2	4.0	4.4	4.0	3.7
Benefit ratio (Social security pensions)	-11.4	24.0	25.3	25.2	23.4	21.3	16.1	12.6
Gross replacement rate at retirement (social security pensions)	-10.9	32.5	32.1	29.0	23.8	22.5	22.5	21.7
Contributors (social security pensions, in 1000 persons)	-496	1202	1199	1113	997	916	787	707
Support ratio (contributors/100 pensioners, social security pensions)	-98.3	209	236	214	174	152	122	110
High life expectancy as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1
Old-age and early pensions, gross	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1
High labour productivity as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.2	0.0	0.0	0.0	-0.1	-0.2	-0.2	-0.2
Old-age and early pensions, gross	-0.2	0.0	0.0	0.0	-0.1	-0.2	-0.2	-0.2
Zero migration as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Old-age and early pensions, gross	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
High employment rate (1 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Old-age and early pensions, gross	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
High older workers empl. Rate (5 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Old-age and early pensions, gross	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Decomposition of the increase (in p.p.) in pension expenditure (social security) - selected years	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Social security pensions, gross as % of GDP	-0.1	5.2	4.8	5.2	5.9	6.1	5.8	5.1
Social security pensions, gross as % of GDP - p.p. ch. from 2007 due to :		-0.2	-0.6	-0.3	0.4	0.7	0.4	-0.4
Dependency ratio	5.7	0.0	0.3	0.7	1.8	2.9	4.3	5.7
Coverage ratio	-1.5	-0.1	-0.6	-0.7	-0.8	-0.9	-1.1	-1.6
Employment effect	-0.1	0.0	-0.3	-0.2	-0.1	-0.1	0.0	-0.2
Benefit ratio	-3.8	-0.1	-0.1	-0.1	-0.5	-1.1	-2.6	-3.9
Interaction effect (residual)	-0.4	0.0	0.1	0.1	0.0	0.0	-0.3	-0.4
over selected time periods	2007-2060		2007-2015	2015-2020	2025-2030	2035-2040	2045-2050	2055-2060
Social security pensions, gross as % of GDP	-0.4		-0.63	0.36	0.23	0.03	-0.14	-0.49
Dependency ratio	5.7		0.32	0.34	0.62	0.60	0.86	0.42
Coverage ratio	-1.6		-0.63	-0.02	-0.14	-0.12	-0.08	-0.25
Employment effect	-0.2		-0.30	0.05	0.01	-0.02	0.10	-0.14
Benefit ratio	-3.9		-0.09	-0.02	-0.21	-0.38	-0.86	-0.51
Interaction effect (residual)	-0.43		0.07	0.02	-0.04	-0.05	-0.15	0.00

Health care

Health care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	0.6	3.5	3.6	3.7	3.8	3.9	4.0	4.1
Pure ageing scenario	0.7	3.5	3.5	3.6	3.7	3.9	4.0	4.1
Labour intensity scenario	1.6	3.5	3.4	3.6	3.8	4.2	4.7	5.1
Constant health scenario	0.1	3.5	3.4	3.4	3.4	3.4	3.5	3.5
Fast cost growth scenario	0.9	3.5	3.8	3.8	4.0	4.2	4.3	4.4
Cost convergence scenario	5.1	3.5	3.8	4.1	4.8	5.8	7.0	8.6
Death-related cost scenario	0.6	3.5	3.5	3.5	3.6	3.8	4.0	4.0
Income elasticity scenario	1.0	3.5	3.7	3.8	3.9	4.2	4.3	4.4

Long-term care

Long-term care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	0.5	0.4	0.4	0.4	0.5	0.6	0.7	0.9
Pure demographic scenario	0.5	0.4	0.4	0.4	0.5	0.6	0.8	0.9
GDP per capita scenario	0.4	0.4	0.4	0.4	0.5	0.6	0.7	0.7
Constant disability scenario	0.5	0.4	0.4	0.4	0.5	0.6	0.7	0.9
GDP per worker fast growth scenario	0.6	0.4	0.4	0.5	0.6	0.7	0.8	1.0
Shift 1% of dependents from informal to home care scenario	0.6	0.4	0.4	0.5	0.5	0.7	0.8	1.0
Shift 1% of dependents from informal to institutional care scenario	1.5	0.4	0.7	0.9	1.0	1.2	1.6	1.9
Shift 1% of dependents from informal to home/institutional care scenario	1.1	0.4	0.6	0.7	0.8	0.9	1.2	1.5

Number of dependent people (in thousands)	% Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	54%	123	127	130	145	159	175	189
of which: receiving formal care	80%	*13*	*14*	*14*	*16*	*18*	*21*	*23*
relying on informal or no care	51%	*110*	*113*	*116*	*129*	*141*	*154*	*167*
Pure demographic scenario	60%	123	128	131	147	163	180	197
of which: receiving formal care	86%	*13*	*14*	*14*	*16*	*18*	*21*	*23*
relying on informal or no care	58%	*110*	*114*	*117*	*131*	*144*	*159*	*173*
Constant disability scenario	48%	123	126	129	143	155	170	182
of which: receiving formal care	75%	*13*	*13*	*14*	*16*	*18*	*20*	*22*
relying on informal or no care	45%	*110*	*112*	*115*	*127*	*137*	*149*	*160*
Shift 1% of dependents from informal to home scenario	60%	123	128	131	147	163	180	197
of which: receiving formal care	242%	*13*	*24*	*28*	*31*	*35*	*39*	*43*
relying on informal or no care	40%	*110*	*104*	*104*	*116*	*128*	*141*	*154*

Education

Education spending as % of GDP - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	-0.33	3.7	2.8	3.0	3.2	2.9	3.1	3.3
Expenditure decomposition (broadly constant) : Transfers (7%) - Staff (60%) - Other (32%)								
Primary	0.16	0.7	0.8	0.8	0.8	0.7	0.8	0.8
Expenditure decomposition (broadly constant) : Transfers (1%) - Staff (66%) - Other (33%)								
Low secondary	-0.09	1.2	0.8	1.0	1.1	0.9	1.0	1.1
Expenditure decomposition (broadly constant) : Transfers (1%) - Staff (66%) - Other (33%)								
Upper secondary	-0.31	1.1	0.6	0.6	0.8	0.7	0.7	0.8
Expenditure decomposition (broadly constant) : Transfers (17%) - Staff (55%) - Other (28%)								
Tertiary education	-0.10	0.8	0.6	0.6	0.6	0.6	0.6	0.7
Expenditure decomposition (broadly constant) : Transfers (10%) - Staff (54%) - Other (36%)								
Number of students (in thousands)								
Total	-200	445	350	348	337	281	256	245
as % of population 5-24	4%	78%	78%	83%	80%	80%	82%	82%
Primary	-19	76	88	91	78	62	63	57
Low secondary	-61	137	99	110	110	84	77	76
Upper secondary	-61	107	58	59	67	56	45	46
Tertiary education	-60	125	105	88	82	80	71	66
Number of teachers (in thousands)								
Total	-14	33	25	26	25	21	19	18
Primary	-2	6	7	8	7	5	5	5
Low secondary	-6	13	9	10	10	8	7	7
Upper secondary	-5	9	5	5	6	5	4	4
Tertiary education	-2	4	4	3	3	3	2	2

Education spending as % of GDP - Higher compensation per teacher (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.10	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0

Education spending as % of GDP - Higher ratio teachers/students (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.39	0.1	0.3	0.4	0.5	0.4	0.5	0.5

Education spending as % of GDP - Higher attainment rates in tertiary education (45% by 2020) (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.43	0.4	0.7	0.7	0.7	0.7	0.8	0.8

Unemployment benefit

Unemployment benefit - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Unemployment benefit spending as % of GDP	0.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2

LEGENDA:

*** The potential GDP and its components is used to estimate the rate of potential output growth, net of normal cyclical variations**

(1) Share of older population = Population aged 55 to 64 as % of population aged 15-64

(2) Old-age dependency ratio = Population aged 65 and over as a percentage of the population aged 15-64

(3) Total dependency ratio = Population under 15 and over 64 as a percentage of the population aged 15-64

(4) Total economic dependency ratio = Total population less employed as % of employed population 15-64

(5) Economic old-age dependency ratio (15-64) = Inactive population aged 65+ as % of employed population 15-64

NB: : = data not provided

Source : Commission Services (DG ECFIN), Eurostat (EUROPOP2008), EPC (AWG).

Lithuania EC-EPC (AWG) 2009 projections

Main demographic and macroeconomic assumptions

Demographic projections - EUROPOP2008 (EUROSTAT)	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Fertility rate	0.2	1.35	1.37	1.39	1.43	1.47	1.51	1.54
Life expectancy at birth								
males	14.6	65.9	68.2	69.8	72.8	75.6	78.1	80.4
females	9.4	77.4	78.9	80.0	81.9	83.7	85.3	86.9
Life expectancy at 65								
males	7.1	13.1	14.1	14.9	16.3	17.7	19.0	20.3
females	6.2	17.5	18.4	19.0	20.3	21.5	22.6	23.7
Net migration (thousand)	2.1	-2.2	-0.7	-0.2	-0.3	-0.2	1.2	-0.1
Net migration as % of population	0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
Population (million)	-0.8	3.4	3.3	3.2	3.1	2.9	2.7	2.5
Children population (0-14) as % of total population	-2.9	15.3	14.3	14.8	14.1	12.1	12.2	12.4
Prime age population (25-54) as % of total population	-10.0	42.5	44.0	43.5	40.1	37.4	33.1	32.6
Working age population (15-64) as % of total population	-15.9	68.8	69.1	67.6	63.8	61.5	58.1	52.9
Elderly population (65 and over) as % of total population	18.9	15.8	16.6	17.6	22.1	26.3	29.7	34.7
Very elderly population (80 and over) as % of total population	8.7	3.3	4.4	4.9	5.6	7.8	10.7	12.0
Very elderly population (80 and over) as % of elderly population	13.9	20.7	26.2	27.9	25.3	29.8	35.9	34.5
Very elderly population (80 and over) as % of working age population	17.9	4.8	6.3	7.3	8.8	12.8	18.4	22.7
Macroeconomic assumptions*	AVG 07-60	2007	2015	2020	2030	2040	2050	2060
Potential GDP (growth rate)	1.8	8.0	3.6	2.5	1.5	0.8	0.2	0.4
Employment (growth rate)	-0.9	1.8	-0.1	-0.9	-1.2	-0.9	-1.5	-1.3
Labour input : hours worked (growth rate)	-0.8	2.4	-0.1	-0.9	-1.2	-0.9	-1.5	-1.3
Labour productivity per hour (growth rate)	2.6	5.4	3.7	3.3	2.7	1.7	1.7	1.7
TFP (growth rate)	1.5	2.8	1.8	1.8	1.8	1.1	1.1	1.1
Capital deepening (contribution to labour productivity growth)	1.1	2.6	1.9	1.6	1.0	0.6	0.6	0.6
GDP per capita (growth rate)	2.3	8.6	3.9	2.8	2.0	1.4	0.9	1.2
GDP per worker (growth rate)	2.7	6.1	3.7	3.4	2.7	1.7	1.7	1.7
GDP in 2007 prices (in millions euros)		28.0	41.0	47.4	56.7	61.9	64.7	66.4
Labour force assumptions	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Working age population (15-64) (in thousands)	-972	2319	2264	2178	1966	1792	1589	1347
Population growth (working age:15-64)	-1.0	-0.1	-0.6	-0.8	-1.0	-0.9	-1.6	-1.1
Labour force 15-64 (thousands)	-661	1580	1598	1547	1359	1224	1074	918
Participation rate (15-64)	0.1	68.1	70.6	71.0	69.1	68.3	67.6	68.2
young (15-24)	0.8	28.3	33.4	31.8	28.2	30.3	30.8	29.1
prime-age (25-54)	-2.3	86.0	84.4	84.0	83.8	83.1	83.7	83.7
older (55-64)	-1.4	55.5	59.9	59.4	56.0	56.9	54.8	54.1
Participation rate (15-64) - FEMALES	1.8	65.2	68.6	69.2	67.8	67.1	66.3	66.9
young (15-24)	1.3	23.6	28.7	27.3	24.2	26.0	26.4	24.9
prime-age (25-54)	-1.7	84.2	82.6	82.4	82.9	81.9	82.3	82.5
older (55-64)	5.4	49.6	59.9	59.2	56.6	57.7	55.6	55.0
Participation rate (15-64) - MALES	-1.8	71.2	72.7	73.0	70.4	69.6	68.9	69.4
young (15-24)	0.4	32.8	37.9	36.3	32.1	34.6	35.1	33.2
prime-age (25-54)	-3.0	87.9	86.3	85.6	84.8	84.3	85.1	84.9
older (55-64)	-10.3	63.4	59.9	59.7	55.2	56.0	53.9	53.2
Employment rate (15-64)	0.6	65.1	68.1	68.5	66.7	65.9	65.2	65.8
Employment rate (20-64)	-1.7	73.0	73.6	73.3	72.2	71.3	69.9	71.3
Employment rate (15-71)	-2.7	60.3	64.1	64.1	60.7	59.9	58.6	57.6
Unemployment rate (15-64)	-0.9	4.4	3.5	3.5	3.5	3.5	3.5	3.5
Employment (15-64) (in millions)	-0.6	1.5	1.5	1.5	1.3	1.2	1.0	0.9
share of young (15-24)	-2%	9%	9%	7%	6%	7%	7%	7%
share of prime-age (25-54)	-3%	78%	76%	76%	76%	74%	71%	76%
share of older (55-64)	5%	12%	15%	17%	17%	19%	23%	17%
Dependency ratios:	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Share of older population (55-64) (1)	6.7	15.1	17.7	20.5	21.3	22.3	27.9	21.8
Old-age dependency ratio (2)	43	23	24	26	35	43	51	66
Total dependency ratio (3)	44	45	45	48	57	63	72	89
Total economic dependency ratio (4)	60	120	110	112	130	141	158	180
Economic old-age dependency ratio (15-64) (5)	59	33	32	34	47	60	72	92

Pension expenditure projections

Baseline scenario as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	4.6	6.8	6.5	6.9	8.2	9.1	10.4	11.4
Old-age and early pensions, gross	4.7	5.6	5.4	5.8	7.1	7.9	9.3	10.3
Of which : earnings-related pensions, gross	3.9	5.1	5.0	5.4	6.5	7.1	8.1	9.1
Other pensions (disability, survivors), gross	-0.1	1.2	1.1	1.1	1.1	1.2	1.1	1.0
Occupational pensions, gross	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Private mandatory pensions, gross	2.0	0.0	0.1	0.3	0.6	1.1	2.4	2.0
Social security pensions, net	4.6	6.8	6.5	6.9	8.2	9.1	10.4	11.4
Social security pensions, contributions	-0.2	6.6	6.6	6.5	6.4	6.4	6.3	6.4
Social security pensions, assets	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Additional indicators	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, net/social sec. Pensions, gross, %	0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Pensioners (social security, in 1000 persons)	244	912	934	974	1065	1108	1166	1157
Pensioners aged 65+ (1000 pers)	:	:	:	:	:	:	:	:
Share of pensioners below age 65 as % of all pensioners	:	:	:	:	:	:	:	:
Average gross pension (social security - € 1000 in 2007 prices)	4.4	2.1	2.9	3.4	4.4	5.1	5.8	6.5
Benefit ratio (Social security pensions)	-5.4	33.1	33.2	32.7	31.6	30.3	29.0	27.7
Gross replacement rate at retirement (social security pensions)	-3.3	32.3	35.9	35.3	33.4	31.0	30.0	29.1
Contributors (social security pensions, in 1000 persons)	-527	1467	1512	1477	1330	1212	1076	940
Support ratio (contributors/100 pensioners, social security pensions)	-79.6	161	162	152	125	109	92	81
High life expectancy as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.3	0.0	0.0	0.0	0.1	0.1	0.2	0.3
Old-age and early pensions, gross	0.3	0.0	0.0	0.0	0.1	0.1	0.2	0.3
High labour productivity as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Old-age and early pensions, gross	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Zero migration as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.2	0.0	0.0	0.0	-0.1	-0.2	-0.2	-0.2
Old-age and early pensions, gross	-0.2	0.0	0.0	0.0	-0.1	-0.2	-0.2	-0.2
High employment rate (1 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.1	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1
Old-age and early pensions, gross	-0.1	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1
High older workers empl. Rate (5 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.1	0.0	0.0	-0.1	-0.1	-0.1	-0.2	-0.1
Old-age and early pensions, gross	-0.1	0.0	0.0	-0.1	-0.1	-0.1	-0.2	-0.1
Decomposition of the increase (in p.p.) in pension expenditure (social security) - selected years	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Social security pensions, gross as % of GDP	4.7	6.6	6.5	6.9	8.2	9.1	10.4	11.4
Social security pensions, gross as % of GDP - p.p. ch. from 2007 due to :		-0.2	-0.3	0.1	1.4	2.3	3.6	4.6
Dependency ratio	9.6	0.1	0.4	0.9	3.2	5.1	6.8	9.6
Coverage ratio	-2.4	-0.1	-0.1	0.0	-0.7	-1.4	-1.4	-2.4
Employment effect	0.0	0.0	-0.3	-0.3	-0.1	0.0	0.1	0.0
Benefit ratio	-1.7	-0.1	-0.2	-0.3	-0.6	-0.9	-1.3	-1.8
Interaction effect (residual)	-0.8	0.0	-0.1	-0.1	-0.3	-0.4	-0.5	-0.8
over selected time periods	2007-2060		2007-2015	2015-2020	2025-2030	2035-2040	2045-2050	2055-2060
Social security pensions, gross as % of GDP	4.6		-0.26	0.37	0.62	0.34	0.80	0.33
Dependency ratio	9.6		0.39	0.53	1.28	0.90	1.07	1.23
Coverage ratio	-2.4		-0.05	0.02	-0.49	-0.31	-0.06	-0.53
Employment effect	0.0		-0.30	-0.04	0.11	0.00	0.07	-0.09
Benefit ratio	-1.8		-0.24	-0.09	-0.14	-0.20	-0.20	-0.20
Interaction effect (residual)	-0.80		-0.06	-0.04	-0.14	-0.04	-0.09	-0.08

Health care

Health care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	1.1	4.5	4.7	4.9	5.1	5.3	5.5	5.6
Pure ageing scenario	1.2	4.5	4.7	4.8	5.0	5.3	5.5	5.7
Labour intensity scenario	2.5	4.5	4.4	4.5	5.1	5.7	6.3	6.9
Constant health scenario	0.3	4.5	4.5	4.5	4.5	4.7	4.8	4.8
Fast cost growth scenario	1.6	4.5	5.0	5.1	5.3	5.7	5.9	6.1
Cost convergence scenario	4.2	4.5	4.9	5.1	5.8	6.7	7.6	8.7
Death-related cost scenario	1.0	4.5	4.6	4.7	4.9	5.2	5.4	5.5
Income elasticity scenario	1.6	4.5	4.8	5.0	5.3	5.7	6.0	6.1

Long-term care

Long-term care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	0.6	0.5	0.5	0.5	0.6	0.7	0.9	1.1
Pure demographic scenario	0.6	0.5	0.5	0.5	0.6	0.7	0.9	1.1
GDP per capita scenario	0.4	0.5	0.5	0.5	0.6	0.7	0.8	0.9
Constant disability scenario	0.5	0.5	0.5	0.5	0.6	0.7	0.9	1.0
GDP per worker fast growth scenario	0.7	0.5	0.5	0.6	0.7	0.8	1.0	1.2
Shift 1% of dependents from informal to home care scenario	0.7	0.5	0.5	0.5	0.6	0.8	1.0	1.2
Shift 1% of dependents from informal to institutional care scenario	0.9	0.5	0.6	0.6	0.8	0.9	1.2	1.4
Shift 1% of dependents from informal to home/institutional care scenario	0.8	0.5	0.5	0.6	0.7	0.9	1.1	1.3

Number of dependent people (in thousands)	% Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	79%	191	207	216	251	292	322	343
of which: receiving formal care	103%	*39*	*44*	*47*	*54*	*64*	*74*	*78*
relying on informal or no care	74%	*152*	*163*	*170*	*197*	*228*	*248*	*264*
Pure demographic scenario	90%	191	209	220	257	305	337	364
of which: receiving formal care	113%	*39*	*45*	*47*	*55*	*66*	*77*	*82*
relying on informal or no care	85%	*152*	*165*	*172*	*202*	*238*	*261*	*281*
Constant disability scenario	69%	191	205	213	245	280	306	322
of which: receiving formal care	93%	*39*	*44*	*46*	*53*	*62*	*71*	*75*
relying on informal or no care	62%	*152*	*162*	*167*	*192*	*218*	*235*	*247*
Shift 1% of dependents from informal to home scenario	90%	191	209	220	257	305	337	364
of which: receiving formal care	207%	*39*	*61*	*69*	*81*	*97*	*110*	*119*
relying on informal or no care	61%	*152*	*148*	*150*	*177*	*208*	*227*	*245*

Education

Education spending as % of GDP - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	-0.87	4.0	2.9	2.8	3.0	2.9	2.8	3.1
Expenditure decomposition (broadly constant) : Transfers (10%) - Staff (66%) - Other (24%)								
Primary	-0.03	0.7	0.5	0.6	0.6	0.5	0.6	0.6
Expenditure decomposition (broadly constant) : Transfers (8%) - Staff (68%) - Other (24%)								
Low secondary	-0.39	1.6	1.0	1.0	1.2	1.1	1.0	1.2
Expenditure decomposition (broadly constant) : Transfers (7%) - Staff (74%) - Other (20%)								
Upper secondary	-0.22	0.7	0.5	0.4	0.5	0.5	0.4	0.5
Expenditure decomposition (broadly constant) : Transfers (8%) - Staff (69%) - Other (23%)								
Tertiary education	-0.22	1.0	0.9	0.8	0.7	0.8	0.8	0.8
Expenditure decomposition (broadly constant) : Transfers (17%) - Staff (53%) - Other (30%)								
Number of students (in thousands)								
Total	-388	766	596	548	525	456	396	378
as % of population 5-24	2%	83%	82%	85%	85%	84%	85%	86%
Primary	-59	146	121	128	122	94	90	87
Low secondary	-155	294	200	186	199	164	138	139
Upper secondary	-71	124	91	75	75	70	56	53
Tertiary education	-103	202	184	159	130	128	112	99
Number of teachers (in thousands)								
Total	-34	68	51	48	48	40	35	34
Primary	-5	14	11	12	11	9	8	8
Low secondary	-23	44	30	28	30	25	21	21
Upper secondary	0	1	1	0	0	0	0	0
Tertiary education	-5	10	9	8	6	6	5	5

Education spending as % of GDP - Higher compensation per teacher (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.21	-0.2	0.0	0.0	0.0	0.1	0.0	0.0

Education spending as % of GDP - Higher ratio teachers/students (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.38	0.0	0.2	0.3	0.4	0.4	0.4	0.4

Education spending as % of GDP - Higher attainment rates in tertiary education (45% by 2020) (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Unemployment benefit

Unemployment benefit - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Unemployment benefit spending as % of GDP	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0

LEGENDA:

*** The potential GDP and its components is used to estimate the rate of potential output growth, net of normal cyclical variations**

(1) Share of older population = Population aged 55 to 64 as % of population aged 15-64

(2) Old-age dependency ratio = Population aged 65 and over as a percentage of the population aged 15-64

(3) Total dependency ratio = Population under 15 and over 64 as a percentage of the population aged 15-64

(4) Total economic dependency ratio = Total population less employed as % of employed population 15-64

(5) Economic old-age dependency ratio (15-64) = Inactive population aged 65+ as % of employed population 15-64

NB: : = data not provided

Source : Commission Services (DG ECFIN), Eurostat (EUROPOP2008), EPC (AWG).

Luxembourg EC-EPC (AWG) 2009 projections

Main demographic and macroeconomic assumptions

Demographic projections - EUROPOP2008 (EUROSTAT)	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Fertility rate	0.1	1.65	1.66	1.67	1.68	1.70	1.71	1.72
Life expectancy at birth								
males	8.2	76.3	77.6	78.5	80.2	81.7	83.2	84.5
females	7.3	81.2	82.4	83.2	84.6	86.0	87.3	88.5
Life expectancy at 65								
males	5.1	16.8	17.5	18.0	19.1	20.1	21.0	21.9
females	5.0	19.7	20.5	21.0	22.0	23.0	23.9	24.8
Net migration (thousand)	-1.6	4.4	4.1	4.0	3.7	3.4	3.1	2.8
Net migration as % of population	-0.5	0.9	0.8	0.7	0.6	0.5	0.4	0.4
Population (million)	0.2	0.5	0.5	0.6	0.6	0.7	0.7	0.7
Children population (0-14) as % of total population	-2.0	18.2	17.3	16.9	16.9	16.7	16.2	16.2
Prime age population (25-54) as % of total population	-8.0	45.3	43.2	41.6	39.5	38.5	37.9	37.3
Working age population (15-64) as % of total population	-7.4	67.7	67.6	66.9	63.5	61.1	60.8	60.3
Elderly population (65 and over) as % of total population	9.4	14.2	15.1	16.2	19.6	22.2	23.0	23.6
Very elderly population (80 and over) as % of total population	5.4	3.5	4.1	4.3	5.0	6.7	8.6	8.9
Very elderly population (80 and over) as % of elderly population	13.1	24.7	27.4	26.5	25.5	30.2	37.4	37.8
Very elderly population (80 and over) as % of working age population	9.6	5.2	6.1	6.4	7.9	11.0	14.1	14.8
Macroeconomic assumptions*	AVG 07-60	2007	2015	2020	2030	2040	2050	2060
Potential GDP (growth rate)	2.7	4.5	4.0	2.7	2.1	2.2	2.2	2.0
Employment (growth rate)	0.9	3.1	2.1	0.7	0.4	0.5	0.5	0.3
Labour input : hours worked (growth rate)	0.9	2.7	2.1	0.7	0.4	0.5	0.5	0.3
Labour productivity per hour (growth rate)	1.7	1.7	1.9	2.0	1.7	1.7	1.7	1.7
TFP (growth rate)	1.1	0.8	1.1	1.1	1.1	1.1	1.1	1.1
Capital deepening (contribution to labour productivity growth)	0.7	0.9	0.8	0.9	0.6	0.6	0.6	0.6
GDP per capita (growth rate)	1.8	2.9	2.9	1.6	1.2	1.5	1.6	1.5
GDP per worker (growth rate)	1.7	1.4	1.9	2.0	1.7	1.7	1.7	1.7
GDP in 2007 prices (in millions euros)		36.1	51.4	60.0	75.3	93.2	115.8	141.9
Labour force assumptions	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Working age population (15-64) (in thousands)	119	322	354	368	386	401	424	441
Population growth (working age:15-64)	-1.5	1.7	1.0	0.7	0.2	0.6	0.5	0.3
Labour force 15-64 (thousands)	81	214	237	246	258	270	284	295
Participation rate (15-64)	0.4	66.4	67.1	66.9	66.9	67.3	67.1	66.8
young (15-24)	2.1	27.4	29.0	29.6	29.3	29.2	29.4	29.5
prime-age (25-54)	1.9	84.2	85.9	86.1	86.2	86.1	86.0	86.1
older (55-64)	8.4	33.0	39.0	40.6	40.4	41.9	42.3	41.3
Participation rate (15-64) - FEMALES	3.5	57.9	60.5	61.1	61.9	62.0	61.7	61.4
young (15-24)	2.1	23.7	25.1	26.1	25.7	25.5	25.7	25.8
prime-age (25-54)	3.9	73.5	76.9	77.7	77.9	77.4	77.4	77.4
older (55-64)	16.7	27.7	38.1	40.8	43.4	45.4	45.3	44.4
Participation rate (15-64) - MALES	-2.6	74.7	73.6	72.7	71.8	72.5	72.4	72.1
young (15-24)	2.1	30.9	32.7	33.1	32.7	32.6	32.9	33.0
prime-age (25-54)	-0.1	94.7	94.7	94.5	94.6	94.7	94.6	94.6
older (55-64)	0.2	38.1	39.9	40.5	37.3	38.4	39.1	38.2
Employment rate (15-64)	0.1	63.6	64.0	63.8	63.8	64.2	64.0	63.7
Employment rate (20-64)	0.4	69.0	69.8	69.4	69.3	70.1	69.8	69.4
Employment rate (15-71)	-2.0	58.9	58.9	58.1	56.9	57.3	57.5	56.9
Unemployment rate (15-64)	0.4	4.2	4.6	4.6	4.6	4.6	4.6	4.6
Employment (15-64) (in millions)	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.3
share of young (15-24)	1%	6%	7%	7%	7%	7%	7%	7%
share of prime-age (25-54)	-6%	86%	82%	81%	81%	81%	81%	80%
share of older (55-64)	5%	8%	11%	12%	12%	12%	12%	12%
Dependency ratios:	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Share of older population (55-64) (1)	3.8	15.7	17.7	19.3	19.8	18.4	18.7	19.5
Old-age dependency ratio (2)	18	21	22	24	31	36	38	39
Total dependency ratio (3)	18	48	48	50	57	64	64	66
Total economic dependency ratio (4)	28	132	131	134	146	154	157	160
Economic old-age dependency ratio (15-64) (5)	28	33	35	38	48	56	59	61

Pension expenditure projections

Baseline scenario as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	15.2	8.7	8.9	9.9	14.2	18.4	22.1	23.9
Old-age and early pensions, gross	14.2	5.8	6.1	7.0	10.9	14.9	18.3	20.1
Of which : earnings-related pensions, gross	14.3	5.8	6.1	7.0	10.9	14.9	18.3	20.1
Other pensions (disability, survivors), gross	1.0	2.9	2.7	2.9	3.3	3.6	3.8	3.9
Occupational pensions, gross	:	:	:	:	:	:	:	:
Private mandatory pensions, gross	:	:	:	:	:	:	:	:
Social security pensions, net	13.3	7.7	7.8	8.7	12.5	16.2	19.4	21.0
Social security pensions, contributions	0.3	9.6	9.6	9.8	9.9	9.8	9.8	9.9
Social security pensions, assets	-280.2	21.8	37.5	46.0	39.3	-14.4	-116.0	-258.4

Additional indicators	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, net/social sec. Pensions, gross, %	-0.6	88.3	88.3	88.2	88.0	87.9	87.8	87.7
Pensioners (social security, in 1000 persons)	405	146	191	226	320	417	504	551
Pensioners aged 65+ (1000 pers)	325.0	98	124	146	211	299	372	423
Share of pensioners below age 65 as % of all pensioners	-10%	33%	35%	36%	34%	28%	26%	23%
Average gross pension (social security - € 1000 in 2007 prices)	40.1	21.5	23.9	26.2	33.3	41.2	50.7	61.6
Benefit ratio (Social security pensions)	-1.7	45.8	38.0	37.0	39.3	41.1	42.9	44.1
Gross replacement rate at retirement (social security pensions)	9.0	53.0	53.0	55.0	56.0	61.0	62.0	62.0
Contributors (social security pensions, in 1000 persons)	194	342	423	447	468	491	517	536
Support ratio (contributors/100 pensioners, social security pensions)	-137.0	234	221	198	146	118	103	97
High life expectancy as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.4	0.0	0.0	0.0	0.0	0.1	0.2	0.4
Old-age and early pensions, gross	0.5	0.0	0.0	0.0	0.1	0.2	0.4	0.5
High labour productivity as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.1	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1
Old-age and early pensions, gross	-0.1	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1
Zero migration as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	11.3	0.0	0.7	1.4	4.0	7.9	10.5	11.3
Old-age and early pensions, gross	9.2	0.0	0.5	1.0	3.2	6.5	8.8	9.2
High employment rate (1 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.0	0.0	-0.1	-0.2	-0.2	-0.2	-0.1	0.0
Old-age and early pensions, gross	0.0	0.0	-0.1	-0.1	-0.2	-0.2	-0.1	0.0
High older workers empl. Rate (5 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.1	0.0	-0.1	-0.2	-0.3	-0.3	-0.2	-0.1
Old-age and early pensions, gross	0.0	0.0	-0.1	-0.1	-0.2	-0.2	-0.1	0.0
Decomposition of the increase (in p.p.) in pension expenditure (social security) - selected years	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Social security pensions, gross as % of GDP	15.3	8.6	8.9	9.9	14.2	18.4	22.1	23.9
Social security pensions, gross as % of GDP - p.p. ch. from 2007 due to :		0.0	0.2	1.2	5.5	9.7	13.4	15.2
Dependency ratio	8.3	0.1	0.6	1.4	4.2	6.8	7.6	8.4
Coverage ratio	5.1	0.1	0.9	1.3	2.0	3.0	4.9	5.2
Employment effect	0.1	0.0	-0.1	0.0	0.0	-0.1	0.0	0.0
Benefit ratio	1.5	-0.2	-1.2	-1.4	-0.8	-0.2	0.6	1.2
Interaction effect (residual)	0.3	0.0	-0.1	-0.1	0.1	0.2	0.3	0.3
over selected time periods	2007-2060		2007-2015	2015-2020	2025-2030	2035-2040	2045-2050	2055-2060
Social security pensions, gross as % of GDP	15.2		0.21	0.97	2.07	1.78	1.37	0.26
Dependency ratio	8.4		0.65	0.77	1.66	0.94	0.32	0.60
Coverage ratio	5.2		0.95	0.40	0.33	0.67	0.96	-0.23
Employment effect	0.0		-0.05	0.02	-0.01	0.00	0.02	0.02
Benefit ratio	1.2		-1.20	-0.24	0.05	0.12	0.05	-0.11
Interaction effect (residual)	0.32		-0.14	0.01	0.05	0.05	0.02	-0.02

Health care

Health care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	1.2	5.8	6.1	6.2	6.5	6.8	7.0	7.0
Pure ageing scenario	1.3	5.8	6.0	6.1	6.5	6.8	7.0	7.1
Labour intensity scenario	1.1	5.8	5.2	5.4	6.0	6.5	6.7	6.9
Constant health scenario	0.4	5.8	5.8	5.9	6.1	6.2	6.3	6.2
Fast cost growth scenario	1.8	5.8	6.4	6.6	7.0	7.3	7.5	7.6
Cost convergence scenario	:	:	:	:	:	:	:	:
Death-related cost scenario	1.0	5.8	5.8	6.0	6.3	6.6	6.7	6.8
Income elasticity scenario	1.7	5.8	6.1	6.3	6.8	7.2	7.4	7.5

Long-term care

Long-term care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	2.0	1.4	1.4	1.5	1.8	2.4	3.0	3.4
Pure demographic scenario	2.2	1.4	1.4	1.5	1.8	2.4	3.1	3.6
GDP per capita scenario	2.2	1.4	1.6	1.7	2.0	2.5	3.2	3.6
Constant disability scenario	1.9	1.4	1.4	1.5	1.8	2.3	2.9	3.3
GDP per worker fast growth scenario	2.5	1.4	1.5	1.7	2.0	2.7	3.4	3.9
Shift 1% of dependents from informal to home care scenario	2.4	1.4	1.5	1.6	2.0	2.6	3.3	3.8
Shift 1% of dependents from informal to institutional care scenario	2.9	1.4	1.7	1.9	2.3	3.0	3.8	4.3
Shift 1% of dependents from informal to home/institutional care scenario	2.7	1.4	1.6	1.8	2.1	2.8	3.6	4.0

Number of dependent people (in thousands)	% Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	207%	14	18	20	25	33	40	44
of which: receiving formal care	282%	*8*	*10*	*11*	*14*	*19*	*25*	*29*
relying on informal or no care	126%	*7*	*8*	*9*	*12*	*14*	*15*	*16*
Pure demographic scenario	225%	14	18	20	26	35	42	47
of which: receiving formal care	301%	*8*	*10*	*11*	*14*	*20*	*26*	*30*
relying on informal or no care	142%	*7*	*8*	*9*	*12*	*15*	*16*	*17*
Constant disability scenario	190%	14	17	20	25	32	38	42
of which: receiving formal care	262%	*8*	*10*	*11*	*14*	*19*	*24*	*27*
relying on informal or no care	110%	*7*	*8*	*9*	*11*	*13*	*14*	*14*
Shift 1% of dependents from informal to home scenario	225%	14	18	20	26	35	42	47
of which: receiving formal care	363%	*8*	*11*	*13*	*17*	*23*	*30*	*35*
relying on informal or no care	73%	*7*	*7*	*7*	*9*	*11*	*12*	*12*

Education

Education spending as % of GDP - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	-0.49	3.8	3.2	3.1	3.2	3.3	3.3	3.3
Expenditure decomposition (broadly constant) : Transfers (2%) - Staff (71%) - Other (26%)								
Primary	-0.31	2.0	1.6	1.6	1.7	1.7	1.7	1.7
Expenditure decomposition (broadly constant) : Transfers (2%) - Staff (69%) - Other (29%)								
Low secondary	-0.11	0.8	0.7	0.7	0.7	0.7	0.7	0.7
Expenditure decomposition (broadly constant) : Transfers (2%) - Staff (74%) - Other (24%)								
Upper secondary	-0.07	0.9	0.8	0.8	0.8	0.8	0.9	0.8
Expenditure decomposition (broadly constant) : Transfers (2%) - Staff (75%) - Other (23%)								
Tertiary education	:	:	:	:	:	:	:	:
Expenditure decomposition (broadly constant) : Transfers (-%) - Staff (-%) - Other (-%)								
Number of students (in thousands)								
Total	28	75	81	82	88	96	100	103
as % of population 5-24	-2%	65%	64%	63%	64%	64%	64%	64%
Primary	12	36	36	37	41	44	45	47
Low secondary	7	19	20	20	22	24	25	25
Upper secondary	9	21	24	25	26	28	30	30
Tertiary education	0	0	0	0	0	0	0	0
Number of teachers (in thousands)								
Total	3	7	7	8	8	9	9	9
Primary	1	3	3	3	4	4	4	4
Low secondary	0	0	0	0	0	0	0	0
Upper secondary	2	4	4	4	4	5	5	5
Tertiary education	:	:	:	:	:	:	:	:

Education spending as % of GDP - Higher compensation per teacher (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.22	-0.3	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1

Education spending as % of GDP - Higher ratio teachers/students (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.44	0.0	0.3	0.4	0.5	0.5	0.5	0.5

Education spending as % of GDP - Higher attainment rates in tertiary education (45% by 2020) (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.07	-0.9	-0.8	-0.8	-0.8	-0.8	-0.9	-0.8

Unemployment benefit

Unemployment benefit - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Unemployment benefit spending as % of GDP	0.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4

LEGENDA:

*** The potential GDP and its components is used to estimate the rate of potential output growth, net of normal cyclical variations**

(1) Share of older population = Population aged 55 to 64 as % of population aged 15-64

(2) Old-age dependency ratio = Population aged 65 and over as a percentage of the population aged 15-64

(3) Total dependency ratio = Population under 15 and over 64 as a percentage of the population aged 15-64

(4) Total economic dependency ratio = Total population less employed as % of employed population 15-64

(5) Economic old-age dependency ratio (15-64) = Inactive population aged 65+ as % of employed population 15-64

NB: : = data not provided

Source : Commission Services (DG ECFIN), Eurostat (EUROPOP2008), EPC (AWG).

Hungary EC-EPC (AWG) 2009 projections

Main demographic and macroeconomic assumptions

Demographic projections - EUROPOP2008 (EUROSTAT)	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Fertility rate	0.2	1.35	1.37	1.39	1.42	1.46	1.50	1.53
Life expectancy at birth								
males	12.2	69.7	71.6	72.9	75.4	77.7	79.9	81.9
females	9.2	78.1	79.5	80.5	82.4	84.2	85.8	87.3
Life expectancy at 65								
males	7.0	13.6	14.6	15.3	16.7	18.1	19.4	20.6
females	6.5	17.5	18.4	19.1	20.4	21.7	22.9	24.0
Net migration (thousand)	-4.8	19.6	22.1	22.4	17.3	22.3	17.9	14.9
Net migration as % of population	0.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Population (million)	-1.3	10.0	10.0	9.9	9.7	9.4	9.1	8.7
Children population (0-14) as % of total population	-2.3	15.0	14.8	14.8	13.6	12.8	12.9	12.7
Prime age population (25-54) as % of total population	-9.4	43.6	42.4	43.0	40.4	36.9	34.9	34.1
Working age population (15-64) as % of total population	-13.4	68.8	67.4	65.4	64.5	62.2	57.7	55.4
Elderly population (65 and over) as % of total population	15.8	16.2	17.7	19.8	22.0	25.0	29.3	31.9
Very elderly population (80 and over) as % of total population	8.9	3.7	4.4	4.8	6.2	8.4	9.1	12.6
Very elderly population (80 and over) as % of elderly population	16.6	22.9	24.9	24.0	28.2	33.7	31.1	39.6
Very elderly population (80 and over) as % of working age population	17.4	5.4	6.6	7.3	9.6	13.5	15.8	22.8
Macroeconomic assumptions*	AVG 07-60	2007	2015	2020	2030	2040	2050	2060
Potential GDP (growth rate)	1.7	2.9	2.8	2.4	2.1	1.1	0.8	1.0
Employment (growth rate)	-0.5	-0.1	0.3	-0.2	-0.6	-1.0	-0.9	-0.7
Labour input : hours worked (growth rate)	-0.5	-0.3	0.3	-0.2	-0.6	-1.0	-0.9	-0.7
Labour productivity per hour (growth rate)	2.3	3.2	2.6	2.6	2.7	2.1	1.7	1.7
TFP (growth rate)	1.4	1.5	1.4	1.5	1.7	1.3	1.1	1.1
Capital deepening (contribution to labour productivity growth)	0.9	1.8	1.1	1.1	0.9	0.7	0.6	0.6
GDP per capita (growth rate)	2.0	4.0	2.9	2.6	2.4	1.4	1.1	1.5
GDP per worker (growth rate)	2.3	3.0	2.6	2.6	2.7	2.1	1.7	1.7
GDP in 2007 prices (in millions euros)		101.1	127.8	145.0	178.4	206.6	226.7	248.4
Labour force assumptions	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Working age population (15-64) (in thousands)	-2103	6931	6718	6468	6221	5822	5232	4829
Population growth (working age:15-64)	-0.7	0.0	-0.7	-1.0	-0.3	-1.2	-0.8	-0.7
Labour force 15-64 (thousands)	-1141	4279	4395	4308	4099	3744	3395	3138
Participation rate (15-64)	3.2	61.7	65.4	66.6	65.9	64.3	64.9	65.0
young (15-24)	0.1	26.1	28.3	27.0	26.2	27.0	26.7	26.2
prime-age (25-54)	1.0	80.0	81.5	81.5	81.3	80.9	81.1	81.1
older (55-64)	15.2	34.1	46.4	47.2	50.8	48.8	49.4	49.3
Participation rate (15-64) - FEMALES	5.7	55.0	60.0	61.2	61.1	60.0	60.5	60.7
young (15-24)	-0.2	22.1	23.8	22.6	21.9	22.6	22.3	21.9
prime-age (25-54)	3.0	73.2	75.0	75.6	76.4	75.9	76.0	76.2
older (55-64)	19.9	26.9	44.7	44.0	46.4	46.2	46.8	46.8
Participation rate (15-64) - MALES	0.5	68.7	70.9	72.1	70.7	68.6	69.3	69.2
young (15-24)	0.4	29.9	32.6	31.2	30.3	31.2	30.9	30.3
prime-age (25-54)	-1.1	87.0	87.9	87.3	86.1	85.8	86.0	85.8
older (55-64)	9.0	42.9	48.4	51.0	55.6	51.5	52.1	52.0
Employment rate (15-64)	3.8	57.2	60.9	62.5	61.8	60.3	60.9	61.0
Employment rate (20-64)	3.7	62.5	65.6	67.3	67.0	65.1	65.7	66.2
Employment rate (15-71)	1.3	52.5	55.6	56.4	56.7	54.1	53.6	53.8
Unemployment rate (15-64)	-1.2	7.4	7.0	6.2	6.2	6.2	6.2	6.2
Employment (15-64) (in millions)	-1.0	4.0	4.1	4.0	3.8	3.5	3.2	2.9
share of young (15-24)	-1%	7%	6%	6%	6%	6%	6%	6%
share of prime-age (25-54)	-6%	83%	79%	81%	78%	75%	76%	77%
share of older (55-64)	6%	10%	15%	14%	17%	19%	19%	17%
Dependency ratios:	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Share of older population (55-64) (1)	3.2	18.3	20.3	18.5	20.7	24.6	23.7	21.5
Old-age dependency ratio (2)	34	24	26	30	34	40	51	58
Total dependency ratio (3)	35	45	48	53	55	61	73	81
Total economic dependency ratio (4)	41	152	142	143	149	163	181	193
Economic old-age dependency ratio (15-64) (5)	51	40	42	46	53	64	80	91

Pension expenditure projections

Baseline scenario as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	3.0	10.9	10.9	11.0	11.0	12.2	13.2	13.8
Old-age and early pensions, gross	3.7	9.0	9.6	9.9	9.8	11.0	12.1	12.7
Of which : earnings-related pensions, gross	3.5	8.8	9.4	9.7	9.6	10.7	11.7	12.3
Other pensions (disability, survivors), gross	-0.8	1.9	1.4	1.1	1.2	1.2	1.2	1.1
Occupational pensions, gross	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Private mandatory pensions, gross	2.2	0.0	0.0	0.1	0.4	1.0	1.6	2.2
Social security pensions, net	2.3	10.9	10.8	10.7	10.6	11.6	12.6	13.2
Social security pensions, contributions	0.0	8.6	8.7	8.6	8.6	8.7	8.6	8.6
Social security pensions, assets	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Additional indicators	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, net/social sec. Pensions, gross, %	-5.0	100.0	99.0	97.4	96.1	95.2	95.0	95.0
Pensioners (social security, in 1000 persons)	202	3049	3014	3050	3087	3242	3285	3252
Pensioners aged 65+ (1000 pers)	1097.7	1596	1766	1947	2017	2243	2542	2694
Share of pensioners below age 65 as % of all pensioners	-23%	48%	41%	36%	36%	34%	28%	25%
Average gross pension (social security - € 1000 in 2007 prices)	7.0	3.6	4.6	5.2	6.4	7.8	9.1	10.6
Benefit ratio (Social security pensions)	-3.1	38.9	41.6	41.3	38.8	37.7	36.6	35.8
Gross replacement rate at retirement (social security pensions)	-0.1	0.5	0.5	0.5	0.4	0.4	0.4	0.4
Contributors (social security pensions, in 1000 persons)	-951	3987	4140	4129	3923	3615	3286	3036
Support ratio (contributors/100 pensioners, social security pensions)	-37.4	131	137	135	127	111	100	93
High life expectancy as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.3	0.0	0.0	0.0	0.1	0.2	0.3	0.3
Old-age and early pensions, gross	0.3	0.0	0.0	0.0	0.1	0.2	0.3	0.3
High labour productivity as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.4	0.0	0.0	-0.1	-0.2	-0.2	-0.3	-0.4
Old-age and early pensions, gross	-0.3	0.0	0.0	-0.1	-0.2	-0.2	-0.3	-0.3
Zero migration as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	1.4	0.0	0.1	0.3	0.5	0.8	1.2	1.4
Old-age and early pensions, gross	1.4	0.0	0.1	0.2	0.4	0.8	1.1	1.4
High employment rate (1 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.0	0.0	-0.1	-0.2	-0.2	-0.1	-0.1	0.0
Old-age and early pensions, gross	0.0	0.0	-0.1	-0.2	-0.2	-0.1	-0.1	0.0
High older workers empl. Rate (5 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.2	0.0	-0.1	-0.2	-0.2	-0.3	-0.2	-0.2
Old-age and early pensions, gross	-0.2	0.0	-0.1	-0.2	-0.2	-0.2	-0.2	-0.2
Decomposition of the increase (in p.p.) in pension expenditure (social security) - selected years	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Social security pensions, gross as % of GDP	2.7	11.2	10.9	11.0	11.0	12.2	13.2	13.8
Social security pensions, gross as % of GDP - p.p. ch. from 2007 due to :		0.3	0.1	0.2	0.2	1.3	2.4	3.0
Dependency ratio	11.1	0.2	1.5	3.1	4.5	6.4	9.5	11.3
Coverage ratio	-5.3	-0.1	-1.1	-2.1	-2.8	-3.3	-4.7	-5.4
Employment effect	-0.6	-0.1	-0.7	-0.9	-0.8	-0.6	-0.7	-0.7
Benefit ratio	-1.5	0.4	0.6	0.5	-0.2	-0.5	-0.8	-1.1
Interaction effect (residual)	-1.0	0.0	-0.2	-0.5	-0.6	-0.7	-1.0	-1.0
over selected time periods	2007-2060		2007-2015	2015-2020	2025-2030	2035-2040	2045-2050	2055-2060
Social security pensions, gross as % of GDP	3.0		0.06	0.09	0.09	0.74	0.49	0.17
Dependency ratio	11.3		1.48	1.66	0.26	1.23	1.13	0.79
Coverage ratio	-5.4		-1.11	-0.96	0.02	-0.38	-0.43	-0.39
Employment effect	-0.7		-0.66	-0.28	0.15	0.13	-0.02	-0.04
Benefit ratio	-1.1		0.59	-0.07	-0.36	-0.13	-0.19	-0.15
Interaction effect (residual)	-1.02		-0.23	-0.27	0.02	-0.10	0.00	-0.03

Health care

Health care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	1.3	5.8	5.9	6.0	6.4	6.7	6.9	7.0
Pure ageing scenario	1.7	5.8	5.9	6.1	6.5	7.0	7.3	7.5
Labour intensity scenario	3.0	5.8	5.8	5.9	6.5	7.3	8.1	8.8
Constant health scenario	0.2	5.8	5.6	5.6	5.7	5.8	6.0	6.0
Fast cost growth scenario	2.3	5.8	6.3	6.5	7.0	7.4	7.8	8.1
Cost convergence scenario	3.1	5.8	6.0	6.3	6.9	7.6	8.2	8.8
Death-related cost scenario	1.3	5.8	5.7	5.9	6.3	6.6	6.9	7.1
Income elasticity scenario	2.2	5.8	6.0	6.3	6.8	7.3	7.7	8.0

Long-term care

Long-term care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	0.4	0.3	0.3	0.3	0.4	0.4	0.5	0.6
Pure demographic scenario	0.4	0.3	0.3	0.3	0.4	0.4	0.5	0.6
GDP per capita scenario	0.3	0.3	0.3	0.3	0.4	0.4	0.5	0.6
Constant disability scenario	0.4	0.3	0.3	0.3	0.4	0.4	0.5	0.6
GDP per worker fast growth scenario	0.5	0.3	0.3	0.3	0.4	0.5	0.6	0.7
Shift 1% of dependents from informal to home care scenario	0.6	0.3	0.3	0.4	0.5	0.6	0.7	0.9
Shift 1% of dependents from informal to institutional care scenario	0.8	0.3	0.4	0.5	0.6	0.7	0.9	1.0
Shift 1% of dependents from informal to home/institutional care scenario	0.7	0.3	0.4	0.4	0.5	0.6	0.8	1.0

Number of dependent people (in thousands)	% Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	80%	594	652	721	794	884	996	1068
of which: receiving formal care	113%	*86*	*96*	*106*	*124*	*142*	*161*	*183*
relying on informal or no care	74%	*508*	*555*	*615*	*670*	*741*	*835*	*885*
Pure demographic scenario	85%	594	655	726	805	899	1019	1098
of which: receiving formal care	119%	*86*	*97*	*107*	*126*	*145*	*165*	*188*
relying on informal or no care	79%	*508*	*558*	*619*	*679*	*754*	*854*	*910*
Constant disability scenario	75%	594	649	716	783	869	973	1038
of which: receiving formal care	107%	*86*	*96*	*105*	*122*	*140*	*157*	*178*
relying on informal or no care	69%	*508*	*553*	*611*	*660*	*729*	*816*	*860*
Shift 1% of dependents from informal to home scenario	85%	594	655	726	805	899	1019	1098
of which: receiving formal care	246%	*86*	*149*	*179*	*207*	*235*	*267*	*298*
relying on informal or no care	57%	*508*	*505*	*547*	*599*	*664*	*753*	*800*

Education

Education spending as % of GDP - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	-0.43	4.4	3.8	3.8	3.7	3.7	3.8	4.0
Expenditure decomposition (broadly constant) : Transfers (7%) - Staff (66%) - Other (27%)								
Primary	0.01	1.0	1.0	1.0	1.0	0.9	1.0	1.0
Expenditure decomposition (broadly constant) : Transfers (4%) - Staff (71%) - Other (25%)								
Low secondary	-0.11	1.1	0.9	0.9	0.9	0.9	0.9	1.0
Expenditure decomposition (broadly constant) : Transfers (4%) - Staff (73%) - Other (22%)								
Upper secondary	-0.18	1.2	1.0	1.0	1.0	1.0	1.0	1.1
Expenditure decomposition (broadly constant) : Transfers (5%) - Staff (69%) - Other (26%)								
Tertiary education	-0.14	1.0	0.9	0.8	0.8	0.9	0.9	0.9
Expenditure decomposition (broadly constant) : Transfers (16%) - Staff (51%) - Other (33%)								
Number of students (in thousands)								
Total	-621	1928	1714	1678	1593	1438	1354	1307
as % of population 5-24	1%	83%	81%	83%	82%	82%	83%	83%
Primary	-96	402	405	412	365	326	324	306
Low secondary	-149	464	394	409	383	337	323	315
Upper secondary	-221	622	512	493	498	445	406	400
Tertiary education	-154	441	403	364	347	330	302	286
Number of teachers (in thousands)								
Total	-48	152	135	134	127	113	108	104
Primary	-9	39	39	40	35	31	31	29
Low secondary	-15	45	39	40	38	33	32	31
Upper secondary	-17	47	39	37	38	34	31	30
Tertiary education	-7	21	19	17	16	16	14	13

Education spending as % of GDP - Higher compensation per teacher (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.16	0.1	0.2	0.2	0.3	0.3	0.2	0.3

Education spending as % of GDP - Higher ratio teachers/students (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.49	0.1	0.3	0.5	0.5	0.5	0.5	0.6

Education spending as % of GDP - Higher attainment rates in tertiary education (45% by 2020) (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.27	0.2	0.5	0.5	0.5	0.5	0.5	0.5

Unemployment benefit

Unemployment benefit - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Unemployment benefit spending as % of GDP	-0.1	0.3	0.3	0.2	0.2	0.2	0.2	0.2

LEGENDA:

*** The potential GDP and its components is used to estimate the rate of potential output growth, net of normal cyclical variations**

(1) Share of older population = Population aged 55 to 64 as % of population aged 15-64

(2) Old-age dependency ratio = Population aged 65 and over as a percentage of the population aged 15-64

(3) Total dependency ratio = Population under 15 and over 64 as a percentage of the population aged 15-64

(4) Total economic dependency ratio = Total population less employed as % of employed population 15-64

(5) Economic old-age dependency ratio (15-64) = Inactive population aged 65+ as % of employed population 15-64

NB: : = data not provided

Source : Commission Services (DG ECFIN), Eurostat (EUROPOP2008), EPC (AWG).

Malta EC-EPC (AWG) 2009 projections

Main demographic and macroeconomic assumptions

Demographic projections - EUROPOP2008 (EUROSTAT)	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Fertility rate	0.2	1.38	1.41	1.42	1.46	1.49	1.52	1.55
Life expectancy at birth								
males	8.3	76.0	77.3	78.2	79.9	81.5	83.0	84.3
females	7.6	81.1	82.3	83.1	84.6	86.1	87.4	88.6
Life expectancy at 65								
males	5.5	15.9	16.7	17.2	18.3	19.4	20.4	21.4
females	5.7	19.1	20.0	20.5	21.7	22.8	23.8	24.8
Net migration (thousand)	-0.2	1.0	1.1	1.0	0.9	0.9	0.9	0.8
Net migration as % of population	0.0	0.2	0.3	0.2	0.2	0.2	0.2	0.2
Population (million)	0.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Children population (0-14) as % of total population	-3.6	16.3	14.6	14.6	14.0	12.7	12.6	12.7
Prime age population (25-54) as % of total population	-8.1	41.8	41.1	40.9	40.1	37.0	34.6	33.6
Working age population (15-64) as % of total population	-15.0	69.9	67.4	65.1	61.8	61.6	58.4	54.9
Elderly population (65 and over) as % of total population	18.6	13.8	18.0	20.3	24.2	25.7	29.1	32.4
Very elderly population (80 and over) as % of total population	8.7	3.2	3.9	4.5	7.1	9.3	9.9	11.8
Very elderly population (80 and over) as % of elderly population	13.6	22.9	21.6	22.4	29.2	36.3	33.9	36.5
Very elderly population (80 and over) as % of working age population	17.0	4.5	5.8	7.0	11.4	15.1	16.9	21.5
Macroeconomic assumptions*	AVG 07-60	2007	2015	2020	2030	2040	2050	2060
Potential GDP (growth rate)	1.7	2.9	2.7	2.7	1.7	1.2	0.8	1.0
Employment (growth rate)	-0.2	2.0	0.2	0.0	-0.1	-0.5	-0.9	-0.7
Labour input : hours worked (growth rate)	-0.2	1.4	0.2	0.0	-0.1	-0.5	-0.9	-0.7
Labour productivity per hour (growth rate)	1.9	1.5	2.5	2.7	1.8	1.7	1.7	1.7
TFP (growth rate)	1.2	1.0	1.6	1.7	1.2	1.1	1.1	1.1
Capital deepening (contribution to labour productivity growth)	0.7	0.5	0.9	0.9	0.6	0.6	0.6	0.6
GDP per capita (growth rate)	1.7	2.2	2.4	2.4	1.7	1.4	1.1	1.3
GDP per worker (growth rate)	1.9	0.9	2.5	2.7	1.8	1.7	1.7	1.7
GDP in 2007 prices (in millions euros)		5.4	6.6	7.6	9.3	10.7	11.8	12.9
Labour force assumptions	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Working age population (15-64) (in thousands)	-61	283	284	278	267	261	242	222
Population growth (working age:15-64)	-2.0	1.3	-0.4	-0.4	-0.2	-0.5	-0.9	-0.7
Labour force 15-64 (thousands)	-26	169	174	175	174	168	156	143
Participation rate (15-64)	4.9	59.5	61.2	63.0	65.1	64.4	64.4	64.4
young (15-24)	0.6	55.4	58.0	58.2	55.7	56.5	57.0	56.0
prime-age (25-54)	1.9	69.9	71.9	72.4	71.7	71.6	71.9	71.8
older (55-64)	18.7	31.6	32.0	38.1	50.6	51.6	51.1	50.3
Participation rate (15-64) - FEMALES	5.2	39.9	42.9	44.1	45.5	45.0	45.0	45.1
young (15-24)	1.1	52.7	55.7	55.7	53.5	54.2	54.7	53.7
prime-age (25-54)	4.8	44.5	48.9	49.9	49.0	49.0	49.5	49.3
older (55-64)	14.1	13.3	14.0	17.7	26.9	28.3	27.9	27.4
Participation rate (15-64) - MALES	4.5	78.5	78.9	81.2	84.0	83.0	83.0	83.0
young (15-24)	0.1	58.1	60.1	60.6	57.9	58.6	59.1	58.2
prime-age (25-54)	-0.8	94.3	93.8	93.8	93.4	93.2	93.4	93.5
older (55-64)	22.3	50.4	50.3	58.5	73.8	73.9	73.6	72.7
Employment rate (15-64)	4.6	55.8	57.4	59.1	61.1	60.4	60.4	60.4
Employment rate (20-64)	4.3	59.4	60.5	62.0	64.4	63.6	63.4	63.7
Employment rate (15-71)	0.5	51.7	50.9	52.2	54.3	54.3	52.7	52.2
Unemployment rate (15-64)	0.0	6.2	6.2	6.2	6.2	6.2	6.2	6.2
Employment (15-64) (in millions)	0.0	0.2	0.2	0.2	0.2	0.2	0.1	0.1
share of young (15-24)	-5%	18%	16%	14%	13%	13%	13%	13%
share of prime-age (25-54)	-3%	72%	73%	73%	72%	68%	67%	69%
share of older (55-64)	7%	11%	11%	13%	15%	19%	20%	18%
Dependency ratios:	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Share of older population (55-64) (1)	2.2	20.1	20.3	20.5	19.0	23.4	24.8	22.3
Old-age dependency ratio (2)	39	20	27	31	39	42	50	59
Total dependency ratio (3)	39	43	48	54	62	62	71	82
Total economic dependency ratio (4)	41	158	158	160	163	167	181	199
Economic old-age dependency ratio (15-64) (5)	60	35	46	53	63	67	80	95

Pension expenditure projections

Baseline scenario as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	6.2	7.2	9.1	9.3	9.3	10.5	12.0	13.4
Old-age and early pensions, gross	6.9	4.2	6.2	6.4	6.7	8.0	9.6	11.1
Of which : earnings-related pensions, gross	:	:	:	:	:	:	:	:
Other pensions (disability, survivors), gross	-0.8	3.0	2.9	2.8	2.6	2.5	2.3	2.3
Occupational pensions, gross	:	:	:	:	:	:	:	:
Private mandatory pensions, gross	:	:	:	:	:	:	:	:
Social security pensions, net	:	:	:	:	:	:	:	:
Social security pensions, contributions	-0.1	5.9	6.0	6.0	6.0	6.0	5.9	5.8
Social security pensions, assets	:	:	:	:	:	:	:	:

Additional indicators	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, net/social sec. Pensions, gross, %	:	:	:	:	:	:	:	:
Pensioners (social security, in 1000 persons)	48	68	89	97	105	107	110	117
Pensioners aged 65+ (1000 pers)	61.7	44	67	77	92	93	98	106
Share of pensioners below age 65 as % of all pensioners	-26%	35%	25%	21%	13%	13%	11%	9%
Average gross pension (social security - € 1000 in 2007 prices)	9.1	5.7	6.7	7.2	8.3	10.5	12.8	14.8
Benefit ratio (Social security pensions)	-2.3	42.3	42.3	39.8	37.4	39.9	41.0	40.0
Gross replacement rate at retirement (social security pensions)	:	:	:	:	:	:	:	:
Contributors (social security pensions, in 1000 persons)	-13	159	165	169	172	170	159	146
Support ratio (contributors/100 pensioners, social security pensions)	-107.3	233	184	173	165	159	144	125
High life expectancy as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.4	0.0	0.0	0.0	0.1	0.2	0.3	0.4
Old-age and early pensions, gross	0.3	0.0	0.0	0.0	0.1	0.1	0.2	0.3
High labour productivity as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.7	0.0	0.0	-0.1	-0.3	-0.4	-0.5	-0.7
Old-age and early pensions, gross	-0.6	0.0	0.0	-0.1	-0.2	-0.2	-0.4	-0.6
Zero migration as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	2.3	0.0	0.2	0.3	0.7	1.1	1.7	2.3
Old-age and early pensions, gross	1.9	0.0	0.1	0.2	0.5	0.9	1.4	1.9
High employment rate (1 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Old-age and early pensions, gross	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	0.0
High older workers empl. Rate (5 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Old-age and early pensions, gross	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	0.0
Decomposition of the increase (in p.p.) in pension expenditure (social security) - selected years	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Social security pensions, gross as % of GDP	5.6	7.7	9.1	9.3	9.3	10.5	12.0	13.4
Social security pensions, gross as % of GDP - p.p. ch. from 2007 due to :		0.6	1.9	2.1	2.1	3.3	4.8	6.2
Dependency ratio	11.2	0.2	2.7	4.3	6.5	7.1	9.1	11.3
Coverage ratio	-3.4	0.3	-0.4	-0.8	-1.8	-2.0	-2.8	-3.1
Employment effect	-0.7	0.1	-0.2	-0.5	-0.8	-0.7	-0.7	-0.7
Benefit ratio	-0.6	0.1	0.0	-0.6	-1.1	-0.5	-0.2	-0.5
Interaction effect (residual)	-0.8	0.0	-0.2	-0.3	-0.6	-0.6	-0.7	-0.8
over selected time periods	2007-2060		2007-2015	2015-2020	2025-2030	2035-2040	2045-2050	2055-2060
Social security pensions, gross as % of GDP	6.2		1.93	0.15	0.23	0.79	0.64	0.65
Dependency ratio	11.3		2.71	1.56	0.83	0.42	1.10	1.08
Coverage ratio	-3.1		-0.35	-0.46	-0.46	-0.15	-0.43	-0.18
Employment effect	-0.7		-0.20	-0.26	-0.14	0.06	0.00	-0.03
Benefit ratio	-0.5		-0.05	-0.53	0.09	0.47	0.02	-0.19
Interaction effect (residual)	-0.78		-0.18	-0.14	-0.09	-0.01	-0.05	-0.03

Health care

Health care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	3.3	4.7	5.3	5.6	6.4	7.2	7.6	8.0
Pure ageing scenario	3.8	4.7	5.3	5.7	6.5	7.4	7.9	8.5
Labour intensity scenario	5.0	4.7	5.2	5.7	6.6	7.5	8.4	9.7
Constant health scenario	2.2	4.7	5.1	5.3	5.9	6.4	6.6	6.9
Fast cost growth scenario	4.4	4.7	5.6	6.1	7.0	7.9	8.4	9.1
Cost convergence scenario	5.4	4.7	5.5	6.0	7.2	8.3	9.1	10.1
Death-related cost scenario	2.6	4.7	5.0	5.4	6.1	6.5	6.8	7.3
Income elasticity scenario	4.2	4.7	5.4	5.8	6.8	7.7	8.2	8.9

Long-term care

Long-term care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	1.6	1.0	1.1	1.2	1.6	2.0	2.2	2.6
Pure demographic scenario	1.9	1.0	1.1	1.3	1.7	2.1	2.3	2.8
GDP per capita scenario	1.5	1.0	1.1	1.3	1.7	2.0	2.1	2.5
Constant disability scenario	1.4	1.0	1.1	1.2	1.6	1.9	2.1	2.4
GDP per worker fast growth scenario	2.1	1.0	1.2	1.4	1.9	2.3	2.6	3.1
Shift 1% of dependents from informal to home care scenario	1.9	1.0	1.2	1.3	1.7	2.1	2.3	2.8
Shift 1% of dependents from informal to institutional care scenario	2.5	1.0	1.3	1.5	2.1	2.5	2.9	3.5
Shift 1% of dependents from informal to home/institutional care scenario	2.2	1.0	1.2	1.4	1.9	2.3	2.6	3.1

Number of dependent people (in thousands)	% Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	165%	9	12	14	19	21	23	25
of which: receiving formal care	169%	*11*	*14*	*17*	*22*	*25*	*27*	*30*
relying on informal or no care	0%	*0*	*0*	*0*	*0*	*0*	*0*	*0*
Pure demographic scenario	186%	9	13	15	19	23	24	27
of which: receiving formal care	192%	*11*	*14*	*17*	*23*	*27*	*29*	*32*
relying on informal or no care	0%	*0*	*0*	*0*	*0*	*0*	*0*	*0*
Constant disability scenario	143%	9	12	14	18	20	21	23
of which: receiving formal care	147%	*11*	*14*	*16*	*21*	*24*	*25*	*27*
relying on informal or no care	0%	*0*	*0*	*0*	*0*	*0*	*0*	*0*
Shift 1% of dependents from informal to home scenario	186%	9	13	15	19	23	24	27
of which: receiving formal care	216%	*11*	*15*	*18*	*25*	*29*	*31*	*35*
relying on informal or no care	0%	*0*	*0*	*0*	*0*	*0*	*0*	*0*

Education

Education spending as % of GDP - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	-1.01	5.0	4.2	4.0	3.9	3.7	3.7	4.0
Expenditure decomposition (broadly constant) : Transfers (0%) - Staff (65%) - Other (35%)								
Primary	-0.17	1.3	1.1	1.1	1.1	1.0	1.0	1.1
Expenditure decomposition (broadly constant) : Transfers (0%) - Staff (69%) - Other (31%)								
Low secondary	-0.50	2.1	1.6	1.5	1.6	1.5	1.4	1.6
Expenditure decomposition (broadly constant) : Transfers (0%) - Staff (71%) - Other (29%)								
Upper secondary	-0.17	0.6	0.5	0.5	0.4	0.4	0.4	0.4
Expenditure decomposition (broadly constant) : Transfers (0%) - Staff (51%) - Other (49%)								
Tertiary education	-0.18	1.0	1.0	0.9	0.8	0.8	0.8	0.8
Expenditure decomposition (broadly constant) : Transfers (0%) - Staff (54%) - Other (46%)								
Number of students (in thousands)								
Total	-23	76	66	63	63	58	54	53
as % of population 5-24	3%	71%	70%	72%	74%	72%	73%	74%
Primary	-7	28	25	26	25	22	22	21
Low secondary	-9	27	21	20	21	20	18	18
Upper secondary	-4	11	10	9	9	8	7	7
Tertiary education	-3	9	9	8	7	8	7	7
Number of teachers (in thousands)								
Total	-2	6	5	5	5	5	4	4
Primary	-1	2	2	2	2	2	2	2
Low secondary	-1	3	2	2	2	2	2	2
Upper secondary	0	1	1	0	0	0	0	0
Tertiary education	0	1	1	1	1	1	1	1

Education spending as % of GDP - Higher compensation per teacher (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.15	-0.1	0.0	0.1	0.1	0.1	0.1	0.1

Education spending as % of GDP - Higher ratio teachers/students (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.47	-0.1	0.2	0.4	0.4	0.4	0.4	0.4

Education spending as % of GDP - Higher attainment rates in tertiary education (45% by 2020) (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.37	0.4	0.9	0.8	0.8	0.8	0.8	0.8

Unemployment benefit

Unemployment benefit - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Unemployment benefit spending as % of GDP	0.0	0.4	0.4	0.3	0.3	0.3	0.3	0.3

LEGENDA:

*** The potential GDP and its components is used to estimate the rate of potential output growth, net of normal cyclical variations**

(1) Share of older population = Population aged 55 to 64 as % of population aged 15-64

(2) Old-age dependency ratio = Population aged 65 and over as a percentage of the population aged 15-64

(3) Total dependency ratio = Population under 15 and over 64 as a percentage of the population aged 15-64

(4) Total economic dependency ratio = Total population less employed as % of employed population 15-64

(5) Economic old-age dependency ratio (15-64) = Inactive population aged 65+ as % of employed population 15-64

NB: : = data not provided

Source : Commission Services (DG ECFIN), Eurostat (EUROPOP2008), EPC (AWG).

Netherlands EC-EPC (AWG) 2009 projections

Main demographic and macroeconomic assumptions

Demographic projections - EUROPOP2008 (EUROSTAT)	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Fertility rate	0.0	1.72	1.73	1.73	1.74	1.75	1.76	1.77
Life expectancy at birth								
males	7.0	77.9	79.0	79.7	81.1	82.5	83.7	84.9
females	6.7	82.2	83.2	83.9	85.3	86.6	87.8	88.9
Life expectancy at 65								
males	5.1	16.5	17.3	17.8	18.8	19.8	20.8	21.7
females	5.1	19.9	20.7	21.2	22.2	23.2	24.1	25.0
Net migration (thousand)	0.5	7.8	8.2	10.6	13.7	6.5	7.2	8.4
Net migration as % of population	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.1
Population (million)	0.2	16.4	16.7	16.9	17.2	17.2	16.9	16.6
Children population (0-14) as % of total population	-2.9	17.9	16.6	15.7	15.7	15.6	14.9	15.0
Prime age population (25-54) as % of total population	-7.7	42.6	40.4	38.8	36.4	36.2	35.5	34.9
Working age population (15-64) as % of total population	-9.6	67.4	65.6	64.5	60.2	57.5	58.4	57.8
Elderly population (65 and over) as % of total population	12.5	14.7	17.8	19.8	24.1	26.9	26.6	27.3
Very elderly population (80 and over) as % of total population	7.1	3.8	4.3	4.7	6.9	9.0	11.1	10.9
Very elderly population (80 and over) as % of elderly population	14.5	25.5	24.1	23.8	28.8	33.3	41.6	39.9
Very elderly population (80 and over) as % of working age population	13.3	5.6	6.5	7.3	11.5	15.6	19.0	18.8
Macroeconomic assumptions*	AVG 07-60	2007	2015	2020	2030	2040	2050	2060
Potential GDP (growth rate)	1.5	2.1	1.7	1.5	1.2	1.5	1.5	1.3
Employment (growth rate)	-0.2	0.8	0.1	-0.2	-0.5	-0.2	-0.2	-0.4
Labour input : hours worked (growth rate)	-0.2	0.5	0.0	-0.3	-0.5	-0.2	-0.2	-0.4
Labour productivity per hour (growth rate)	1.7	1.6	1.7	1.8	1.7	1.7	1.7	1.7
TFP (growth rate)	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Capital deepening (contribution to labour productivity growth)	0.6	0.6	0.6	0.7	0.6	0.6	0.6	0.6
GDP per capita (growth rate)	1.5	2.0	1.5	1.3	1.1	1.6	1.7	1.5
GDP per worker (growth rate)	1.7	1.3	1.7	1.7	1.7	1.7	1.7	1.7
GDP in 2007 prices (in millions euros)		559.5	649.2	702.9	800.9	920.8	1072.9	1235.2
Labour force assumptions	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Working age population (15-64) (in thousands)	-1444	11031	10972	10901	10366	9907	9879	9587
Population growth (working age:15-64)	-0.5	0.1	-0.1	-0.2	-0.7	-0.1	-0.1	-0.4
Labour force 15-64 (thousands)	-986	8678	8716	8662	8262	8021	7942	7691
Participation rate (15-64)	1.6	78.7	79.4	79.5	79.7	81.0	80.4	80.2
young (15-24)	1.1	72.7	73.6	73.5	73.8	73.3	73.6	73.8
prime-age (25-54)	2.5	87.7	89.0	89.6	90.1	90.2	90.1	90.2
older (55-64)	4.2	53.3	55.3	56.1	55.8	57.5	57.8	57.6
Participation rate (15-64) - FEMALES	5.6	72.4	75.5	76.3	77.2	78.7	78.2	78.0
young (15-24)	1.2	72.4	73.4	73.3	73.6	73.2	73.4	73.5
prime-age (25-54)	5.9	81.2	84.8	86.1	87.0	87.2	87.2	87.1
older (55-64)	14.1	41.8	49.2	51.4	53.5	55.7	56.2	55.9
Participation rate (15-64) - MALES	-2.4	84.8	83.3	82.6	82.1	83.2	82.5	82.4
young (15-24)	1.0	73.0	73.8	73.7	74.0	73.5	73.8	74.0
prime-age (25-54)	-1.0	94.0	93.2	93.0	93.1	93.0	92.9	93.0
older (55-64)	-5.5	64.7	61.4	60.9	58.1	59.4	59.5	59.1
Employment rate (15-64)	1.7	76.1	77.0	77.1	77.3	78.5	78.0	77.8
Employment rate (20-64)	1.7	78.0	78.9	78.9	79.0	80.6	80.0	79.7
Employment rate (15-71)	-0.8	70.8	70.3	70.0	69.2	70.3	71.0	70.0
Unemployment rate (15-64)	-0.2	3.2	3.0	3.0	3.0	3.0	3.0	3.0
Employment (15-64) (in millions)	-0.9	8.4	8.5	8.4	8.0	7.8	7.7	7.5
share of young (15-24)	0%	16%	17%	17%	16%	16%	17%	16%
share of prime-age (25-54)	-3%	72%	69%	68%	69%	71%	69%	68%
share of older (55-64)	3%	12%	14%	15%	15%	13%	15%	15%
Dependency ratios:	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Share of older population (55-64) (1)	2.5	18.9	19.9	21.4	22.1	18.7	20.6	21.3
Old-age dependency ratio (2)	25	22	27	31	40	47	46	47
Total dependency ratio (3)	25	48	52	55	66	74	71	73
Total economic dependency ratio (4)	26	93	95	98	111	118	116	119
Economic old-age dependency ratio (15-64) (5)	30	27	33	37	48	56	55	57

Pension expenditure projections

Baseline scenario as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	4.0	6.6	7.2	7.8	9.3	10.3	10.3	10.5
Old-age and early pensions, gross	4.5	4.5	5.3	5.9	7.6	8.8	8.7	9.0
Of which : earnings-related pensions, gross	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other pensions (disability, survivors), gross	-0.5	2.1	1.9	1.9	1.7	1.6	1.6	1.6
Occupational pensions, gross	6.9	5.2	5.9	6.7	9.0	10.8	11.1	12.1
Private mandatory pensions, gross	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Social security pensions, net	3.5	5.4	5.9	6.4	7.8	8.7	8.7	8.9
Social security pensions, contributions	:	:	:	:	:	:	:	:
Social security pensions, assets	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Additional indicators	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, net/social sec. Pensions, gross, %	2.8	81.5	82.2	82.7	83.6	84.2	84.2	84.2
Pensioners (social security, in 1000 persons)	1856	3302	3856	4201	4903	5301	5158	5158
Pensioners aged 65+ (1000 pers)	2154.8	2368	2973	3346	4147	4633	4506	4523
Share of pensioners below age 65 as % of all pensioners	-14%	32%	28%	25%	21%	19%	19%	18%
Average gross pension (social security - € 1000 in 2007 prices)	14.1	11.1	12.1	13.0	15.2	18.0	21.4	25.3
Benefit ratio (Social security pensions)	-3.2	43.8	41.6	41.1	40.4	40.4	40.7	40.5
Gross replacement rate at retirement (social security pensions)	:	:	:	:	:	:	:	:
Contributors (social security pensions, in 1000 persons)	1278	10981	11761	12015	12464	12725	12463	12259
Support ratio (contributors/100 pensioners, social security pensions)	-94.9	333	305	286	254	240	242	238
High life expectancy as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.3	0.0	0.0	0.0	0.1	0.2	0.2	0.3
Old-age and early pensions, gross	0.3	0.0	0.0	0.0	0.1	0.2	0.2	0.3
High labour productivity as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Old-age and early pensions, gross	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Zero migration as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	1.0	0.0	0.0	0.1	0.4	0.9	1.1	1.0
Old-age and early pensions, gross	1.0	0.0	0.0	0.1	0.4	0.8	1.1	1.0
High employment rate (1 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.1	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1
Old-age and early pensions, gross	-0.1	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1
High older workers empl. Rate (5 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.1	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1
Old-age and early pensions, gross	-0.1	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1
Decomposition of the increase (in p.p.) in pension expenditure (social security) - selected years	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Social security pensions, gross as % of GDP	4.2	6.3	7.2	7.8	9.3	10.3	10.3	10.5
Social security pensions, gross as % of GDP - p.p. ch. from 2007 due to :		-0.2	0.6	1.2	2.7	3.8	3.7	4.0
Dependency ratio	6.5	0.1	1.7	2.7	5.0	6.5	6.3	6.6
Coverage ratio	-1.4	-0.1	-0.5	-0.7	-1.2	-1.5	-1.5	-1.5
Employment effect	-0.2	0.0	-0.1	-0.1	-0.1	-0.3	-0.2	-0.2
Benefit ratio	-0.3	-0.3	-0.4	-0.5	-0.6	-0.6	-0.5	-0.6
Interaction effect (residual)	-0.4	0.0	-0.2	-0.2	-0.4	-0.4	-0.4	-0.4
over selected time periods	2007-2060		2007-2015	2015-2020	2025-2030	2035-2040	2045-2050	2055-2060
Social security pensions, gross as % of GDP	4.0		0.61	0.59	0.85	0.34	-0.05	0.17
Dependency ratio	6.6		1.72	0.95	1.22	0.51	-0.12	0.28
Coverage ratio	-1.5		-0.46	-0.23	-0.23	-0.11	0.00	-0.04
Employment effect	-0.2		-0.08	0.00	-0.03	-0.09	0.05	-0.01
Benefit ratio	-0.6		-0.36	-0.10	-0.03	0.02	0.02	-0.04
Interaction effect (residual)	-0.41		-0.21	-0.03	-0.08	0.01	0.00	-0.03

Health care

Health care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	1.0	4.8	5.1	5.3	5.6	5.8	5.9	5.8
Pure ageing scenario	1.1	4.8	5.1	5.3	5.6	5.8	5.9	6.0
Labour intensity scenario	1.8	4.8	5.0	5.3	6.0	6.5	6.5	6.6
Constant health scenario	0.4	4.8	5.0	5.1	5.3	5.4	5.4	5.3
Fast cost growth scenario	1.5	4.8	5.4	5.6	6.0	6.2	6.4	6.4
Cost convergence scenario	:	:	:	:	:	:	:	:
Death-related cost scenario	0.9	4.8	5.0	5.1	5.5	5.7	5.7	5.8
Income elasticity scenario	1.3	4.8	5.1	5.3	5.7	6.0	6.2	6.2

Long-term care

Long-term care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	4.7	3.4	3.8	4.1	5.4	6.8	7.7	8.1
Pure demographic scenario	5.2	3.4	3.8	4.2	5.6	7.1	8.2	8.5
GDP per capita scenario	4.2	3.4	3.8	4.1	5.1	6.3	7.3	7.6
Constant disability scenario	4.2	3.4	3.7	4.0	5.2	6.5	7.3	7.6
GDP per worker fast growth scenario	6.1	3.4	4.1	4.6	6.1	7.9	9.0	9.4
Shift 1% of dependents from informal to home care scenario	5.4	3.4	3.9	4.3	5.7	7.3	8.4	8.8
Shift 1% of dependents from informal to institutional care scenario	6.2	3.4	4.1	4.7	6.3	8.0	9.2	9.6
Shift 1% of dependents from informal to home/institutional care scenario	5.8	3.4	4.0	4.5	6.0	7.7	8.8	9.2

Number of dependent people (in thousands)	% Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	136%	387	461	515	684	839	922	913
of which: receiving formal care	137%	*622*	*733*	*824*	*1089*	*1350*	*1483*	*1473*
relying on informal or no care	0%	*0*	*0*	*0*	*0*	*0*	*0*	*0*
Pure demographic scenario	155%	387	467	527	714	889	988	984
of which: receiving formal care	155%	*622*	*744*	*845*	*1137*	*1431*	*1588*	*1587*
relying on informal or no care	0%	*0*	*0*	*0*	*0*	*0*	*0*	*0*
Constant disability scenario	118%	387	454	502	654	789	856	842
of which: receiving formal care	118%	*622*	*722*	*804*	*1040*	*1269*	*1377*	*1358*
relying on informal or no care	0%	*0*	*0*	*0*	*0*	*0*	*0*	*0*
Shift 1% of dependents from informal to home scenario	155%	387	467	527	714	889	988	984
of which: receiving formal care	171%	*622*	*781*	*897*	*1209*	*1520*	*1687*	*1685*
relying on informal or no care	0%	*0*	*0*	*0*	*0*	*0*	*0*	*0*

Education

Education spending as % of GDP - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	-0.19	4.6	4.5	4.4	4.4	4.5	4.5	4.4
Expenditure decomposition (broadly constant) : Transfers (12%) - Staff (65%) - Other (23%)								
Primary	-0.10	1.3	1.2	1.2	1.2	1.3	1.2	1.2
Expenditure decomposition (broadly constant) : Transfers (0%) - Staff (72%) - Other (28%)								
Low secondary	-0.10	1.1	1.1	1.0	1.0	1.1	1.1	1.0
Expenditure decomposition (broadly constant) : Transfers (3%) - Staff (74%) - Other (22%)								
Upper secondary	-0.03	0.9	0.9	0.9	0.8	0.9	0.9	0.9
Expenditure decomposition (broadly constant) : Transfers (19%) - Staff (60%) - Other (21%)								
Tertiary education	0.03	1.3	1.3	1.3	1.3	1.3	1.3	1.3
Expenditure decomposition (broadly constant) : Transfers (28%) - Staff (51%) - Other (21%)								
Number of students (in thousands)								
Total	-479	3234	3168	3049	2922	2971	2881	2754
as % of population 5-24	-1%	82%	81%	81%	81%	82%	81%	81%
Primary	-216	1281	1209	1131	1155	1172	1092	1066
Low secondary	-140	782	784	727	677	709	689	643
Upper secondary	-82	632	627	638	570	584	586	549
Tertiary education	-42	539	548	552	519	506	515	497
Number of teachers (in thousands)								
Total	-31	221	215	210	201	203	198	190
Primary	-18	105	99	93	94	96	89	87
Low secondary	0	0	0	0	0	0	0	0
Upper secondary	-11	82	82	83	74	76	76	72
Tertiary education	-3	33	34	34	32	31	32	31

Education spending as % of GDP - Higher compensation per teacher (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.06	0.0	0.0	0.1	0.1	0.1	0.1	0.1

Education spending as % of GDP - Higher ratio teachers/students (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.52	0.0	0.3	0.5	0.5	0.5	0.5	0.5

Education spending as % of GDP - Higher attainment rates in tertiary education (45% by 2020) (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.06	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Unemployment benefit

Unemployment benefit - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Unemployment benefit spending as % of GDP	-0.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0

LEGENDA:

*** The potential GDP and its components is used to estimate the rate of potential output growth, net of normal cyclical variations**

(1) Share of older population = Population aged 55 to 64 as % of population aged 15-64

(2) Old-age dependency ratio = Population aged 65 and over as a percentage of the population aged 15-64

(3) Total dependency ratio = Population under 15 and over 64 as a percentage of the population aged 15-64

(4) Total economic dependency ratio = Total population less employed as % of employed population 15-64

(5) Economic old-age dependency ratio (15-64) = Inactive population aged 65+ as % of employed population 15-64

NB: : = data not provided

Source : Commission Services (DG ECFIN), Eurostat (EUROPOP2008), EPC (AWG).

Austria EC-EPC (AWG) 2009 projections

Main demographic and macroeconomic assumptions

Demographic projections - EUROPOP2008 (EUROSTAT)	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Fertility rate	0.2	1.41	1.43	1.45	1.48	1.51	1.54	1.57
Life expectancy at birth								
males	7.5	77.4	78.6	79.4	80.9	82.3	83.6	84.9
females	6.3	82.9	83.9	84.6	85.8	87.0	88.1	89.2
Life expectancy at 65								
males	5.0	17.1	17.8	18.3	19.3	20.2	21.2	22.0
females	4.9	20.3	21.0	21.5	22.5	23.4	24.3	25.2
Net migration (thousand)	-10.7	33.1	31.4	30.5	31.2	26.0	24.7	22.3
Net migration as % of population	-0.1	0.4	0.4	0.3	0.3	0.3	0.3	0.2
Population (million)	0.7	8.3	8.6	8.7	9.0	9.1	9.1	9.0
Children population (0-14) as % of total population	-1.5	15.3	14.4	14.3	14.1	13.6	13.5	13.8
Prime age population (25-54) as % of total population	-8.9	44.1	43.0	41.2	37.8	36.7	35.5	35.2
Working age population (15-64) as % of total population	-10.3	67.5	67.2	66.3	62.2	59.2	58.3	57.2
Elderly population (65 and over) as % of total population	11.8	17.2	18.4	19.4	23.7	27.2	28.2	29.0
Very elderly population (80 and over) as % of total population	6.7	4.6	4.9	5.2	6.7	8.4	11.5	11.4
Very elderly population (80 and over) as % of elderly population	12.3	26.9	26.4	26.8	28.2	30.8	40.7	39.2
Very elderly population (80 and over) as % of working age population	13.0	6.8	7.2	7.8	10.8	14.2	19.6	19.8
Macroeconomic assumptions*	AVG 07-60	2007	2015	2020	2030	2040	2050	2060
Potential GDP (growth rate)	1.7	2.2	1.9	1.9	1.5	1.5	1.5	1.5
Employment (growth rate)	0.0	0.7	0.2	0.2	-0.2	-0.2	-0.2	-0.2
Labour input : hours worked (growth rate)	0.0	0.6	0.2	0.2	-0.2	-0.2	-0.2	-0.2
Labour productivity per hour (growth rate)	1.7	1.6	1.7	1.7	1.7	1.7	1.7	1.7
TFP (growth rate)	1.1	1.0	1.1	1.1	1.1	1.1	1.1	1.1
Capital deepening (contribution to labour productivity growth)	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
GDP per capita (growth rate)	1.5	1.8	1.6	1.6	1.2	1.5	1.5	1.6
GDP per worker (growth rate)	1.7	1.5	1.7	1.7	1.7	1.7	1.7	1.7
GDP in 2007 prices (in millions euros)		272.7	322.7	354.9	415.5	485.6	563.4	650.9
Labour force assumptions	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Working age population (15-64) (in thousands)	-429	5601	5756	5786	5591	5396	5322	5172
Population growth (working age:15-64)	-0.5	0.2	0.1	0.1	-0.6	-0.1	-0.2	-0.3
Labour force 15-64 (thousands)	-178	4192	4364	4393	4271	4205	4125	4014
Participation rate (15-64)	2.8	74.8	75.8	75.9	76.4	77.9	77.5	77.6
young (15-24)	1.7	61.5	64.1	63.7	63.2	63.3	63.5	63.3
prime-age (25-54)	1.9	87.4	87.7	88.2	89.0	89.2	89.2	89.3
older (55-64)	15.4	40.0	45.7	49.6	52.1	56.1	56.0	55.4
Participation rate (15-64) - FEMALES	5.1	68.0	70.6	71.0	71.5	73.4	73.0	73.1
young (15-24)	2.0	57.2	60.1	59.7	59.3	59.3	59.4	59.2
prime-age (25-54)	3.9	81.1	82.8	83.6	84.4	85.0	84.9	84.9
older (55-64)	21.0	29.3	39.1	43.9	46.4	50.8	50.9	50.3
Participation rate (15-64) - MALES	0.3	81.7	81.0	80.8	81.2	82.3	81.9	82.0
young (15-24)	1.4	65.7	68.0	67.6	67.1	67.2	67.3	67.1
prime-age (25-54)	-0.2	93.7	92.5	92.8	93.5	93.4	93.4	93.5
older (55-64)	9.2	51.3	52.6	55.6	57.9	61.4	61.1	60.5
Employment rate (15-64)	2.8	71.5	72.6	72.7	73.1	74.6	74.2	74.3
Employment rate (20-64)	2.9	74.4	75.2	75.3	75.9	77.6	77.1	77.3
Employment rate (15-71)	1.6	65.6	66.6	66.7	65.6	67.4	67.6	67.2
Unemployment rate (15-64)	-0.2	4.5	4.3	4.3	4.3	4.3	4.3	4.3
Employment (15-64) (in millions)	-0.2	4.0	4.2	4.2	4.1	4.0	3.9	3.8
share of young (15-24)	-1%	14%	14%	13%	13%	14%	14%	14%
share of prime-age (25-54)	-6%	77%	75%	73%	71%	71%	70%	71%
share of older (55-64)	6%	9%	11%	14%	16%	15%	16%	15%
Dependency ratios:	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Share of older population (55-64) (1)	4.3	16.6	18.4	21.5	22.6	20.4	21.8	20.9
Old-age dependency ratio (2)	25	25	27	29	38	46	48	51
Total dependency ratio (3)	27	48	49	51	61	69	72	75
Total economic dependency ratio (4)	25	105	104	106	116	122	127	130
Economic old-age dependency ratio (15-64) (5)	29	34	36	38	48	57	61	63

Pension expenditure projections

Baseline scenario as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.9	12.8	12.8	13.0	13.8	13.9	14.0	13.6
Old-age and early pensions, gross	1.4	9.5	9.7	10.1	10.9	11.1	11.1	11.0
Of which : earnings-related pensions, gross	1.4	9.5	9.7	10.1	10.9	11.1	11.1	11.0
Other pensions (disability, survivors), gross	-0.6	3.2	3.0	2.9	2.8	2.8	2.9	2.7
Occupational pensions, gross	:	:	:	:	:	:	:	:
Private mandatory pensions, gross	:	:	:	:	:	:	:	:
Social security pensions, net	1.5	10.8	10.8	11.0	11.9	12.3	12.5	12.3
Social security pensions, contributions	0.1	9.0	9.0	9.0	9.0	9.1	9.1	9.1
Social security pensions, assets	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Additional indicators	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, net/social sec. Pensions, gross, %	5.6	84.4	84.3	84.9	86.3	88.2	89.4	90.0
Number of pensions (social security, in 1000)	1256	2423	2654	2799	3071	3275	3494	3680
Pensioners aged 65+ (1000 pers)	:	:	:	:	:	:	:	:
Share of pensioners below age 65 as % of all pensioners	:	:	:	:	:	:	:	:
Average gross pension (social security - € 1000 in 2007 prices)	9.7	14.4	15.5	16.5	18.6	20.7	22.6	24.1
Benefit ratio (Social security pensions)	-16.4	54.9	53.0	51.8	49.4	46.3	42.7	38.5
Gross replacement rate at retirement (social security pensions)	-10.8	49.2	52.1	48.7	45.9	45.4	43.6	38.5
Contributors (social security pensions, in 1000 persons)	387	3705	4298	4352	4311	4269	4186	4092
Support ratio (contributors/100 pensions, social security pensions)	-41.7	153	162	155	140	130	120	111
High life expectancy as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.4	0.0	0.2	0.3	0.4	0.6	0.5	0.4
Old-age and early pensions, gross	0.4	0.0	0.2	0.2	0.4	0.5	0.5	0.4
High labour productivity as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-1.1	0.0	0.0	-0.2	-0.5	-0.8	-1.0	-1.1
Old-age and early pensions, gross	-0.9	0.0	0.0	-0.1	-0.4	-0.6	-0.8	-0.9
Zero migration as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	5.3	0.0	0.4	0.8	1.8	3.0	4.3	5.3
Old-age and early pensions, gross	4.9	0.0	0.3	0.6	1.5	2.7	3.8	4.9
High employment rate (1 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.3	0.0	-0.1	-0.3	-0.4	-0.4	-0.4	-0.3
Old-age and early pensions, gross	-0.3	0.0	-0.1	-0.1	-0.2	-0.2	-0.3	-0.3
High older workers empl. Rate (5 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.5	0.0	-0.1	-0.3	-0.3	-0.4	-0.5	-0.5
Old-age and early pensions, gross	-0.3	0.0	-0.1	-0.2	-0.2	-0.3	-0.3	-0.3
Decomposition of the increase (in p.p.) in pension expenditure (social security) - selected years	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Social security pensions, gross as % of GDP	0.9	12.7	12.8	13.0	13.8	13.9	14.0	13.6
Social security pensions, gross as % of GDP - p.p. ch. from 2007 due to :		-0.1	0.0	0.3	1.0	1.2	1.2	0.9
Dependency ratio	9.7	0.2	1.2	2.0	5.8	8.6	9.3	9.9
Coverage ratio	-2.5	-0.1	-0.3	-0.5	-2.3	-3.5	-3.1	-2.6
Employment effect	-0.5	0.0	-0.2	-0.2	-0.3	-0.6	-0.5	-0.5
Benefit ratio	-4.8	-0.1	-0.6	-0.9	-1.6	-2.4	-3.6	-5.0
Interaction effect (residual)	-1.0	0.0	-0.1	-0.1	-0.6	-0.9	-0.9	-1.0
over selected time periods	2007-2060		2007-2015	2015-2020	2025-2030	2035-2040	2045-2050	2055-2060
Social security pensions, gross as % of GDP	0.9		0.02	0.24	0.41	0.02	-0.01	-0.27
Dependency ratio	9.9		1.20	0.84	2.20	0.84	0.46	0.37
Coverage ratio	-2.6		-0.33	-0.20	-1.09	-0.25	0.16	0.20
Employment effect	-0.5		-0.19	-0.02	-0.12	-0.08	0.01	-0.04
Benefit ratio	-5.0		-0.61	-0.32	-0.33	-0.48	-0.58	-0.74
Interaction effect (residual)	-0.99		-0.05	-0.07	-0.26	-0.02	-0.06	-0.05

Health care

Health care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	1.5	6.5	6.8	7.0	7.4	7.8	8.1	8.0
Pure ageing scenario	1.7	6.5	6.8	7.0	7.5	7.9	8.2	8.2
Labour intensity scenario	2.6	6.5	6.7	7.0	7.8	8.5	8.9	9.1
Constant health scenario	0.7	6.5	6.7	6.8	7.0	7.2	7.4	7.2
Fast cost growth scenario	2.3	6.5	7.3	7.5	8.0	8.5	8.8	8.8
Cost convergence scenario	:	:	:	:	:	:	:	:
Death-related cost scenario	1.4	6.5	6.7	6.9	7.3	7.7	7.9	7.8
Income elasticity scenario	2.1	6.5	6.9	7.2	7.7	8.2	8.5	8.5

Long-term care

Long-term care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	1.2	1.3	1.3	1.4	1.7	2.0	2.4	2.5
Pure demographic scenario	1.3	1.3	1.3	1.4	1.7	2.1	2.5	2.6
GDP per capita scenario	1.1	1.3	1.3	1.4	1.6	1.9	2.3	2.3
Constant disability scenario	1.1	1.3	1.3	1.4	1.6	1.9	2.2	2.3
GDP per worker fast growth scenario	1.6	1.3	1.5	1.6	1.9	2.3	2.7	2.9
Shift 1% of dependents from informal to home care scenario	1.5	1.3	1.4	1.5	1.8	2.2	2.6	2.8
Shift 1% of dependents from informal to institutional care scenario	1.4	1.3	1.4	1.5	1.8	2.2	2.6	2.7
Shift 1% of dependents from informal to home/institutional care scenario	1.5	1.3	1.4	1.5	1.8	2.2	2.6	2.7

Number of dependent people (in thousands)	% Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	111%	268	299	320	398	483	560	567
of which: receiving formal care	146%	*186*	*212*	*228*	*287*	*356*	*435*	*456*
relying on informal or no care	34%	*83*	*87*	*91*	*111*	*127*	*125*	*111*
Pure demographic scenario	126%	268	303	327	413	510	596	607
of which: receiving formal care	160%	*186*	*214*	*233*	*296*	*373*	*458*	*482*
relying on informal or no care	51%	*83*	*88*	*94*	*117*	*137*	*137*	*125*
Constant disability scenario	96%	268	295	312	384	457	524	527
of which: receiving formal care	132%	*186*	*209*	*224*	*278*	*339*	*411*	*430*
relying on informal or no care	18%	*83*	*86*	*89*	*106*	*118*	*113*	*97*
Shift 1% of dependents from informal to home scenario	126%	268	303	327	413	510	596	607
of which: receiving formal care	193%	*186*	*238*	*266*	*338*	*424*	*518*	*543*
relying on informal or no care	-22%	*83*	*64*	*61*	*75*	*86*	*78*	*64*

Education

Education spending as % of GDP - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	-0.46	4.8	4.3	4.1	4.2	4.2	4.2	4.3
Expenditure decomposition (broadly constant) : Transfers (6%) - Staff (64%) - Other (29%)								
Primary	0.00	0.9	0.9	0.9	0.9	0.9	0.9	1.0
Expenditure decomposition (broadly constant) : Transfers (1%) - Staff (69%) - Other (30%)								
Low secondary	-0.10	1.2	1.0	1.0	1.1	1.1	1.1	1.1
Expenditure decomposition (broadly constant) : Transfers (1%) - Staff (75%) - Other (24%)								
Upper secondary	-0.12	1.2	1.1	1.0	1.0	1.1	1.0	1.1
Expenditure decomposition (broadly constant) : Transfers (1%) - Staff (75%) - Other (24%)								
Tertiary education	-0.23	1.4	1.3	1.2	1.2	1.2	1.2	1.2
Expenditure decomposition (broadly constant) : Transfers (19%) - Staff (44%) - Other (37%)								
Number of students (in thousands)								
Total	-148	1427	1317	1295	1308	1303	1277	1279
as % of population 5-24	-1%	74%	71%	72%	73%	73%	73%	73%
Primary	-8	346	334	337	346	336	334	338
Low secondary	-42	389	346	345	356	353	344	347
Upper secondary	-57	458	423	407	410	416	403	401
Tertiary education	-42	234	214	205	196	198	196	192
Number of teachers (in thousands)								
Total	-12	111	102	100	101	101	99	99
Primary	-1	25	24	24	25	24	24	24
Low secondary	-4	38	33	33	34	34	33	33
Upper secondary	-4	30	28	27	27	27	26	26
Tertiary education	-3	18	17	16	15	15	15	15

Education spending as % of GDP - Higher compensation per teacher (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.05	0.0	0.0	0.0	0.0	0.1	0.1	0.0

Education spending as % of GDP - Higher ratio teachers/students (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.53	0.2	0.4	0.6	0.7	0.7	0.7	0.7

Education spending as % of GDP - Higher attainment rates in tertiary education (45% by 2020) (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.50	0.4	0.9	0.9	0.9	0.9	0.9	0.9

Unemployment benefit

Unemployment benefit - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Unemployment benefit spending as % of GDP	0.0	0.7	0.6	0.6	0.6	0.6	0.6	0.6

LEGENDA:

*** The potential GDP and its components is used to estimate the rate of potential output growth, net of normal cyclical variations**

(1) Share of older population = Population aged 55 to 64 as % of population aged 15-64

(2) Old-age dependency ratio = Population aged 65 and over as a percentage of the population aged 15-64

(3) Total dependency ratio = Population under 15 and over 64 as a percentage of the population aged 15-64

(4) Total economic dependency ratio = Total population less employed as % of employed population 15-64

(5) Economic old-age dependency ratio (15-64) = Inactive population aged 65+ as % of employed population 15-64

NB: : = data not provided

Source : Commission Services (DG ECFIN), Eurostat (EUROPOP2008), EPC (AWG).

Poland EC-EPC (AWG) 2009 projections

Main demographic and macroeconomic assumptions

Demographic projections - EUROPOP2008 (EUROSTAT)	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Fertility rate	0.2	1.27	1.30	1.32	1.36	1.40	1.44	1.49
Life expectancy at birth								
males	11.1	71.4	73.1	74.3	76.6	78.8	80.7	82.5
females	8.1	79.9	81.2	82.1	83.7	85.3	86.7	88.0
Life expectancy at 65								
males	6.5	14.5	15.4	16.0	17.3	18.6	19.8	20.9
females	5.9	18.6	19.4	20.0	21.2	22.3	23.4	24.4
Net migration (thousand)	23.7	-15.5	8.5	14.0	-1.3	17.1	26.4	8.2
Net migration as % of population	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Population (million)	-7.0	38.1	38.1	38.0	37.0	35.2	33.3	31.1
Children population (0-14) as % of total population	-4.1	15.5	14.6	14.8	13.1	11.4	11.6	11.4
Prime age population (25-54) as % of total population	-11.5	43.9	43.5	43.5	41.4	36.6	33.2	32.4
Working age population (15-64) as % of total population	-18.6	71.1	70.0	67.0	63.9	62.7	56.8	52.5
Elderly population (65 and over) as % of total population	22.7	13.5	15.3	18.2	23.0	25.9	31.6	36.2
Very elderly population (80 and over) as % of total population	10.1	3.0	4.0	4.4	5.7	9.4	10.1	13.1
Very elderly population (80 and over) as % of elderly population	13.9	22.2	25.9	23.9	24.7	36.4	31.8	36.1
Very elderly population (80 and over) as % of working age population	20.7	4.2	5.7	6.5	8.9	15.0	17.7	24.9
Macroeconomic assumptions*	AVG 07-60	2007	2015	2020	2030	2040	2050	2060
Potential GDP (growth rate)	1.7	5.9	3.1	2.5	2.0	0.5	0.3	0.5
Employment (growth rate)	-0.6	2.8	-0.3	-0.6	-0.6	-1.1	-1.5	-1.2
Labour input : hours worked (growth rate)	-0.7	2.8	-0.3	-0.6	-0.7	-1.2	-1.4	-1.2
Labour productivity per hour (growth rate)	2.4	3.0	3.4	3.1	2.7	1.7	1.7	1.7
TFP (growth rate)	1.4	1.7	1.6	1.7	1.7	1.1	1.1	1.1
Capital deepening (contribution to labour productivity growth)	1.0	1.3	1.8	1.4	0.9	0.6	0.6	0.6
GDP per capita (growth rate)	2.1	6.7	3.1	2.6	2.4	1.1	0.9	1.3
GDP per worker (growth rate)	2.4	3.0	3.4	3.1	2.7	1.7	1.7	1.7
GDP in 2007 prices (in millions euros)		307.3	427.0	488.0	613.9	678.7	702.6	727.6
Labour force assumptions	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Working age population (15-64) (in thousands)	-10652	26987	26660	25436	23624	22087	18900	16335
Population growth (working age:15-64)	-1.5	0.4	-0.7	-1.0	-0.5	-1.1	-1.9	-1.1
Labour force 15-64 (thousands)	-6256	17085	17355	16823	15961	14434	12384	10828
Participation rate (15-64)	3.0	63.3	65.1	66.1	67.6	65.4	65.5	66.3
young (15-24)	-1.0	33.9	36.0	34.9	32.5	34.6	34.2	32.9
prime-age (25-54)	0.3	81.8	83.0	83.0	82.0	81.4	82.2	82.1
older (55-64)	14.4	32.1	35.5	34.9	48.1	47.9	46.2	46.5
Participation rate (15-64) - FEMALES	4.3	56.6	58.8	60.4	62.3	59.6	59.6	60.9
young (15-24)	-0.7	30.0	32.1	31.1	28.9	30.8	30.4	29.3
prime-age (25-54)	2.8	75.6	77.8	78.4	78.4	77.6	78.3	78.4
older (55-64)	14.7	20.8	25.6	25.4	36.4	37.1	35.2	35.4
Participation rate (15-64) - MALES	1.4	70.1	71.5	72.0	72.8	71.1	71.4	71.6
young (15-24)	-1.3	37.8	39.8	38.5	35.9	38.2	37.8	36.4
prime-age (25-54)	-2.4	88.0	88.1	87.6	85.6	85.1	86.0	85.6
older (55-64)	12.6	45.1	46.8	45.5	60.7	59.2	57.6	57.7
Employment rate (15-64)	5.3	57.1	61.3	62.2	63.6	61.5	61.7	62.4
Employment rate (20-64)	4.3	63.0	65.8	66.4	68.6	65.8	65.8	67.2
Employment rate (15-71)	1.1	53.6	56.9	56.1	57.5	56.1	53.9	54.7
Unemployment rate (15-64)	-3.9	9.8	5.9	5.9	5.9	5.9	5.9	5.9
Employment (15-64) (in millions)	-5.2	15.4	16.3	15.8	15.0	13.6	11.7	10.2
share of young (15-24)	-3%	11%	9%	7%	7%	8%	7%	7%
share of prime-age (25-54)	-4%	81%	80%	82%	79%	73%	74%	77%
share of older (55-64)	8%	8%	11%	11%	14%	19%	19%	16%
Dependency ratios:	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Share of older population (55-64) (1)	5.8	16.4	20.7	20.0	19.1	26.0	26.8	22.2
Old-age dependency ratio (2)	50	19	22	27	36	41	56	69
Total dependency ratio (3)	50	41	43	49	57	59	76	91
Total economic dependency ratio (4)	60	141	132	138	144	156	180	201
Economic old-age dependency ratio (15-64) (5)	74	31	34	42	54	64	85	106

Pension expenditure projections

Baseline scenario as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-2.8	11.6	9.6	9.7	9.4	9.2	9.1	8.8
Old-age and early pensions, gross	-2.0	9.8	8.4	8.7	8.4	8.1	8.1	7.9
Of which : earnings-related pensions, gross	:	:	:	:	:	:	:	:
Other pensions (disability, survivors), gross	-0.8	1.7	1.2	1.0	1.0	1.1	1.0	0.9
Occupational pensions, gross	:	:	:	:	:	:	:	:
Private mandatory pensions, gross	1.9	0.0	0.0	0.1	0.2	0.7	1.4	1.9
Social security pensions, net	-2.3	9.6	8.0	8.2	7.9	7.7	7.6	7.3
Social security pensions, contributions	-1.8	6.9	5.6	5.4	5.1	5.1	5.0	5.1
Social security pensions, assets	0.5	0.3	0.4	0.4	0.4	0.5	0.6	0.8

Additional indicators	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, net/social sec. Pensions, gross, %	0.2	83.0	83.9	84.0	83.9	83.6	83.4	83.2
Pensioners (social security, in 1000 persons)	1307	9968	9069	9415	9941	10599	11325	11275
Pensioners aged 65+ (1000 pers)	4252.1	5104	5643	6359	7222	7634	8813	9356
Share of pensioners below age 65 as % of all pensioners	-32%	49%	38%	32%	27%	28%	22%	17%
Average gross pension (social security - € 1000 in 2007 prices)	2.1	3.6	4.5	5.0	5.8	5.9	5.6	5.7
Benefit ratio (Social security pensions)	-30.4	56.2	54.1	51.7	45.1	37.9	30.6	25.8
Gross replacement rate at retirement (social security pensions)	:	:	:	:	:	:	:	:
Contributors (social security pensions, in 1000 persons)	-4814	15333	16825	16373	15196	13828	11939	10518
Support ratio (contributors/100 pensioners, social security pensions)	-60.5	154	186	174	153	130	105	93
High life expectancy as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Old-age and early pensions, gross	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1
High labour productivity as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.4	0.0	0.0	-0.1	-0.2	-0.3	-0.4	-0.4
Old-age and early pensions, gross	-0.4	0.0	0.0	-0.1	-0.2	-0.3	-0.3	-0.4
Zero migration as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.2	0.0	0.0	0.0	0.0	0.1	0.2	0.2
Old-age and early pensions, gross	0.2	0.0	0.0	0.0	0.0	0.1	0.1	0.2
High employment rate (1 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Old-age and early pensions, gross	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
High older workers empl. Rate (5 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Old-age and early pensions, gross	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Decomposition of the increase (in p.p.) in pension expenditure (social security) - selected years	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Social security pensions, gross as % of GDP	-3.1	11.8	9.6	9.7	9.4	9.2	9.1	8.8
Social security pensions, gross as % of GDP - p.p. ch. from 2007 due to :		0.2	-2.0	-1.8	-2.2	-2.4	-2.5	-2.8
Dependency ratio	13.4	0.0	1.8	4.1	7.0	8.4	11.3	13.4
Coverage ratio	-5.9	-0.4	-2.3	-3.5	-4.9	-5.0	-5.7	-6.3
Employment effect	-0.8	-0.2	-0.8	-0.9	-1.1	-0.8	-0.9	-1.0
Benefit ratio	-7.9	0.9	-0.4	-0.8	-2.2	-3.8	-5.6	-7.1
Interaction effect (residual)	-1.8	0.0	-0.2	-0.6	-1.0	-1.2	-1.7	-1.8
over selected time periods	2007-2060		2007-2015	2015-2020	2025-2030	2035-2040	2045-2050	2055-2060
Social security pensions, gross as % of GDP	-2.8		-2.00	0.16	-0.27	-0.07	-0.05	-0.23
Dependency ratio	13.4		1.78	2.32	0.92	0.83	1.65	0.78
Coverage ratio	-6.3		-2.34	-1.19	-0.38	-0.06	-0.45	-0.27
Employment effect	-1.0		-0.79	-0.15	0.00	0.13	-0.06	-0.04
Benefit ratio	-7.1		-0.42	-0.43	-0.75	-0.85	-0.91	-0.67
Interaction effect (residual)	-1.83		-0.24	-0.39	-0.06	-0.12	-0.27	-0.03

Health care

Health care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	1.0	4.0	4.3	4.4	4.6	4.8	4.9	5.0
Pure ageing scenario	1.3	4.0	4.2	4.4	4.7	5.0	5.2	5.4
Labour intensity scenario	2.4	4.0	4.0	4.2	4.6	5.1	5.8	6.4
Constant health scenario	-0.6	4.0	4.0	4.0	3.9	3.8	3.6	3.5
Fast cost growth scenario	1.7	4.0	4.5	4.7	5.0	5.3	5.6	5.7
Cost convergence scenario	4.9	4.0	4.5	4.8	5.6	6.5	7.6	8.9
Death-related cost scenario	1.2	4.0	4.1	4.3	4.6	4.8	5.1	5.2
Income elasticity scenario	1.7	4.0	4.4	4.5	5.0	5.3	5.6	5.7

Long-term care

Long-term care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	0.7	0.4	0.4	0.5	0.6	0.7	0.9	1.1
Pure demographic scenario	0.7	0.4	0.4	0.5	0.6	0.7	0.9	1.1
GDP per capita scenario	0.5	0.4	0.4	0.5	0.6	0.7	0.8	0.9
Constant disability scenario	0.7	0.4	0.4	0.5	0.6	0.7	0.9	1.1
GDP per worker fast growth scenario	0.8	0.4	0.5	0.5	0.7	0.8	1.0	1.2
Shift 1% of dependents from informal to home care scenario	1.0	0.4	0.5	0.6	0.7	0.9	1.1	1.4
Shift 1% of dependents from informal to institutional care scenario	0.8	0.4	0.4	0.5	0.6	0.8	0.9	1.2
Shift 1% of dependents from informal to home/institutional care scenario	0.9	0.4	0.5	0.5	0.7	0.8	1.0	1.3

Number of dependent people (in thousands)	% Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	131%	1485	1721	1982	2480	2806	3148	3433
of which: receiving formal care	167%	*251*	*298*	*338*	*440*	*535*	*600*	*669*
relying on informal or no care	124%	*1235*	*1423*	*1644*	*2040*	*2272*	*2548*	*2764*
Pure demographic scenario	141%	1485	1731	1997	2528	2874	3243	3582
of which: receiving formal care	179%	*251*	*300*	*341*	*449*	*548*	*618*	*698*
relying on informal or no care	134%	*1235*	*1431*	*1656*	*2078*	*2326*	*2625*	*2884*
Constant disability scenario	121%	1485	1712	1967	2433	2738	3053	3285
of which: receiving formal care	156%	*251*	*296*	*335*	*432*	*521*	*581*	*641*
relying on informal or no care	114%	*1235*	*1416*	*1632*	*2001*	*2217*	*2472*	*2644*
Shift 1% of dependents from informal to home scenario	141%	1485	1731	1997	2528	2874	3243	3582
of which: receiving formal care	322%	*251*	*438*	*540*	*702*	*835*	*942*	*1056*
relying on informal or no care	105%	*1235*	*1293*	*1457*	*1826*	*2039*	*2301*	*2526*

Education

Education spending as % of GDP - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	-1.21	4.4	3.3	3.2	3.2	2.9	2.9	3.2
Expenditure decomposition (broadly constant) : Transfers (2%) - Staff (62%) - Other (36%)								
Primary	-0.20	1.4	1.2	1.3	1.2	1.0	1.1	1.2
Expenditure decomposition (broadly constant) : Transfers (2%) - Staff (67%) - Other (31%)								
Low secondary	-0.21	0.8	0.5	0.5	0.6	0.5	0.5	0.6
Expenditure decomposition (broadly constant) : Transfers (2%) - Staff (67%) - Other (31%)								
Upper secondary	-0.33	1.0	0.7	0.6	0.7	0.6	0.6	0.7
Expenditure decomposition (broadly constant) : Transfers (1%) - Staff (64%) - Other (34%)								
Tertiary education	-0.47	1.2	0.9	0.8	0.7	0.7	0.7	0.7
Expenditure decomposition (broadly constant) : Transfers (2%) - Staff (52%) - Other (47%)								
Number of students (in thousands)								
Total	-4209	8311	6579	6169	5868	4956	4325	4102
as % of population 5-24	0%	81%	80%	81%	81%	80%	81%	81%
Primary	-1032	2498	2159	2280	2057	1616	1550	1466
Low secondary	-765	1548	1134	1100	1142	909	790	784
Upper secondary	-1238	2273	1695	1457	1508	1313	1066	1034
Tertiary education	-1174	1992	1592	1331	1160	1117	918	818
Number of teachers (in thousands)								
Total	-297	601	478	456	434	362	319	304
Primary	-91	219	189	200	181	142	136	129
Low secondary	-61	123	90	87	91	72	63	62
Upper secondary	-85	155	116	100	103	90	73	71
Tertiary education	-61	104	83	69	60	58	48	43

Education spending as % of GDP - Higher compensation per teacher (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.20	-0.1	0.0	0.1	0.1	0.1	0.1	0.1

Education spending as % of GDP - Higher ratio teachers/students (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.36	0.1	0.3	0.4	0.4	0.4	0.4	0.4

Education spending as % of GDP - Higher attainment rates in tertiary education (45% by 2020) (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.06	0.3	0.4	0.4	0.3	0.4	0.3	0.3

Unemployment benefit

Unemployment benefit - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Unemployment benefit spending as % of GDP	-0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

LEGENDA:

*** The potential GDP and its components is used to estimate the rate of potential output growth, net of normal cyclical variations**

(1) Share of older population = Population aged 55 to 64 as % of population aged 15-64

(2) Old-age dependency ratio = Population aged 65 and over as a percentage of the population aged 15-64

(3) Total dependency ratio = Population under 15 and over 64 as a percentage of the population aged 15-64

(4) Total economic dependency ratio = Total population less employed as % of employed population 15-64

(5) Economic old-age dependency ratio (15-64) = Inactive population aged 65+ as % of employed population 15-64

NB: : = data not provided

Source : Commission Services (DG ECFIN), Eurostat (EUROPOP2008), EPC (AWG).

Portugal EC-EPC (AWG) 2009 projections

Main demographic and macroeconomic assumptions

Demographic projections - EUROPOP2008 (EUROSTAT)	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Fertility rate	0.2	1.36	1.39	1.40	1.44	1.47	1.51	1.54
Life expectancy at birth								
males	8.3	75.8	77.1	78.0	79.7	81.2	82.7	84.1
females	6.4	82.4	83.4	84.1	85.4	86.6	87.7	88.8
Life expectancy at 65								
males	5.2	16.3	17.1	17.6	18.7	19.7	20.7	21.6
females	4.9	19.9	20.6	21.1	22.1	23.0	23.9	24.8
Net migration (thousand)	-17.3	51.8	49.2	47.6	46.1	45.3	38.8	34.5
Net migration as % of population	-0.2	0.5	0.4	0.4	0.4	0.4	0.3	0.3
Population (million)	0.6	10.6	10.9	11.1	11.3	11.5	11.4	11.3
Children population (0-14) as % of total population	-2.5	15.3	15.1	14.5	13.3	13.0	13.0	12.8
Prime age population (25-54) as % of total population	-9.5	43.9	43.1	41.7	39.1	36.2	35.2	34.4
Working age population (15-64) as % of total population	-10.9	67.2	66.1	65.5	63.5	60.2	56.9	56.3
Elderly population (65 and over) as % of total population	13.4	17.4	18.9	20.1	23.3	26.8	30.1	30.9
Very elderly population (80 and over) as % of total population	8.6	4.2	5.2	5.8	6.8	8.4	10.5	12.8
Very elderly population (80 and over) as % of elderly population	17.3	24.1	27.8	28.9	29.1	31.5	34.7	41.4
Very elderly population (80 and over) as % of working age population	16.4	6.3	7.9	8.9	10.7	14.0	18.4	22.7
Macroeconomic assumptions*	AVG 07-60	2007	2015	2020	2030	2040	2050	2060
Potential GDP (growth rate)	1.8	1.3	2.1	2.1	2.5	1.8	1.2	1.4
Employment (growth rate)	-0.1	0.3	0.6	0.3	-0.1	-0.4	-0.5	-0.3
Labour input : hours worked (growth rate)	-0.1	0.2	0.6	0.3	-0.1	-0.4	-0.5	-0.3
Labour productivity per hour (growth rate)	1.9	1.1	1.5	1.8	2.7	2.2	1.7	1.7
TFP (growth rate)	1.2	0.5	1.0	1.2	1.7	1.4	1.1	1.1
Capital deepening (contribution to labour productivity growth)	0.7	0.6	0.5	0.6	0.9	0.8	0.6	0.6
GDP per capita (growth rate)	1.7	1.0	1.7	1.8	2.4	1.7	1.3	1.6
GDP per worker (growth rate)	1.9	1.0	1.4	1.7	2.7	2.2	1.7	1.7
GDP in 2007 prices (in millions euros)		162.8	189.1	209.3	258.3	319.7	370.8	423.0
Labour force assumptions	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Working age population (15-64) (in thousands)	-785	7133	7231	7273	7185	6890	6512	6347
Population growth (working age:15-64)	-0.4	0.2	0.2	0.1	-0.3	-0.6	-0.4	-0.2
Labour force 15-64 (thousands)	-439	5283	5503	5538	5488	5265	4986	4844
Participation rate (15-64)	2.2	74.1	76.1	76.1	76.4	76.4	76.6	76.3
young (15-24)	-0.8	42.3	41.7	40.8	41.7	42.1	41.4	41.6
prime-age (25-54)	1.2	87.8	88.9	89.1	89.0	89.1	89.1	89.0
older (55-64)	13.3	54.5	61.1	63.5	67.0	67.4	67.5	67.8
Participation rate (15-64) - FEMALES	4.6	68.9	72.1	72.8	73.4	73.6	73.8	73.5
young (15-24)	-0.8	39.0	38.4	37.6	38.4	38.7	38.1	38.2
prime-age (25-54)	3.5	82.9	85.3	86.0	86.3	86.4	86.5	86.4
older (55-64)	18.1	46.9	55.4	59.4	63.6	64.5	64.7	65.0
Participation rate (15-64) - MALES	-0.3	79.3	80.1	79.5	79.4	79.2	79.3	79.0
young (15-24)	-0.7	45.5	44.9	44.0	45.0	45.3	44.6	44.8
prime-age (25-54)	-1.3	92.9	92.4	92.2	91.6	91.6	91.7	91.6
older (55-64)	7.5	63.0	67.5	68.0	70.5	70.4	70.2	70.5
Employment rate (15-64)	3.8	67.8	70.8	71.4	71.6	71.7	71.8	71.6
Employment rate (20-64)	4.1	72.7	75.6	76.5	76.6	76.4	76.9	76.7
Employment rate (15-71)	3.5	63.8	66.7	67.2	67.4	67.2	67.1	67.3
Unemployment rate (15-64)	-2.3	8.5	6.9	6.2	6.2	6.2	6.2	6.2
Employment (15-64) (in millions)	-0.3	4.8	5.1	5.2	5.1	4.9	4.7	4.5
share of young (15-24)	-1%	9%	8%	8%	8%	8%	8%	9%
share of prime-age (25-54)	-6%	78%	77%	75%	72%	70%	72%	72%
share of older (55-64)	7%	13%	15%	17%	20%	21%	19%	20%
Dependency ratios:	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Share of older population (55-64) (1)	4.6	17.4	18.7	19.9	22.0	23.9	21.6	22.0
Old-age dependency ratio (2)	29	26	29	31	37	45	53	55
Total dependency ratio (3)	29	49	51	53	58	66	76	77
Total economic dependency ratio (4)	26	112	109	108	112	122	134	139
Economic old-age dependency ratio (15-64) (5)	34	33	35	37	43	53	63	67

Pension expenditure projections

Baseline scenario as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	2.1	11.4	12.1	12.4	12.6	12.5	13.3	13.4
Old-age and early pensions, gross	1.7	9.1	9.9	10.2	10.4	10.2	10.8	10.8
Of which : earnings-related pensions, gross	2.1	8.5	9.5	9.9	10.2	10.0	10.6	10.6
Other pensions (disability, survivors), gross	0.4	2.3	2.2	2.2	2.2	2.3	2.6	2.7
Occupational pensions, gross	-0.1	0.6	0.6	0.6	0.6	0.6	0.5	0.5
Private mandatory pensions, gross	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Social security pensions, net	1.9	10.5	11.2	11.5	11.7	11.6	12.3	12.4
Social security pensions, contributions	-1.3	9.9	10.1	9.7	9.0	8.7	8.6	8.5
Social security pensions, assets	-4.5	4.5	10.2	12.3	12.9	9.1	0.0	0.0

Additional indicators	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, net/social sec. Pensions, gross, %	0.0	92.6	92.6	92.6	92.6	92.6	92.6	92.6
Number of pensions (social security, in 1000)	2098	3196	3520	3755	4302	4783	5156	5293
Pensioners aged 65+ (1000 pers)	:	:	:	:	:	:	:	:
Share of pensioners below age 65 as % of all pensioners	:	:	:	:	:	:	:	:
Average gross pension (social security - € 1000 in 2007 prices)	4.9	5.8	6.5	6.9	7.6	8.4	9.6	10.7
Benefit ratio (Social security pensions)	-13.6	46.3	48.2	47.2	42.3	36.7	34.5	32.7
Gross replacement rate at retirement (social security pensions)	-2.0	57.9	55.3	53.1	49.0	52.7	53.8	55.9
Contributors (social security pensions, in 1000 persons)	-800	4296	4340	4315	4127	3879	3633	3496
Support ratio (contributors/100 pensions, social security pensions)	-68.4	134	123	115	96	81	70	66
High life expectancy as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.4	0.0	0.0	0.0	0.1	0.2	0.3	0.4
Old-age and early pensions, gross	0.3	0.0	0.0	0.0	0.1	0.2	0.2	0.3
High labour productivity as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.7	0.0	0.0	-0.1	-0.4	-0.5	-0.7	-0.7
Old-age and early pensions, gross	-0.6	0.0	0.0	-0.1	-0.3	-0.4	-0.6	-0.6
Zero migration as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	2.9	0.0	0.3	0.6	1.2	1.9	2.8	2.9
Old-age and early pensions, gross	2.3	0.0	0.3	0.5	1.0	1.6	2.4	2.3
High employment rate (1 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.2	0.0	-0.1	-0.1	-0.1	-0.2	-0.2	-0.2
Old-age and early pensions, gross	-0.1	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1
High older workers empl. Rate (5 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.2	0.0	0.0	-0.1	-0.1	-0.2	-0.2	-0.2
Old-age and early pensions, gross	-0.1	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1
Decomposition of the increase (in p.p.) in pension expenditure (social security) - selected years	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Social security pensions, gross as % of GDP	1.6	11.8	12.1	12.4	12.6	12.5	13.3	13.4
Social security pensions, gross as % of GDP - p.p. ch. from 2007 due to :		0.4	0.7	1.0	1.2	1.1	2.0	2.1
Dependency ratio	9.7	0.1	1.3	2.2	4.5	7.1	9.4	9.8
Coverage ratio	-1.6	0.0	-0.3	-0.4	-0.8	-1.4	-1.9	-1.7
Employment effect	-0.5	-0.1	-0.5	-0.6	-0.6	-0.6	-0.7	-0.6
Benefit ratio	-5.0	0.4	0.3	0.0	-1.4	-3.1	-3.8	-4.5
Interaction effect (residual)	-0.9	0.0	-0.1	-0.2	-0.5	-0.8	-1.0	-0.9
over selected time periods	2007-2060		2007-2015	2015-2020	2025-2030	2035-2040	2045-2050	2055-2060
Social security pensions, gross as % of GDP	2.1		0.73	0.27	0.03	0.19	0.48	0.29
Dependency ratio	9.8		1.29	0.89	1.30	1.36	0.90	0.13
Coverage ratio	-1.7		-0.28	-0.15	-0.19	-0.34	-0.15	0.13
Employment effect	-0.6		-0.49	-0.10	-0.02	0.01	-0.01	0.02
Benefit ratio	-4.5		0.30	-0.28	-0.87	-0.65	-0.26	-0.02
Interaction effect (residual)	-0.93		-0.10	-0.09	-0.19	-0.19	0.00	0.03

Health care

Health care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	1.9	7.2	7.5	7.6	8.0	8.5	8.9	9.1
Pure ageing scenario	2.2	7.2	7.5	7.7	8.1	8.6	9.1	9.4
Labour intensity scenario	3.1	7.2	7.4	7.5	8.0	8.9	9.8	10.3
Constant health scenario	0.9	7.2	7.3	7.3	7.5	7.8	8.0	8.1
Fast cost growth scenario	2.8	7.2	8.0	8.2	8.7	9.2	9.7	10.0
Cost convergence scenario	:	:	:	:	:	:	:	:
Death-related cost scenario	1.7	7.2	7.3	7.4	7.8	8.3	8.7	8.9
Income elasticity scenario	2.6	7.2	7.6	7.8	8.3	9.0	9.5	9.8

Long-term care

Long-term care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
Pure demographic scenario	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
GDP per capita scenario	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
Constant disability scenario	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
GDP per worker fast growth scenario	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
Shift 1% of dependents from informal to home care scenario	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
Shift 1% of dependents from informal to institutional care scenario	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.3
Shift 1% of dependents from informal to home/institutional care scenario	0.2	0.1	0.1	0.1	0.1	0.2	0.2	0.2

Number of dependent people (in thousands)	% Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	106%	698	806	869	1022	1205	1373	1436
of which: receiving formal care	173%	*227*	*281*	*311*	*372*	*456*	*548*	*621*
relying on informal or no care	73%	*471*	*525*	*557*	*651*	*750*	*825*	*814*
Pure demographic scenario	114%	698	811	877	1041	1237	1419	1494
of which: receiving formal care	182%	*227*	*282*	*314*	*377*	*466*	*563*	*641*
relying on informal or no care	81%	*471*	*528*	*563*	*663*	*771*	*856*	*853*
Constant disability scenario	97%	698	801	860	1004	1174	1326	1377
of which: receiving formal care	165%	*227*	*279*	*308*	*366*	*446*	*533*	*602*
relying on informal or no care	65%	*471*	*522*	*552*	*639*	*728*	*793*	*776*
Shift 1% of dependents from informal to home scenario	114%	698	811	877	1041	1237	1419	1494
of which: receiving formal care	248%	*227*	*347*	*402*	*481*	*590*	*705*	*790*
relying on informal or no care	49%	*471*	*463*	*475*	*559*	*647*	*714*	*703*

Education

Education spending as % of GDP - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	-0.30	4.6	4.4	4.3	4.1	4.0	4.2	4.3
Expenditure decomposition (broadly constant) : Transfers (3%) - Staff (85%) - Other (12%)								
Primary	-0.06	1.5	1.6	1.5	1.4	1.4	1.5	1.5
Expenditure decomposition (broadly constant) : Transfers (1%) - Staff (94%) - Other (5%)								
Low secondary	-0.06	1.2	1.1	1.1	1.0	1.0	1.1	1.1
Expenditure decomposition (broadly constant) : Transfers (2%) - Staff (91%) - Other (7%)								
Upper secondary	-0.08	1.0	0.9	0.9	0.9	0.8	0.9	0.9
Expenditure decomposition (broadly constant) : Transfers (1%) - Staff (89%) - Other (10%)								
Tertiary education	-0.11	0.9	0.8	0.8	0.8	0.8	0.8	0.8
Expenditure decomposition (broadly constant) : Transfers (9%) - Staff (57%) - Other (34%)								
Number of students (in thousands)								
Total	-164	1492	1479	1479	1421	1351	1350	1328
as % of population 5-24	1%	63%	65%	64%	64%	64%	65%	65%
Primary	-32	396	422	414	382	371	377	364
Low secondary	-35	387	399	396	377	354	359	352
Upper secondary	-42	350	332	346	336	312	310	309
Tertiary education	-56	358	325	323	326	314	303	302
Number of teachers (in thousands)								
Total	-20	192	193	193	183	175	175	172
Primary	-6	71	75	74	68	66	67	65
Low secondary	-4	46	48	47	45	43	43	42
Upper secondary	-6	47	44	46	45	42	41	41
Tertiary education	-4	28	26	25	26	25	24	24

Education spending as % of GDP - Higher compensation per teacher (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.13	-0.1	0.0	0.0	0.1	0.1	0.1	0.1

Education spending as % of GDP - Higher ratio teachers/students (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.70	0.2	0.6	0.8	0.8	0.8	0.9	0.9

Education spending as % of GDP - Higher attainment rates in tertiary education (45% by 2020) (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.33	0.4	0.7	0.7	0.7	0.7	0.7	0.7

Unemployment benefit

Unemployment benefit - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Unemployment benefit spending as % of GDP	-0.4	1.2	1.0	0.9	0.8	0.8	0.8	0.8

LEGENDA:

*** The potential GDP and its components is used to estimate the rate of potential output growth, net of normal cyclical variations**

(1) Share of older population = Population aged 55 to 64 as % of population aged 15-64

(2) Old-age dependency ratio = Population aged 65 and over as a percentage of the population aged 15-64

(3) Total dependency ratio = Population under 15 and over 64 as a percentage of the population aged 15-64

(4) Total economic dependency ratio = Total population less employed as % of employed population 15-64

(5) Economic old-age dependency ratio (15-64) = Inactive population aged 65+ as % of employed population 15-64

NB: : = data not provided

Source : Commission Services (DG ECFIN), Eurostat (EUROPOP2008), EPC (AWG).

Romania EC-EPC (AWG) 2009 projections

Main demographic and macroeconomic assumptions

Demographic projections - EUROPOP2008 (EUROSTAT)	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Fertility rate	0.2	1.32	1.35	1.37	1.41	1.44	1.48	1.52
Life expectancy at birth								
males	12.1	69.8	71.7	73.0	75.5	77.8	79.9	81.9
females	10.0	76.6	78.2	79.3	81.3	83.2	85.0	86.6
Life expectancy at 65								
males	6.8	13.6	14.5	15.2	16.6	17.9	19.2	20.4
females	6.9	16.3	17.3	18.0	19.4	20.7	22.0	23.2
Net migration (thousand)	9.5	-5.6	4.0	6.3	-0.8	12.9	12.7	3.9
Net migration as % of population	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Population (million)	-4.5	21.4	21.1	20.8	20.0	19.2	18.1	16.9
Children population (0-14) as % of total population	-3.7	15.2	14.9	14.7	13.0	11.8	11.8	11.5
Prime age population (25-54) as % of total population	-11.3	44.2	45.1	45.6	41.4	37.2	33.6	32.8
Working age population (15-64) as % of total population	-16.3	69.9	69.4	67.9	66.8	62.6	57.3	53.6
Elderly population (65 and over) as % of total population	20.0	14.9	15.6	17.4	20.3	25.5	30.9	35.0
Very elderly population (80 and over) as % of total population	10.3	2.8	3.6	4.2	4.9	7.4	9.4	13.1
Very elderly population (80 and over) as % of elderly population	18.8	18.6	23.3	24.2	24.3	29.1	30.5	37.5
Very elderly population (80 and over) as % of working age population	20.5	4.0	5.2	6.2	7.4	11.9	16.5	24.4
Macroeconomic assumptions*	AVG 07-60	2007	2015	2020	2030	2040	2050	2060
Potential GDP (growth rate)	2.0	6.4	3.9	2.9	1.6	1.1	0.3	0.3
Employment (growth rate)	-0.9	0.2	-0.1	-0.5	-1.1	-1.6	-1.4	-1.4
Labour input : hours worked (growth rate)	-0.8	1.0	-0.1	-0.5	-1.1	-1.6	-1.4	-1.4
Labour productivity per hour (growth rate)	2.9	5.4	4.0	3.4	2.7	2.7	1.7	1.7
TFP (growth rate)	1.6	2.5	1.9	1.8	1.8	1.8	1.1	1.1
Capital deepening (contribution to labour productivity growth)	1.2	2.9	2.1	1.6	1.0	1.0	0.6	0.6
GDP per capita (growth rate)	2.5	7.5	4.1	3.2	2.1	1.6	0.9	1.2
GDP per worker (growth rate)	2.9	6.2	4.0	3.4	2.7	2.8	1.7	1.7
GDP in 2007 prices (in millions euros)		121.3	178.6	209.5	257.5	303.2	321.2	335.8
Labour force assumptions	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Working age population (15-64) (in thousands)	-5979	15043	14649	14145	13392	12001	10394	9064
Population growth (working age:15-64)	-0.8	-0.1	-0.7	-0.8	-0.3	-1.4	-1.4	-0.9
Labour force 15-64 (thousands)	-3924	9478	9485	9172	8351	7299	6288	5554
Participation rate (15-64)	-1.7	63.0	64.7	64.8	62.4	60.8	60.5	61.3
young (15-24)	0.6	30.6	32.4	31.3	31.2	32.1	31.5	31.3
prime-age (25-54)	-3.9	78.9	78.1	77.1	75.3	74.7	75.2	75.1
older (55-64)	3.1	42.4	46.3	47.1	48.2	45.6	44.2	45.4
Participation rate (15-64) - FEMALES	0.1	56.0	58.2	58.8	56.6	55.5	55.2	56.1
young (15-24)	0.3	25.2	26.7	25.7	25.5	26.3	25.7	25.5
prime-age (25-54)	-1.2	72.0	72.6	71.9	70.9	70.3	70.9	70.8
older (55-64)	4.6	33.8	36.8	38.5	39.4	38.3	37.4	38.4
Participation rate (15-64) - MALES	-3.7	70.1	71.3	70.9	68.0	66.1	65.7	66.3
young (15-24)	0.8	35.9	37.9	36.8	36.6	37.6	36.9	36.7
prime-age (25-54)	-6.7	85.9	83.5	82.3	79.7	78.9	79.3	79.2
older (55-64)	0.4	52.1	57.2	56.7	57.6	53.1	51.2	52.6
Employment rate (15-64)	-1.1	58.7	60.9	61.0	58.6	57.2	56.9	57.6
Employment rate (20-64)	-2.7	64.5	65.0	65.1	62.7	60.9	60.6	61.8
Employment rate (15-71)	-2.9	56.1	58.0	57.6	56.0	53.4	52.6	53.2
Unemployment rate (15-64)	-0.8	6.8	6.0	6.0	6.0	6.0	6.0	6.0
Employment (15-64) (in millions)	-3.6	8.8	8.9	8.6	7.9	6.9	5.9	5.2
share of young (15-24)	-2%	9%	7%	6%	7%	7%	7%	7%
share of prime-age (25-54)	-5%	80%	79%	80%	75%	73%	73%	76%
share of older (55-64)	7%	11%	14%	13%	18%	20%	20%	17%
Dependency ratios:	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Share of older population (55-64) (1)	6.6	15.9	18.9	17.7	22.3	25.3	26.3	22.5
Old-age dependency ratio (2)	44	21	23	26	30	41	54	65
Total dependency ratio (3)	44	43	44	47	50	60	75	87
Total economic dependency ratio (4)	74	135	131	135	147	167	193	210
Economic old-age dependency ratio (15-64) (5)	69	30	32	35	43	59	81	99

Pension expenditure projections

Baseline scenario as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	9.2	6.6	8.5	8.8	10.4	12.6	14.8	15.8
Old-age and early pensions, gross	8.9	5.3	7.1	7.4	8.8	11.1	13.4	14.2
Of which : earnings-related pensions, gross	9.0	4.2	6.2	6.7	8.1	10.3	12.5	13.3
Other pensions (disability, survivors), gross	0.3	1.3	1.5	1.5	1.6	1.5	1.5	1.6
Occupational pensions, gross	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Private mandatory pensions, gross	1.9	0.0	0.0	0.0	0.0	0.4	1.3	1.9
Social security pensions, net	9.2	6.6	8.5	8.8	10.4	12.6	14.8	15.8
Social security pensions, contributions	0.5	6.7	6.1	6.2	6.4	6.6	6.9	7.2
Social security pensions, assets	:	:	:	:	:	:	:	:

Additional indicators	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, net/social sec. Pensions, gross, %	0.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9
Pensioners (social security, in 1000 persons)	735	5710	5305	5271	5652	6307	6736	6445
Pensioners aged 65+ (1000 pers)	1776.0	3073	2960	3069	3331	4008	4600	4849
Share of pensioners below age 65 as % of all pensioners	-21%	46%	44%	42%	41%	36%	32%	25%
Average gross pension (social security - € 1000 in 2007 prices)	6.8	1.4	2.9	3.5	4.8	6.0	7.1	8.2
Benefit ratio (Social security pensions)	7.6	29.4	39.2	40.1	40.5	39.3	37.7	37.0
Gross replacement rate at retirement (social security pensions)	7.1	36.5	48.4	48.4	48.2	46.8	44.6	43.6
Contributors (social security pensions, in 1000 persons)	-839	6136	6536	6630	6464	6185	5689	5297
Support ratio (contributors/100 pensioners, social security pensions)	-25.3	107	123	126	114	98	84	82
High life expectancy as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.5	0.0	0.0	0.0	0.1	0.2	0.3	0.5
Old-age and early pensions, gross	0.4	0.0	0.0	0.0	0.1	0.2	0.3	0.4
High labour productivity as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Old-age and early pensions, gross	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Zero migration as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.5	0.0	0.0	0.0	0.0	0.1	0.3	0.5
Old-age and early pensions, gross	0.5	0.0	0.0	0.0	0.0	0.1	0.3	0.5
High employment rate (1 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.3	0.0	-0.1	-0.1	-0.2	-0.2	-0.2	-0.3
Old-age and early pensions, gross	-0.2	0.0	-0.1	-0.1	-0.1	-0.2	-0.2	-0.2
High older workers empl. Rate (5 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.4	0.0	-0.1	-0.2	-0.3	-0.3	-0.4	-0.4
Old-age and early pensions, gross	-0.3	0.0	-0.1	-0.1	-0.2	-0.3	-0.3	-0.3
Decomposition of the increase (in p.p.) in pension expenditure (social security) - selected years	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Social security pensions, gross as % of GDP	8.2	7.6	8.5	8.8	10.4	12.6	14.8	15.8
Social security pensions, gross as % of GDP - p.p. ch. from 2007 due to :		1.0	1.9	2.3	3.9	6.0	8.3	9.2
Dependency ratio	13.6	0.0	0.4	1.6	3.1	6.6	10.6	13.6
Coverage ratio	-4.9	0.0	-0.6	-1.5	-1.8	-2.6	-3.5	-4.9
Employment effect	0.3	-0.1	-0.2	-0.2	0.1	0.4	0.5	0.3
Benefit ratio	0.6	1.1	2.6	2.8	2.9	2.6	2.0	1.7
Interaction effect (residual)	-1.5	0.0	-0.2	-0.4	-0.5	-1.0	-1.3	-1.5
over selected time periods	2007-2060		2007-2015	2015-2020	2025-2030	2035-2040	2045-2050	2055-2060
Social security pensions, gross as % of GDP	9.2		1.95	0.31	1.05	1.06	1.12	0.47
Dependency ratio	13.6		0.38	1.18	0.39	1.75	1.79	0.64
Coverage ratio	-4.9		-0.65	-0.82	0.37	-0.34	-0.33	-0.28
Employment effect	0.3		-0.23	-0.01	0.28	0.12	0.03	-0.01
Benefit ratio	1.7		2.63	0.21	-0.06	-0.25	-0.28	-0.06
Interaction effect (residual)	-1.46		-0.19	-0.25	0.08	-0.22	-0.09	0.17

Health care

Health care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	1.4	3.5	3.7	3.8	4.1	4.4	4.7	4.9
Pure ageing scenario	1.4	3.5	3.6	3.7	4.0	4.4	4.7	4.9
Labour intensity scenario	2.7	3.5	3.6	3.7	4.2	4.8	5.6	6.2
Constant health scenario	0.7	3.5	3.5	3.5	3.7	3.8	4.0	4.2
Fast cost growth scenario	1.7	3.5	3.9	4.0	4.3	4.7	5.0	5.2
Cost convergence scenario	5.3	3.5	3.9	4.3	5.1	6.2	7.4	8.8
Death-related cost scenario	1.2	3.5	3.5	3.6	3.9	4.3	4.5	4.7
Income elasticity scenario	1.8	3.5	3.8	3.9	4.3	4.7	5.0	5.3

Long-term care

Long-term care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pure demographic scenario	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
GDP per capita scenario	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Constant disability scenario	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GDP per worker fast growth scenario	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Shift 1% of dependents from informal to home care scenario	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Shift 1% of dependents from informal to institutional care scenario	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Shift 1% of dependents from informal to home/institutional care scenario	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1

Number of dependent people (in thousands)	% Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	114%	971	1058	1141	1302	1584	1842	2082
of which: receiving formal care	137%	*229*	*253*	*274*	*321*	*394*	*467*	*542*
relying on informal or no care	107%	*743*	*805*	*867*	*981*	*1191*	*1376*	*1540*
Pure demographic scenario	130%	971	1070	1160	1349	1651	1953	2237
of which: receiving formal care	153%	*229*	*256*	*278*	*332*	*410*	*493*	*579*
relying on informal or no care	123%	*743*	*815*	*882*	*1017*	*1241*	*1461*	*1658*
Constant disability scenario	98%	971	1045	1123	1256	1518	1731	1928
of which: receiving formal care	121%	*229*	*250*	*269*	*310*	*378*	*440*	*505*
relying on informal or no care	92%	*743*	*795*	*853*	*946*	*1140*	*1291*	*1423*
Shift 1% of dependents from informal to home scenario	130%	971	1070	1160	1349	1651	1953	2237
of which: receiving formal care	251%	*229*	*341*	*394*	*467*	*575*	*688*	*803*
relying on informal or no care	93%	*743*	*729*	*766*	*882*	*1076*	*1265*	*1434*

Education

Education spending as % of GDP - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	-0.48	2.8	2.4	2.3	2.2	2.1	2.2	2.3
Expenditure decomposition (broadly constant) : Transfers (5%) - Staff (59%) - Other (36%)								
Primary	-0.08	1.3	1.2	1.2	1.1	1.1	1.2	1.2
Expenditure decomposition (broadly constant) : Transfers (5%) - Staff (72%) - Other (23%)								
Low secondary	:	:	:	:	:	:	:	:
Expenditure decomposition (broadly constant) : Transfers (-%) - Staff (-%) - Other (-%)								
Upper secondary	-0.19	0.7	0.5	0.5	0.5	0.5	0.5	0.5
Expenditure decomposition (broadly constant) : Transfers (5%) - Staff (66%) - Other (29%)								
Tertiary education	-0.20	0.8	0.6	0.6	0.5	0.5	0.5	0.6
Expenditure decomposition (broadly constant) : Transfers (7%) - Staff (29%) - Other (64%)								
Number of students (in thousands)								
Total	-1766	3751	3171	3053	2763	2350	2143	1985
as % of population 5-24	2%	69%	71%	72%	71%	70%	71%	71%
Primary	-379	935	896	888	750	640	615	556
Low secondary	-379	922	825	831	757	620	581	542
Upper secondary	-546	1030	738	702	688	574	506	483
Tertiary education	-461	864	713	633	567	516	442	403
Number of teachers (in thousands)								
Total	-103	223	190	185	167	141	130	120
Primary	-22	55	52	52	44	37	36	33
Low secondary	-31	75	67	68	62	51	47	44
Upper secondary	-32	61	44	41	41	34	30	29
Tertiary education	-17	32	27	24	21	19	16	15

Education spending as % of GDP - Higher compensation per teacher (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.24	-0.3	-0.1	-0.1	0.0	0.0	0.0	0.0

Education spending as % of GDP - Higher ratio teachers/students (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.26	0.0	0.2	0.3	0.3	0.3	0.3	0.3

Education spending as % of GDP - Higher attainment rates in tertiary education (45% by 2020) (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.19	0.3	0.5	0.5	0.4	0.5	0.4	0.5

Unemployment benefit

Unemployment benefit - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Unemployment benefit spending as % of GDP	0.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2

LEGENDA:

*** The potential GDP and its components is used to estimate the rate of potential output growth, net of normal cyclical variations**

(1) Share of older population = Population aged 55 to 64 as % of population aged 15-64

(2) Old-age dependency ratio = Population aged 65 and over as a percentage of the population aged 15-64

(3) Total dependency ratio = Population under 15 and over 64 as a percentage of the population aged 15-64

(4) Total economic dependency ratio = Total population less employed as % of employed population 15-64

(5) Economic old-age dependency ratio (15-64) = Inactive population aged 65+ as % of employed population 15-64

NB: : = data not provided

Source : Commission Services (DG ECFIN), Eurostat (EUROPOP2008), EPC (AWG).

Slovenia EC-EPC (AWG) 2009 projections

Main demographic and macroeconomic assumptions

Demographic projections - EUROPOP2008 (EUROSTAT)	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Fertility rate	0.2	1.32	1.35	1.37	1.40	1.44	1.48	1.52
Life expectancy at birth								
males	9.0	74.7	76.1	77.1	78.9	80.6	82.2	83.7
females	6.9	81.9	83.0	83.7	85.1	86.4	87.6	88.8
Life expectancy at 65								
males	5.7	15.7	16.5	17.1	18.2	19.3	20.4	21.4
females	5.3	19.6	20.4	20.9	22.0	23.0	24.0	24.9
Net migration (thousand)	-3.6	5.9	5.0	4.4	3.4	3.3	3.0	2.3
Net migration as % of population	-0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.1
Population (million)	-0.2	2.0	2.1	2.1	2.0	2.0	1.9	1.8
Children population (0-14) as % of total population	-1.1	13.9	14.0	14.2	12.8	12.1	12.8	12.8
Prime age population (25-54) as % of total population	-12.5	45.7	43.7	41.7	37.7	34.3	33.0	33.2
Working age population (15-64) as % of total population	-16.3	70.0	68.1	65.4	61.9	58.9	54.7	53.8
Elderly population (65 and over) as % of total population	17.4	16.1	17.9	20.4	25.3	29.1	32.5	33.4
Very elderly population (80 and over) as % of total population	10.3	3.5	4.8	5.4	6.7	9.9	12.0	13.9
Very elderly population (80 and over) as % of elderly population	19.5	21.9	27.0	26.5	26.4	34.0	36.8	41.4
Very elderly population (80 and over) as % of working age population	20.7	5.0	7.1	8.3	10.8	16.8	21.9	25.8
Macroeconomic assumptions*	AVG 07-60	2007	2015	2020	2030	2040	2050	2060
Potential GDP (growth rate)	1.6	4.9	3.2	2.6	0.8	0.7	0.8	1.1
Employment (growth rate)	-0.6	1.2	0.0	-0.5	-0.9	-1.0	-0.9	-0.6
Labour input : hours worked (growth rate)	-0.6	1.2	0.0	-0.5	-0.9	-1.0	-0.9	-0.6
Labour productivity per hour (growth rate)	2.2	3.6	3.2	3.1	1.8	1.7	1.7	1.7
TFP (growth rate)	1.3	1.5	1.6	1.7	1.2	1.1	1.1	1.1
Capital deepening (contribution to labour productivity growth)	1.0	2.1	1.5	1.4	0.6	0.6	0.6	0.6
GDP per capita (growth rate)	1.8	4.5	3.0	2.6	1.1	1.1	1.3	1.7
GDP per worker (growth rate)	2.2	3.6	3.1	3.1	1.8	1.7	1.7	1.7
GDP in 2007 prices (in millions euros)		33.5	44.5	51.0	58.8	63.4	68.3	75.1
Labour force assumptions	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Working age population (15-64) (in thousands)	-453	1410	1398	1346	1253	1153	1028	956
Population growth (working age:15-64)	-0.6	0.2	-0.5	-0.8	-0.7	-0.9	-1.0	-0.4
Labour force 15-64 (thousands)	-318	1006	1013	988	898	816	736	688
Participation rate (15-64)	0.6	71.4	72.5	73.4	71.7	70.8	71.6	71.9
young (15-24)	-0.8	40.9	41.9	40.8	40.1	41.4	40.6	40.1
prime-age (25-54)	-0.6	89.3	89.2	89.1	88.5	88.4	89.0	88.7
older (55-64)	14.6	34.5	42.9	48.8	49.5	49.3	48.3	49.1
Participation rate (15-64) - FEMALES	2.8	66.7	69.8	70.8	69.1	68.4	69.3	69.5
young (15-24)	-0.2	35.1	36.7	35.5	34.9	36.1	35.5	34.9
prime-age (25-54)	-1.0	87.3	86.9	86.9	86.1	85.9	86.5	86.2
older (55-64)	25.8	22.8	41.7	48.2	49.0	48.8	47.9	48.6
Participation rate (15-64) - MALES	-1.5	75.8	75.1	75.8	74.2	73.0	73.9	74.3
young (15-24)	-1.2	46.3	46.9	45.8	45.3	46.6	45.7	45.1
prime-age (25-54)	-0.2	91.3	91.4	91.3	90.8	90.8	91.4	91.1
older (55-64)	3.1	46.5	44.1	49.5	49.9	49.7	48.7	49.6
Employment rate (15-64)	0.7	67.8	69.1	69.9	68.3	67.5	68.3	68.6
Employment rate (20-64)	1.0	72.6	73.0	74.0	73.0	71.7	72.7	73.6
Employment rate (15-71)	-1.9	63.1	63.4	63.1	61.5	60.5	60.0	61.2
Unemployment rate (15-64)	-0.3	4.9	4.7	4.7	4.7	4.7	4.7	4.7
Employment (15-64) (in millions)	-0.3	1.0	1.0	0.9	0.9	0.8	0.7	0.7
share of young (15-24)	-1%	10%	8%	8%	9%	9%	9%	9%
share of prime-age (25-54)	-6%	82%	79%	78%	75%	73%	75%	76%
share of older (55-64)	6%	8%	13%	15%	16%	18%	16%	14%
Dependency ratios:	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Share of older population (55-64) (1)	3.6	17.1	21.0	21.9	22.7	25.4	23.5	20.6
Old-age dependency ratio (2)	39	23	26	31	41	49	59	62
Total dependency ratio (3)	43	43	47	53	61	70	83	86
Total economic dependency ratio (4)	60	107	111	116	133	148	163	168
Economic old-age dependency ratio (15-64) (5)	56	32	37	42	56	69	83	87

Pension expenditure projections

Baseline scenario as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	8.8	9.9	10.6	11.1	13.3	16.1	18.2	18.6
Old-age and early pensions, gross	8.0	7.0	7.9	8.4	10.4	12.9	14.7	15.0
Of which : earnings-related pensions, gross	8.0	7.0	7.9	8.4	10.4	12.9	14.7	15.0
Other pensions (disability, survivors), gross	0.7	2.8	2.7	2.7	2.8	3.2	3.5	3.6
Occupational pensions, gross	:	:	:	:	:	:	:	:
Private mandatory pensions, gross	:	:	:	:	:	:	:	:
Social security pensions, net	8.8	9.9	10.6	11.1	13.3	16.1	18.2	18.6
Social security pensions, contributions	-0.2	8.7	8.3	8.5	8.6	8.6	8.6	8.5
Social security pensions, assets	7.8	6.9	6.6	6.6	7.7	9.7	12.1	14.7

Additional indicators	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, net/social sec. Pensions, gross, %	0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Pensioners (social security, in 1000 persons)	211	519	578	610	688	754	769	730
Pensioners aged 65+ (1000 pers)	272.7	325	377	411	500	566	610	598
Share of pensioners below age 65 as % of all pensioners	-19%	37%	35%	33%	27%	25%	21%	18%
Average gross pension (social security - € 1000 in 2007 prices)	12.8	6.4	8.2	9.3	11.3	13.6	16.1	19.2
Benefit ratio (Social security pensions)	-2.3	40.9	39.9	39.0	38.1	38.4	38.6	38.6
Gross replacement rate at retirement (social security pensions)	:	:	:	:	:	:	:	:
Contributors (social security pensions, in 1000 persons)	-258	878	887	875	806	734	666	620
Support ratio (contributors/100 pensioners, social security pensions)	-84.3	169	153	144	117	97	87	85
High life expectancy as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.6	0.0	0.0	0.0	0.1	0.2	0.4	0.6
Old-age and early pensions, gross	0.5	0.0	0.0	0.0	0.1	0.2	0.3	0.5
High labour productivity as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.2	0.0	0.1	0.1	0.2	0.2	0.2	0.2
Old-age and early pensions, gross	0.2	0.0	0.1	0.1	0.1	0.2	0.2	0.2
Zero migration as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	3.0	0.0	0.1	0.3	0.7	1.5	2.4	3.0
Old-age and early pensions, gross	2.5	0.0	0.1	0.2	0.6	1.2	2.0	2.5
High employment rate (1 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.2	0.0	-0.1	-0.1	-0.2	-0.2	-0.2	-0.2
Old-age and early pensions, gross	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
High older workers empl. Rate (5 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.1	0.0	-0.1	-0.1	0.0	0.0	0.1	0.1
Old-age and early pensions, gross	0.2	0.0	-0.1	-0.1	0.1	0.1	0.2	0.2
Decomposition of the increase (in p.p.) in pension expenditure (social security) - selected years	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Social security pensions, gross as % of GDP	8.6	10.0	10.6	11.1	13.3	16.1	18.2	18.6
Social security pensions, gross as % of GDP - p.p. ch. from 2007 due to :		0.1	0.7	1.2	3.4	6.3	8.3	8.8
Dependency ratio	13.6	0.1	1.6	3.6	6.9	9.6	12.9	13.7
Coverage ratio	-3.5	0.0	-0.3	-1.1	-2.0	-2.2	-3.0	-3.5
Employment effect	-0.1	0.0	-0.2	-0.3	0.0	0.1	-0.1	-0.1
Benefit ratio	-0.7	0.0	-0.3	-0.6	-0.9	-0.8	-0.7	-0.7
Interaction effect (residual)	-0.7	0.0	0.0	-0.3	-0.6	-0.5	-0.7	-0.7
over selected time periods	2007-2060		2007-2015	2015-2020	2025-2030	2035-2040	2045-2050	2055-2060
Social security pensions, gross as % of GDP	8.8		0.75	0.50	1.31	1.42	0.86	0.04
Dependency ratio	13.7		1.55	2.01	1.55	1.29	1.51	-0.03
Coverage ratio	-3.5		-0.30	-0.83	-0.27	-0.04	-0.46	-0.08
Employment effect	-0.1		-0.18	-0.13	0.15	0.09	-0.14	0.02
Benefit ratio	-0.7		-0.32	-0.26	-0.07	0.08	0.03	0.03
Interaction effect (residual)	-0.66		-0.01	-0.29	-0.05	0.01	-0.08	0.09

Health care

Health care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	1.9	6.6	7.1	7.3	7.8	8.2	8.4	8.5
Pure ageing scenario	1.9	6.6	7.0	7.2	7.7	8.2	8.4	8.6
Labour intensity scenario	4.1	6.6	7.0	7.4	8.4	9.5	10.4	10.7
Constant health scenario	1.0	6.6	6.8	6.9	7.2	7.5	7.6	7.6
Fast cost growth scenario	2.5	6.6	7.5	7.7	8.2	8.7	9.0	9.2
Cost convergence scenario	2.6	6.6	7.0	7.3	7.8	8.4	8.9	9.2
Death-related cost scenario	1.6	6.6	6.8	7.0	7.5	7.9	8.1	8.2
Income elasticity scenario	2.4	6.6	7.1	7.4	8.0	8.6	8.9	9.0

Long-term care

Long-term care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	1.8	1.1	1.3	1.4	1.8	2.2	2.6	2.9
Pure demographic scenario	1.8	1.1	1.3	1.4	1.8	2.2	2.7	2.9
GDP per capita scenario	1.2	1.1	1.3	1.4	1.6	1.9	2.2	2.3
Constant disability scenario	1.7	1.1	1.3	1.4	1.7	2.2	2.6	2.8
GDP per worker fast growth scenario	2.1	1.1	1.4	1.5	2.0	2.5	2.9	3.2
Shift 1% of dependents from informal to home care scenario	2.1	1.1	1.3	1.5	1.9	2.4	2.9	3.2
Shift 1% of dependents from informal to institutional care scenario	2.4	1.1	1.4	1.7	2.1	2.7	3.2	3.5
Shift 1% of dependents from informal to home/institutional care scenario	2.2	1.1	1.4	1.6	2.0	2.6	3.1	3.4

Number of dependent people (in thousands)	% Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	101%	76	89	101	123	141	153	153
of which: receiving formal care	147%	*24*	*31*	*34*	*43*	*52*	*58*	*60*
relying on informal or no care	79%	*52*	*58*	*67*	*81*	*90*	*95*	*92*
Pure demographic scenario	107%	76	89	102	125	144	157	157
of which: receiving formal care	154%	*24*	*31*	*35*	*43*	*53*	*59*	*62*
relying on informal or no care	85%	*52*	*59*	*67*	*82*	*91*	*97*	*95*
Constant disability scenario	95%	76	89	101	122	139	150	148
of which: receiving formal care	140%	*24*	*30*	*34*	*42*	*51*	*57*	*59*
relying on informal or no care	74%	*52*	*58*	*66*	*80*	*88*	*93*	*90*
Shift 1% of dependents from informal to home scenario	107%	76	89	102	125	144	157	157
of which: receiving formal care	218%	*24*	*38*	*45*	*56*	*67*	*75*	*78*
relying on informal or no care	54%	*52*	*51*	*57*	*69*	*77*	*82*	*79*

Education

Education spending as % of GDP - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.44	5.1	4.8	4.9	5.0	5.0	5.3	5.6
Expenditure decomposition (broadly constant) : Transfers (9%) - Staff (64%) - Other (27%)								
Primary	0.47	2.6	2.7	2.8	2.7	2.6	3.0	3.0
Expenditure decomposition (broadly constant) : Transfers (0%) - Staff (74%) - Other (26%)								
Low secondary	:	:	:	:	:	:	:	:
Expenditure decomposition (broadly constant) : Transfers (-%) - Staff (-%) - Other (-%)								
Upper secondary	0.03	1.3	1.0	1.0	1.2	1.2	1.2	1.3
Expenditure decomposition (broadly constant) : Transfers (16%) - Staff (61%) - Other (24%)								
Tertiary education	-0.07	1.3	1.1	1.0	1.1	1.2	1.2	1.2
Expenditure decomposition (broadly constant) : Transfers (22%) - Staff (47%) - Other (30%)								
Number of students (in thousands)								
Total	-94	380	348	348	337	302	290	286
as % of population 5-24	2%	85%	87%	88%	87%	87%	88%	88%
Primary	-15	93	98	101	88	78	82	77
Low secondary	-14	75	69	75	72	61	61	61
Upper secondary	-28	101	84	82	88	76	70	72
Tertiary education	-37	112	98	90	89	86	78	75
Number of teachers (in thousands)								
Total	-6	24	22	23	22	19	19	19
Primary	-1	6	7	7	6	5	5	5
Low secondary	-1	7	7	7	7	6	6	6
Upper secondary	-2	7	6	6	6	6	5	5
Tertiary education	-1	3	3	3	3	3	2	2

Education spending as % of GDP - Higher compensation per teacher (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.29	-0.1	0.0	0.1	0.2	0.2	0.2	0.2

Education spending as % of GDP - Higher ratio teachers/students (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.70	0.1	0.4	0.7	0.7	0.7	0.8	0.8

Education spending as % of GDP - Higher attainment rates in tertiary education (45% by 2020) (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.12	0.1	0.2	0.2	0.2	0.2	0.2	0.2

Unemployment benefit

Unemployment benefit - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Unemployment benefit spending as % of GDP	0.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2

LEGENDA:

*** The potential GDP and its components is used to estimate the rate of potential output growth, net of normal cyclical variations**

(1) Share of older population = Population aged 55 to 64 as % of population aged 15-64

(2) Old-age dependency ratio = Population aged 65 and over as a percentage of the population aged 15-64

(3) Total dependency ratio = Population under 15 and over 64 as a percentage of the population aged 15-64

(4) Total economic dependency ratio = Total population less employed as % of employed population 15-64

(5) Economic old-age dependency ratio (15-64) = Inactive population aged 65+ as % of employed population 15-64

NB: : = data not provided

Source : Commission Services (DG ECFIN), Eurostat (EUROPOP2008), EPC (AWG).

Slovak Republic EC-EPC (AWG) 2009 projections

Main demographic and macroeconomic assumptions

Demographic projections - EUROPOP2008 (EUROSTAT)	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Fertility rate	0.2	1.25	1.28	1.30	1.34	1.38	1.43	1.47
Life expectancy at birth								
males	11.1	70.9	72.6	73.8	76.0	78.2	80.2	82.0
females	8.6	78.7	80.0	81.0	82.7	84.4	85.9	87.4
Life expectancy at 65								
males	6.9	13.3	14.3	15.0	16.3	17.7	19.0	20.2
females	6.6	17.1	18.1	18.8	20.1	21.3	22.6	23.7
Net migration (thousand)	0.1	3.6	5.0	5.0	3.9	6.1	6.1	3.7
Net migration as % of population	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Population (million)	-0.9	5.4	5.4	5.4	5.3	5.1	4.9	4.5
Children population (0-14) as % of total population	-4.6	15.8	14.7	14.6	12.9	11.3	11.3	11.1
Prime age population (25-54) as % of total population	-13.2	45.6	45.7	45.4	42.3	37.0	33.3	32.4
Working age population (15-64) as % of total population	-19.5	72.3	71.5	69.0	65.9	63.4	57.0	52.7
Elderly population (65 and over) as % of total population	24.1	12.0	13.8	16.4	21.3	25.3	31.6	36.1
Very elderly population (80 and over) as % of total population	10.6	2.6	3.0	3.2	4.7	7.8	9.3	13.2
Very elderly population (80 and over) as % of elderly population	14.9	21.6	22.0	19.7	22.3	30.7	29.5	36.5
Very elderly population (80 and over) as % of working age population	21.4	3.6	4.2	4.7	7.2	12.3	16.4	25.0
Macroeconomic assumptions*	AVG 07-60	2007	2015	2020	2030	2040	2050	2060
Potential GDP (growth rate)	2.0	6.5	4.2	3.4	2.0	0.5	0.2	0.5
Employment (growth rate)	-0.6	0.8	0.7	0.3	-0.6	-1.2	-1.5	-1.2
Labour input : hours worked (growth rate)	-0.6	1.0	0.7	0.3	-0.7	-1.2	-1.5	-1.2
Labour productivity per hour (growth rate)	2.6	5.3	3.5	3.1	2.7	1.7	1.7	1.7
TFP (growth rate)	1.6	3.5	2.0	1.8	1.8	1.1	1.1	1.1
Capital deepening (contribution to labour productivity growth)	1.0	1.8	1.5	1.3	0.9	0.6	0.6	0.6
GDP per capita (growth rate)	2.3	6.5	4.1	3.4	2.3	1.0	0.8	1.3
GDP per worker (growth rate)	2.6	5.7	3.5	3.0	2.7	1.7	1.7	1.7
GDP in 2007 prices (in millions euros)		54.8	83.2	99.8	125.1	136.7	140.9	146.1
Labour force assumptions	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Working age population (15-64) (in thousands)	-1485	3883	3881	3746	3512	3241	2771	2398
Population growth (working age:15-64)	-1.7	0.5	-0.4	-0.7	-0.7	-1.3	-1.6	-1.1
Labour force 15-64 (thousands)	-965	2673	2788	2731	2558	2286	1951	1708
Participation rate (15-64)	2.4	68.8	71.8	72.9	72.8	70.5	70.4	71.2
young (15-24)	-0.4	34.8	37.7	35.9	34.3	35.9	35.4	34.5
prime-age (25-54)	-0.1	87.5	87.6	87.9	87.8	87.1	87.3	87.5
older (55-64)	13.4	39.4	49.6	50.3	55.1	53.8	52.6	52.8
Participation rate (15-64) - FEMALES	4.9	61.2	65.2	66.7	67.5	65.3	65.2	66.1
young (15-24)	-1.0	30.6	32.4	30.8	29.4	30.8	30.4	29.6
prime-age (25-54)	0.8	81.1	81.2	81.7	82.2	81.4	81.5	81.9
older (55-64)	25.3	23.8	41.9	44.0	50.5	49.5	48.8	49.1
Participation rate (15-64) - MALES	-0.4	76.6	78.5	79.1	78.2	75.7	75.5	76.2
young (15-24)	0.3	38.9	42.8	40.8	38.9	40.8	40.3	39.2
prime-age (25-54)	-1.0	93.9	93.8	93.9	93.2	92.6	93.0	92.9
older (55-64)	-1.0	57.6	58.1	57.2	60.1	58.2	56.4	56.6
Employment rate (15-64)	5.6	61.2	65.6	68.4	68.3	66.2	66.0	66.8
Employment rate (20-64)	4.3	67.7	70.6	73.1	73.6	70.8	70.5	72.0
Employment rate (15-71)	2.1	57.3	61.3	63.6	63.1	60.8	58.8	59.4
Unemployment rate (15-64)	-4.9	11.1	8.6	6.2	6.2	6.2	6.2	6.2
Employment (15-64) (in millions)	-0.8	2.4	2.5	2.6	2.4	2.1	1.8	1.6
share of young (15-24)	-3%	10%	8%	7%	7%	7%	7%	7%
share of prime-age (25-54)	-6%	81%	78%	80%	78%	72%	73%	76%
share of older (55-64)	8%	9%	13%	14%	16%	21%	21%	17%
Dependency ratios:	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Share of older population (55-64) (1)	7.1	15.7	19.1	19.3	20.3	26.5	27.1	22.8
Old-age dependency ratio (2)	52	17	19	24	32	40	55	68
Total dependency ratio (3)	51	38	40	45	52	58	75	90
Total economic dependency ratio (4)	51	126	111	108	118	133	158	177
Economic old-age dependency ratio (15-64) (5)	69	27	28	31	43	55	77	96

Pension expenditure projections

Baseline scenario as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	3.4	6.8	6.3	6.3	7.3	8.3	9.4	10.2
Old-age and early pensions, gross	1.9	4.3	3.6	3.6	4.1	4.8	5.6	6.2
Of which : earnings-related pensions, gross	:	:	:	:	:	:	:	:
Other pensions (disability, survivors), gross	1.5	2.5	2.7	2.7	3.2	3.5	3.8	4.1
Occupational pensions, gross	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Private mandatory pensions, gross	2.2	0.0	0.0	0.1	0.5	1.0	1.7	2.2
Social security pensions, net	3.4	6.8	6.3	6.3	7.3	8.3	9.4	10.2
Social security pensions, contributions	-0.4	4.6	4.7	4.6	4.5	4.4	4.3	4.2
Social security pensions, assets	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Additional indicators	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, net/social sec. Pensions, gross, %	0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Pensioners (social security, in 1000 persons)	566	1189	1224	1287	1475	1633	1751	1754
Pensioners aged 65+ (1000 pers)	777.7	613	696	784	995	1103	1282	1391
Share of pensioners below age 65 as % of all pensioners	-28%	48%	43%	39%	33%	32%	27%	21%
Average gross pension (social security - € 1000 in 2007 prices)	5.4	3.1	4.3	4.9	6.2	6.9	7.6	8.5
Benefit ratio (Social security pensions)	-12.0	45.2	44.5	43.3	41.0	37.9	34.9	33.1
Gross replacement rate at retirement (social security pensions)	:	:	:	:	:	:	:	:
Contributors (social security pensions, in 1000 persons)	-671	2386	2593	2662	2501	2260	1964	1715
Support ratio (contributors/100 pensioners, social security pensions)	-103.0	201	212	207	170	138	112	98
High life expectancy as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.3	0.0	0.0	0.0	0.1	0.1	0.2	0.3
Old-age and early pensions, gross	0.2	0.0	0.0	0.0	0.0	0.1	0.1	0.2
High labour productivity as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.1	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1
Old-age and early pensions, gross	-0.1	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1
Zero migration as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.5	0.0	0.0	0.0	0.1	0.2	0.3	0.5
Old-age and early pensions, gross	0.4	0.0	0.0	0.0	0.1	0.1	0.2	0.4
High employment rate (1 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.1	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1
Old-age and early pensions, gross	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
High older workers empl. Rate (5 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.1	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1
Old-age and early pensions, gross	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0
Decomposition of the increase (in p.p.) in pension expenditure (social security) - selected years	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Social security pensions, gross as % of GDP	3.5	6.8	6.3	6.3	7.3	8.3	9.4	10.2
Social security pensions, gross as % of GDP - p.p. ch. from 2007 due to :		0.0	-0.5	-0.5	0.5	1.5	2.6	3.4
Dependency ratio	11.6	0.0	1.1	2.7	4.8	6.5	9.6	11.7
Coverage ratio	-3.8	-0.1	-0.8	-1.6	-2.2	-2.5	-3.3	-3.9
Employment effect	-0.6	0.0	-0.5	-0.7	-0.7	-0.5	-0.4	-0.6
Benefit ratio	-2.5	0.0	-0.1	-0.3	-0.7	-1.3	-1.9	-2.4
Interaction effect (residual)	-1.4	0.0	-0.2	-0.6	-0.7	-0.9	-1.3	-1.4
over selected time periods	2007-2060		2007-2015	2015-2020	2025-2030	2035-2040	2045-2050	2055-2060
Social security pensions, gross as % of GDP	3.4		-0.48	-0.02	0.42	0.48	0.67	0.33
Dependency ratio	11.7		1.14	1.52	0.92	1.05	1.45	0.88
Coverage ratio	-3.9		-0.80	-0.77	-0.28	-0.19	-0.37	-0.28
Employment effect	-0.6		-0.46	-0.25	0.05	0.12	-0.01	-0.07
Benefit ratio	-2.4		-0.14	-0.18	-0.20	-0.37	-0.28	-0.18
Interaction effect (residual)	-1.35		-0.22	-0.34	-0.07	-0.12	-0.13	-0.01

Health care

Health care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	2.3	5.0	5.4	5.7	6.2	6.7	7.1	7.2
Pure ageing scenario	2.3	5.0	5.3	5.6	6.1	6.6	7.1	7.3
Labour intensity scenario	3.7	5.0	5.0	5.1	5.8	6.7	7.8	8.6
Constant health scenario	1.2	5.0	5.2	5.3	5.6	5.8	6.1	6.2
Fast cost growth scenario	2.8	5.0	5.7	6.0	6.5	7.1	7.5	7.7
Cost convergence scenario	4.1	5.0	5.4	5.8	6.5	7.4	8.2	9.1
Death-related cost scenario	2.0	5.0	5.2	5.4	5.9	6.4	6.8	7.0
Income elasticity scenario	2.9	5.0	5.5	5.9	6.5	7.1	7.6	7.8

Long-term care

Long-term care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	0.4	0.2	0.2	0.2	0.3	0.4	0.5	0.6
Pure demographic scenario	0.4	0.2	0.2	0.2	0.3	0.4	0.5	0.6
GDP per capita scenario	0.3	0.2	0.2	0.2	0.3	0.4	0.4	0.5
Constant disability scenario	0.4	0.2	0.2	0.2	0.3	0.4	0.5	0.6
GDP per worker fast growth scenario	0.5	0.2	0.2	0.2	0.3	0.4	0.5	0.7
Shift 1% of dependents from informal to home care scenario	0.6	0.2	0.2	0.3	0.4	0.5	0.6	0.8
Shift 1% of dependents from informal to institutional care scenario	0.4	0.2	0.2	0.2	0.3	0.4	0.5	0.6
Shift 1% of dependents from informal to home/institutional care scenario	0.5	0.2	0.2	0.3	0.3	0.4	0.6	0.7

Number of dependent people (in thousands)	% Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	165%	239	275	323	418	492	575	633
of which: receiving formal care	213%	*31*	*36*	*41*	*56*	*70*	*83*	*96*
relying on informal or no care	158%	*208*	*239*	*282*	*362*	*422*	*491*	*537*
Pure demographic scenario	177%	239	277	326	427	506	595	662
of which: receiving formal care	226%	*31*	*36*	*41*	*57*	*72*	*86*	*100*
relying on informal or no care	170%	*208*	*241*	*284*	*370*	*434*	*509*	*562*
Constant disability scenario	153%	239	273	319	409	478	554	604
of which: receiving formal care	200%	*31*	*35*	*41*	*54*	*68*	*81*	*92*
relying on informal or no care	146%	*208*	*238*	*279*	*355*	*410*	*474*	*512*
Shift 1% of dependents from informal to home scenario	177%	239	277	326	427	506	595	662
of which: receiving formal care	442%	*31*	*58*	*74*	*100*	*122*	*146*	*166*
relying on informal or no care	138%	*208*	*219*	*252*	*328*	*383*	*450*	*495*

Education

Education spending as % of GDP - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	-0.82	3.1	2.4	2.2	2.2	2.1	2.1	2.3
Expenditure decomposition (broadly constant) : Transfers (6%) - Staff (57%) - Other (37%)								
Primary	-0.09	0.6	0.5	0.5	0.5	0.4	0.5	0.5
Expenditure decomposition (broadly constant) : Transfers (0%) - Staff (61%) - Other (38%)								
Low secondary	-0.19	0.7	0.5	0.5	0.5	0.5	0.5	0.5
Expenditure decomposition (broadly constant) : Transfers (0%) - Staff (64%) - Other (36%)								
Upper secondary	-0.31	0.9	0.7	0.6	0.6	0.6	0.6	0.6
Expenditure decomposition (broadly constant) : Transfers (7%) - Staff (64%) - Other (29%)								
Tertiary education	-0.24	0.8	0.7	0.6	0.6	0.6	0.6	0.6
Expenditure decomposition (broadly constant) : Transfers (14%) - Staff (42%) - Other (44%)								
Number of students (in thousands)								
Total	-502	1062	866	829	778	658	591	560
as % of population 5-24	4%	73%	73%	76%	76%	75%	76%	77%
Primary	-91	229	217	219	189	154	150	138
Low secondary	-154	329	252	260	247	199	181	174
Upper secondary	-160	306	227	203	209	178	150	146
Tertiary education	-96	198	170	147	133	127	111	102
Number of teachers (in thousands)								
Total	-33	69	55	53	50	42	38	36
Primary	-5	12	12	12	10	8	8	7
Low secondary	-11	24	18	19	18	15	13	13
Upper secondary	-11	21	16	14	14	12	10	10
Tertiary education	-6	11	10	9	8	7	6	6

Education spending as % of GDP - Higher compensation per teacher (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.16	-0.1	0.0	0.0	0.0	0.0	0.0	0.0

Education spending as % of GDP - Higher ratio teachers/students (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.24	0.0	0.2	0.2	0.3	0.2	0.2	0.3

Education spending as % of GDP - Higher attainment rates in tertiary education (45% by 2020) (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.16	0.3	0.5	0.5	0.5	0.5	0.5	0.5

Unemployment benefit

Unemployment benefit - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Unemployment benefit spending as % of GDP	-0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

LEGENDA:

*** The potential GDP and its components is used to estimate the rate of potential output growth, net of normal cyclical variations**

(1) Share of older population = Population aged 55 to 64 as % of population aged 15-64

(2) Old-age dependency ratio = Population aged 65 and over as a percentage of the population aged 15-64

(3) Total dependency ratio = Population under 15 and over 64 as a percentage of the population aged 15-64

(4) Total economic dependency ratio = Total population less employed as % of employed population 15-64

(5) Economic old-age dependency ratio (15-64) = Inactive population aged 65+ as % of employed population 15-64

NB: : = data not provided

Source : Commission Services (DG ECFIN), Eurostat (EUROPOP2008), EPC (AWG).

Finland EC-EPC (AWG) 2009 projections

Main demographic and macroeconomic assumptions

Demographic projections - EUROPOP2008 (EUROSTAT)	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Fertility rate	0.0	1.84	1.84	1.84	1.84	1.84	1.84	1.84
Life expectancy at birth								
males	8.2	76.1	77.4	78.3	79.9	81.5	83.0	84.3
females	6.2	83.0	84.0	84.7	85.9	87.1	88.2	89.3
Life expectancy at 65								
males	5.2	16.6	17.4	17.9	18.9	19.9	20.9	21.8
females	4.7	20.7	21.3	21.8	22.8	23.7	24.5	25.4
Net migration (thousand)	-5.2	9.7	9.5	7.8	5.8	4.8	4.9	4.5
Net migration as % of population	-0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1
Population (million)	0.1	5.3	5.4	5.5	5.6	5.5	5.4	5.4
Children population (0-14) as % of total population	-1.1	16.9	16.4	16.6	16.3	15.6	15.7	15.7
Prime age population (25-54) as % of total population	-5.3	40.0	37.9	36.9	35.6	34.9	34.6	34.6
Working age population (15-64) as % of total population	-10.2	66.6	63.4	61.0	58.2	58.2	57.5	56.4
Elderly population (65 and over) as % of total population	11.3	16.5	20.1	22.4	25.5	26.2	26.8	27.8
Very elderly population (80 and over) as % of total population	6.5	4.3	5.1	5.6	8.2	10.1	10.8	10.8
Very elderly population (80 and over) as % of elderly population	12.6	26.2	25.4	25.2	32.0	38.7	40.2	38.8
Very elderly population (80 and over) as % of working age population	12.6	6.5	8.1	9.3	14.1	17.4	18.7	19.1
Macroeconomic assumptions*	AVG 07-60	2007	2015	2020	2030	2040	2050	2060
Potential GDP (growth rate)	1.7	3.4	1.9	1.7	1.5	1.6	1.5	1.5
Employment (growth rate)	-0.1	1.2	-0.1	-0.1	-0.2	-0.1	-0.2	-0.2
Labour input : hours worked (growth rate)	-0.1	0.8	-0.1	-0.1	-0.2	-0.1	-0.2	-0.2
Labour productivity per hour (growth rate)	1.8	2.5	2.0	1.8	1.7	1.7	1.7	1.7
TFP (growth rate)	1.2	2.0	1.2	1.1	1.1	1.1	1.1	1.1
Capital deepening (contribution to labour productivity growth)	0.6	0.5	0.8	0.7	0.6	0.6	0.6	0.6
GDP per capita (growth rate)	1.7	3.0	1.6	1.5	1.4	1.7	1.6	1.6
GDP per worker (growth rate)	1.8	2.2	2.0	1.8	1.7	1.7	1.7	1.7
GDP in 2007 prices (in millions euros)		178.8	217.5	238.1	276.0	322.8	375.8	433.8
Labour force assumptions	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Working age population (15-64) (in thousands)	-458	3507	3444	3354	3239	3211	3133	3049
Population growth (working age:15-64)	-0.3	0.0	-0.6	-0.5	-0.3	-0.1	-0.3	-0.3
Labour force 15-64 (thousands)	-247	2660	2652	2628	2545	2531	2479	2412
Participation rate (15-64)	3.3	75.8	77.0	78.4	78.6	78.8	79.1	79.1
young (15-24)	1.1	54.4	56.8	56.0	55.3	55.7	56.0	55.5
prime-age (25-54)	2.1	88.1	88.8	89.2	89.8	90.1	90.1	90.1
older (55-64)	8.3	59.4	61.9	66.5	66.1	67.8	68.5	67.7
Participation rate (15-64) - FEMALES	4.0	74.1	75.2	77.1	77.4	77.8	78.1	78.1
young (15-24)	1.5	53.6	56.3	55.6	55.0	55.3	55.6	55.1
prime-age (25-54)	2.7	85.6	86.2	86.7	87.8	88.3	88.2	88.3
older (55-64)	9.5	59.4	61.5	67.9	66.5	68.6	69.8	68.9
Participation rate (15-64) - MALES	2.6	77.5	78.8	79.6	79.7	79.7	80.0	80.1
young (15-24)	0.7	55.2	57.3	56.4	55.6	56.1	56.4	55.8
prime-age (25-54)	1.5	90.4	91.2	91.5	91.7	91.8	91.9	91.9
older (55-64)	7.0	59.5	62.4	65.1	65.6	66.9	67.3	66.5
Employment rate (15-64)	4.0	70.5	72.5	73.8	74.0	74.2	74.5	74.6
Employment rate (20-64)	4.3	75.0	76.8	78.2	78.8	79.1	79.2	79.4
Employment rate (15-71)	2.1	65.0	64.8	65.8	66.7	67.7	67.3	67.1
Unemployment rate (15-64)	-1.2	7.0	5.8	5.8	5.8	5.8	5.8	5.8
Employment (15-64) (in millions)	-0.2	2.5	2.5	2.5	2.4	2.4	2.3	2.3
share of young (15-24)	0%	12%	13%	12%	12%	13%	12%	12%
share of prime-age (25-54)	-1%	72%	70%	70%	71%	70%	69%	71%
share of older (55-64)	1%	16%	18%	18%	17%	18%	18%	17%
Dependency ratios:	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Share of older population (55-64) (1)	-1.6	21.3	21.6	21.5	19.7	20.6	21.1	19.7
Old-age dependency ratio (2)	25	25	32	37	44	45	47	49
Total dependency ratio (3)	27	50	58	64	72	72	74	77
Total economic dependency ratio (4)	24	110	115	120	129	129	130	134
Economic old-age dependency ratio (15-64) (5)	29	34	42	47	56	58	59	63

Pension expenditure projections

Baseline scenario as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	3.3	10.0	11.8	12.6	13.9	13.6	13.3	13.4
Old-age and early pensions, gross	4.5	7.5	9.5	10.5	12.1	11.9	11.7	12.0
Of which : earnings-related pensions, gross	4.7	6.6	8.8	9.8	11.4	11.3	11.1	11.3
Other pensions (disability, survivors), gross	-1.2	2.5	2.3	2.1	1.9	1.7	1.6	1.4
Occupational pensions, gross	:	:	:	:	:	:	:	:
Private mandatory pensions, gross	:	:	:	:	:	:	:	:
Social security pensions, net	2.7	8.2	9.7	10.4	11.4	11.2	10.9	11.0
Social security pensions, contributions	2.2	9.3	10.1	10.5	11.3	11.4	11.4	11.5
Social security pensions, assets	-5.2	67.9	72.7	75.9	73.8	68.1	65.2	62.7

Additional indicators	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, net/social sec. Pensions, gross, %	0.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
Pensioners (social security, in 1000 persons)	417	1331	1503	1609	1742	1735	1724	1748
Pensioners aged 65+ (1000 pers)	604.7	866	1093	1219	1393	1406	1422	1471
Share of pensioners below age 65 as % of all pensioners	-19%	35%	27%	24%	20%	19%	18%	16%
Average gross pension (social security - € 1000 in 2007 prices)	19.7	13.5	17.0	18.7	22.1	25.4	28.9	33.2
Benefit ratio (Social security pensions)	-2.3	49.1	52.0	52.1	51.7	50.2	48.3	46.9
Gross replacement rate at retirement (social security pensions)	:	:	:	:	:	:	:	:
Contributors (social security pensions, in 1000 persons)	-142	2376	2438	2427	2355	2331	2295	2233
Support ratio (contributors/100 pensioners, social security pensions)	-50.7	178	162	151	135	134	133	128
High life expectancy as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.1	0.0	0.0	0.0	0.1	0.1	0.2	0.1
Old-age and early pensions, gross	0.2	0.0	0.0	0.0	0.1	0.2	0.2	0.2
High labour productivity as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.4	0.0	0.0	-0.1	-0.3	-0.4	-0.4	-0.4
Old-age and early pensions, gross	-0.4	0.0	0.0	-0.1	-0.2	-0.3	-0.4	-0.4
Zero migration as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.6	0.0	0.2	0.3	0.6	0.7	0.7	0.6
Old-age and early pensions, gross	0.5	0.0	0.1	0.3	0.5	0.6	0.6	0.5
High employment rate (1 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.1	0.0	-0.1	-0.2	-0.2	-0.1	-0.1	-0.1
Old-age and early pensions, gross	0.0	0.0	-0.1	-0.1	-0.1	-0.1	0.0	0.0
High older workers empl. Rate (5 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.1	0.0	-0.1	-0.2	-0.2	-0.1	-0.1	-0.1
Old-age and early pensions, gross	0.0	0.0	-0.1	-0.1	-0.1	-0.1	0.0	0.0
Decomposition of the increase (in p.p.) in pension expenditure (social security) - selected years	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Social security pensions, gross as % of GDP	3.2	10.2	11.8	12.6	13.9	13.6	13.3	13.4
Social security pensions, gross as % of GDP - p.p. ch. from 2007 due to :		0.2	1.7	2.6	3.9	3.6	3.2	3.3
Dependency ratio	8.7	0.0	2.8	4.7	7.1	7.5	7.9	8.7
Coverage ratio	-3.2	0.1	-1.0	-1.6	-2.4	-2.7	-2.9	-3.1
Employment effect	-0.5	-0.1	-0.3	-0.5	-0.5	-0.6	-0.6	-0.6
Benefit ratio	-1.0	0.2	0.5	0.6	0.4	0.0	-0.5	-0.9
Interaction effect (residual)	-0.8	0.0	-0.3	-0.5	-0.7	-0.6	-0.7	-0.7
over selected time periods	2007-2060		2007-2015	2015-2020	2025-2030	2035-2040	2045-2050	2055-2060
Social security pensions, gross as % of GDP	3.3		1.73	0.87	0.52	-0.31	-0.11	0.08
Dependency ratio	8.7		2.82	1.86	1.07	-0.19	0.32	0.50
Coverage ratio	-3.1		-1.03	-0.60	-0.39	0.04	-0.12	-0.17
Employment effect	-0.6		-0.28	-0.20	-0.02	0.03	-0.03	-0.03
Benefit ratio	-0.9		0.53	0.02	-0.10	-0.24	-0.25	-0.18
Interaction effect (residual)	-0.74		-0.32	-0.21	-0.05	0.06	-0.03	-0.03

Health care

Health care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	1.0	5.5	5.8	6.0	6.3	6.5	6.5	6.5
Pure ageing scenario	1.4	5.5	5.8	6.0	6.5	6.7	6.8	6.9
Labour intensity scenario	2.0	5.5	5.9	6.2	6.9	7.2	7.3	7.5
Constant health scenario	0.2	5.5	5.6	5.7	5.8	5.9	5.8	5.7
Fast cost growth scenario	1.8	5.5	6.2	6.5	6.9	7.2	7.3	7.3
Cost convergence scenario	:	:	:	:	:	:	:	:
Death-related cost scenario	1.1	5.5	5.7	5.9	6.3	6.5	6.5	6.6
Income elasticity scenario	1.7	5.5	5.9	6.2	6.7	7.0	7.1	7.2

Long-term care

Long-term care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	2.6	1.8	2.2	2.4	3.1	3.9	4.2	4.4
Pure demographic scenario	2.7	1.8	2.2	2.4	3.1	4.0	4.2	4.5
GDP per capita scenario	2.3	1.8	2.1	2.3	2.9	3.7	3.9	4.1
Constant disability scenario	2.5	1.8	2.2	2.4	3.0	3.8	4.1	4.2
GDP per worker fast growth scenario	3.1	1.8	2.3	2.7	3.4	4.4	4.7	4.9
Shift 1% of dependents from informal to home care scenario	2.9	1.8	2.3	2.6	3.3	4.2	4.5	4.7
Shift 1% of dependents from informal to institutional care scenario	3.8	1.8	2.7	3.1	4.0	5.0	5.3	5.6
Shift 1% of dependents from informal to home/institutional care scenario	3.3	1.8	2.5	2.8	3.7	4.6	4.9	5.1

Number of dependent people (in thousands)	% Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	84%	274	338	378	458	492	495	505
of which: receiving formal care	141%	*107*	*133*	*151*	*198*	*244*	*254*	*257*
relying on informal or no care	48%	*168*	*204*	*227*	*261*	*248*	*242*	*248*
Pure demographic scenario	91%	274	340	381	467	505	511	525
of which: receiving formal care	149%	*107*	*134*	*152*	*201*	*249*	*260*	*265*
relying on informal or no care	55%	*168*	*206*	*229*	*266*	*256*	*251*	*260*
Constant disability scenario	77%	274	336	374	449	479	480	484
of which: receiving formal care	134%	*107*	*133*	*149*	*194*	*239*	*248*	*249*
relying on informal or no care	40%	*168*	*203*	*225*	*255*	*240*	*232*	*235*
Shift 1% of dependents from informal to home scenario	91%	274	340	381	467	505	511	525
of which: receiving formal care	198%	*107*	*161*	*190*	*248*	*300*	*311*	*318*
relying on informal or no care	24%	*168*	*179*	*191*	*220*	*206*	*200*	*208*

Education

Education spending as % of GDP - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	-0.27	5.7	5.3	5.2	5.4	5.4	5.3	5.4
Expenditure decomposition (broadly constant) : Transfers (8%) - Staff (56%) - Other (37%)								
Primary	0.01	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Expenditure decomposition (broadly constant) : Transfers (0%) - Staff (61%) - Other (39%)								
Low secondary	-0.08	1.1	0.9	1.0	1.0	1.0	1.0	1.0
Expenditure decomposition (broadly constant) : Transfers (0%) - Staff (62%) - Other (38%)								
Upper secondary	-0.02	1.5	1.4	1.4	1.5	1.5	1.4	1.5
Expenditure decomposition (broadly constant) : Transfers (8%) - Staff (53%) - Other (39%)								
Tertiary education	-0.18	1.9	1.7	1.7	1.7	1.7	1.7	1.7
Expenditure decomposition (broadly constant) : Transfers (17%) - Staff (51%) - Other (32%)								
Number of students (in thousands)								
Total	-122	1218	1150	1143	1160	1136	1101	1096
as % of population 5-24	-1%	96%	93%	95%	94%	94%	95%	95%
Primary	-22	365	352	364	369	347	341	343
Low secondary	-27	203	178	183	190	185	174	177
Upper secondary	-28	354	341	329	341	341	328	326
Tertiary education	-46	296	280	267	259	263	258	250
Number of teachers (in thousands)								
Total	-8	81	76	76	78	76	73	73
Primary	-1	24	23	24	25	23	23	23
Low secondary	-3	21	18	19	20	19	18	18
Upper secondary	-2	22	22	21	22	22	21	21
Tertiary education	-2	14	13	12	12	12	12	12

Education spending as % of GDP - Higher compensation per teacher (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.08	0.0	0.0	0.1	0.1	0.1	0.1	0.1

Education spending as % of GDP - Higher ratio teachers/students (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.58	0.0	0.3	0.5	0.6	0.6	0.6	0.6

Education spending as % of GDP - Higher attainment rates in tertiary education (45% by 2020) (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.27	0.2	0.5	0.5	0.5	0.5	0.5	0.5

Unemployment benefit

Unemployment benefit - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Unemployment benefit spending as % of GDP	-0.2	1.2	1.0	1.0	1.0	1.0	1.0	1.0

LEGENDA:

*** The potential GDP and its components is used to estimate the rate of potential output growth, net of normal cyclical variations**

(1) Share of older population = Population aged 55 to 64 as % of population aged 15-64

(2) Old-age dependency ratio = Population aged 65 and over as a percentage of the population aged 15-64

(3) Total dependency ratio = Population under 15 and over 64 as a percentage of the population aged 15-64

(4) Total economic dependency ratio = Total population less employed as % of employed population 15-64

(5) Economic old-age dependency ratio (15-64) = Inactive population aged 65+ as % of employed population 15-64

NB: : = data not provided

Source : Commission Services (DG ECFIN), Eurostat (EUROPOP2008), EPC (AWG).

Sweden EC-EPC (AWG) 2009 projections

Main demographic and macroeconomic assumptions

Demographic projections - EUROPOP2008 (EUROSTAT)	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Fertility rate	0.0	1.85	1.85	1.85	1.85	1.85	1.85	1.85
Life expectancy at birth								
males	6.5	79.0	79.9	80.6	81.9	83.1	84.3	85.4
females	6.2	83.1	84.1	84.7	86.0	87.2	88.3	89.3
Life expectancy at 65								
males	4.7	17.4	18.1	18.6	19.5	20.4	21.3	22.2
females	4.8	20.5	21.2	21.7	22.6	23.6	24.4	25.3
Net migration (thousand)	-31.1	46.8	33.3	26.9	20.2	17.2	16.7	15.8
Net migration as % of population	-0.4	0.5	0.3	0.3	0.2	0.2	0.2	0.1
Population (million)	1.7	9.2	9.6	9.9	10.3	10.5	10.7	10.9
Children population (0-14) as % of total population	-0.3	16.8	17.0	17.4	17.3	16.2	16.3	16.5
Prime age population (25-54) as % of total population	-3.8	39.4	39.1	39.2	36.5	36.5	35.2	35.6
Working age population (15-64) as % of total population	-8.7	65.7	63.1	61.8	60.2	59.5	59.0	56.9
Elderly population (65 and over) as % of total population	9.1	17.5	19.9	20.8	22.5	24.3	24.7	26.6
Very elderly population (80 and over) as % of total population	4.7	5.3	5.2	5.4	7.6	8.4	9.5	10.0
Very elderly population (80 and over) as % of elderly population	7.2	30.5	26.2	26.0	33.9	34.6	38.5	37.8
Very elderly population (80 and over) as % of working age population	9.5	8.1	8.3	8.8	12.7	14.1	16.2	17.6
Macroeconomic assumptions*	AVG 07-60	2007	2015	2020	2030	2040	2050	2060
Potential GDP (growth rate)	1.9	3.5	2.2	1.9	1.7	1.9	1.7	1.7
Employment (growth rate)	0.2	1.7	0.4	0.1	0.1	0.2	0.0	0.0
Labour input : hours worked (growth rate)	0.2	1.6	0.4	0.1	0.0	0.2	0.0	0.0
Labour productivity per hour (growth rate)	1.7	1.8	1.8	1.8	1.7	1.7	1.7	1.7
TFP (growth rate)	1.1	1.6	1.1	1.1	1.1	1.1	1.1	1.1
Capital deepening (contribution to labour productivity growth)	0.6	0.3	0.7	0.7	0.6	0.6	0.6	0.6
GDP per capita (growth rate)	1.6	2.8	1.6	1.4	1.4	1.7	1.5	1.5
GDP per worker (growth rate)	1.7	1.8	1.8	1.8	1.7	1.7	1.7	1.7
GDP in 2007 prices (in millions euros)		332.0	403.3	445.4	534.9	639.4	765.9	899.7
Labour force assumptions	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Working age population (15-64) (in thousands)	211	5982	6053	6085	6180	6230	6294	6193
Population growth (working age:15-64)	-1.1	1.0	-0.1	0.2	-0.1	0.1	0.0	0.0
Labour force 15-64 (thousands)	372	4737	4957	5001	5059	5109	5187	5109
Participation rate (15-64)	3.3	79.2	81.9	82.2	81.9	82.0	82.4	82.5
young (15-24)	4.7	51.8	60.1	56.3	56.6	56.7	57.4	56.5
prime-age (25-54)	2.2	90.0	90.7	91.3	91.9	92.1	92.2	92.2
older (55-64)	3.4	73.2	75.0	75.5	75.5	76.0	77.1	76.6
Participation rate (15-64) - FEMALES	4.0	76.8	79.5	79.8	79.7	80.2	80.5	80.8
young (15-24)	4.9	52.2	60.4	56.9	57.2	57.2	57.9	57.0
prime-age (25-54)	3.7	87.1	88.2	89.1	90.2	90.6	90.7	90.8
older (55-64)	1.9	69.8	70.4	69.8	69.6	70.5	72.2	71.7
Participation rate (15-64) - MALES	2.7	81.5	84.2	84.5	83.9	83.8	84.2	84.1
young (15-24)	4.5	51.4	59.9	55.8	56.1	56.1	57.0	55.9
prime-age (25-54)	0.7	92.9	93.2	93.3	93.6	93.5	93.6	93.6
older (55-64)	4.9	76.6	79.5	81.1	81.3	81.4	81.8	81.5
Employment rate (15-64)	3.3	74.3	77.0	77.3	77.0	77.1	77.5	77.6
Employment rate (20-64)	3.1	80.2	81.8	82.4	82.5	83.0	82.8	83.3
Employment rate (15-71)	1.4	68.8	70.2	71.1	70.9	70.7	71.4	70.3
Unemployment rate (15-64)	-0.3	6.2	5.9	5.9	5.9	5.9	5.9	5.9
Employment (15-64) (in millions)	0.4	4.4	4.7	4.7	4.8	4.8	4.9	4.8
share of young (15-24)	1%	11%	13%	10%	12%	12%	11%	12%
share of prime-age (25-54)	1%	70%	70%	72%	69%	70%	68%	71%
share of older (55-64)	-2%	19%	18%	18%	19%	18%	21%	17%
Dependency ratios:	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Share of older population (55-64) (1)	-1.9	20.2	18.7	19.1	20.2	18.7	21.5	18.3
Old-age dependency ratio (2)	20	27	32	34	37	41	42	47
Total dependency ratio (3)	23	52	58	62	66	68	70	76
Total economic dependency ratio (4)	20	102	102	106	112	114	115	122
Economic old-age dependency ratio (15-64) (5)	22	34	37	40	45	49	50	56

Pension expenditure projections

Baseline scenario as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.1	9.5	9.5	9.4	9.5	9.4	9.0	9.4
Old-age and early pensions, gross	1.2	7.0	7.3	7.3	7.6	7.8	7.6	8.2
Of which : earnings-related pensions, gross	0.2	6.0	6.6	6.5	6.5	6.4	6.0	6.2
Other pensions (disability, survivors), gross	-1.3	2.6	2.2	2.1	1.9	1.6	1.5	1.2
Occupational pensions, gross	0.9	2.4	2.9	3.1	3.5	3.5	3.2	3.3
Private mandatory pensions, gross	1.4	0.0	0.2	0.3	0.7	1.1	1.3	1.4
Social security pensions, net	-0.1	6.9	6.8	6.8	6.9	6.8	6.6	6.9
Social security pensions, contributions	-0.3	6.3	6.1	6.1	6.1	6.0	6.0	6.0
Social security pensions, assets	11.2	29.3	30.0	30.0	31.0	31.5	35.4	40.5

Additional indicators	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, net/social sec. Pensions, gross, %	0.4	72.5	72.1	72.5	72.9	73.2	73.2	73.0
Pensioners (social security, in 1000 persons)	1640	2167	2494	2716	3117	3400	3552	3807
Pensioners aged 65+ (1000 pers)	1754.7	1715	2095	2322	2731	3035	3177	3470
Share of pensioners below age 65 as % of all pensioners	-12%	21%	16%	15%	12%	11%	11%	9%
Average gross pension (social security - € 1000 in 2007 prices)	7.6	14.6	15.3	15.4	16.3	17.6	19.5	22.2
Benefit ratio (Social security pensions)	-19.1	49.3	44.7	41.0	36.6	33.5	31.4	30.1
Gross replacement rate at retirement (social security pensions)	-17.9	49.1	40.4	37.0	35.8	33.1	31.6	31.2
Contributors (social security pensions, in 1000 persons)	279	5569	5692	5693	5761	5801	5923	5849
Support ratio (contributors/100 pensioners, social security pensions)	-103.3	257	228	210	185	171	167	154
High life expectancy as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.2	0.0	0.0	0.0	0.0	0.1	0.1	0.2
Old-age and early pensions, gross	0.2	0.0	0.0	0.0	0.0	0.1	0.1	0.2
High labour productivity as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.1	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1
Old-age and early pensions, gross	-0.1	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1
Zero migration as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.7	0.0	0.3	0.4	0.7	1.0	0.9	0.7
Old-age and early pensions, gross	0.8	0.0	0.2	0.3	0.6	1.0	0.9	0.8
High employment rate (1 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.1	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1
Old-age and early pensions, gross	-0.1	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1
High older workers empl. Rate (5 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.2	0.0	0.0	-0.1	-0.1	-0.1	-0.2	-0.2
Old-age and early pensions, gross	-0.1	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1
Decomposition of the increase (in p.p.) in pension expenditure (social security) - selected years	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Social security pensions, gross as % of GDP	-0.2	9.6	9.5	9.4	9.5	9.4	9.0	9.4
Social security pensions, gross as % of GDP - p.p. ch. from 2007 due to :		0.0	0.0	-0.1	0.0	-0.2	-0.5	-0.1
Dependency ratio	5.5	0.1	1.8	2.5	3.5	4.3	4.6	5.6
Coverage ratio	-0.3	0.0	-0.4	-0.3	-0.2	-0.2	-0.2	-0.4
Employment effect	-0.4	-0.1	-0.3	-0.4	-0.3	-0.4	-0.4	-0.4
Benefit ratio	-4.4	0.0	-0.7	-1.5	-2.6	-3.4	-4.0	-4.3
Interaction effect (residual)	-0.6	0.0	-0.4	-0.4	-0.5	-0.5	-0.5	-0.6
over selected time periods	2007-2060		2007-2015	2015-2020	2025-2030	2035-2040	2045-2050	2055-2060
Social security pensions, gross as % of GDP	-0.1		-0.04	-0.08	0.06	-0.10	-0.09	0.16
Dependency ratio	5.6		1.82	0.66	0.52	0.28	0.18	0.57
Coverage ratio	-0.4		-0.44	0.12	0.07	0.03	0.03	-0.20
Employment effect	-0.4		-0.34	-0.04	0.01	-0.01	-0.01	-0.03
Benefit ratio	-4.3		-0.73	-0.76	-0.51	-0.40	-0.28	-0.14
Interaction effect (residual)	-0.63		-0.36	-0.07	-0.04	0.00	-0.01	-0.05

Health care

Health care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	0.8	7.2	7.4	7.5	7.7	7.9	8.0	8.0
Pure ageing scenario	0.9	7.2	7.4	7.5	7.7	7.9	8.0	8.1
Labour intensity scenario	1.7	7.2	7.4	7.6	8.1	8.4	8.6	8.9
Constant health scenario	0.0	7.2	7.2	7.2	7.3	7.3	7.3	7.2
Fast cost growth scenario	1.5	7.2	7.9	8.0	8.3	8.5	8.6	8.7
Cost convergence scenario	:	:	:	:	:	:	:	:
Death-related cost scenario	0.7	7.2	7.2	7.3	7.5	7.7	7.8	7.9
Income elasticity scenario	1.3	7.2	7.5	7.6	7.9	8.2	8.4	8.5

Long-term care

Long-term care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	2.3	3.5	3.5	3.7	4.4	5.0	5.3	5.8
Pure demographic scenario	2.6	3.5	3.5	3.7	4.6	5.1	5.5	6.0
GDP per capita scenario	2.0	3.5	3.5	3.6	4.3	4.8	5.2	5.5
Constant disability scenario	2.0	3.5	3.5	3.6	4.3	4.8	5.1	5.5
GDP per worker fast growth scenario	3.2	3.5	3.8	4.1	5.0	5.6	6.1	6.7
Shift 1% of dependents from informal to home care scenario	2.8	3.5	3.7	3.9	4.8	5.3	5.8	6.3
Shift 1% of dependents from informal to institutional care scenario	3.4	3.5	3.9	4.2	5.2	5.8	6.3	6.9
Shift 1% of dependents from informal to home/institutional care scenario	3.1	3.5	3.8	4.0	5.0	5.6	6.1	6.6

Number of dependent people (in thousands)	% Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	89%	312	340	368	453	508	548	589
of which: receiving formal care	101%	*318*	*341*	*368*	*469*	*536*	*588*	*638*
relying on informal or no care	0%	*0*	*0*	*0*	*0*	*0*	*0*	*0*
Pure demographic scenario	105%	312	345	377	473	536	587	639
of which: receiving formal care	113%	*318*	*345*	*375*	*484*	*558*	*619*	*677*
relying on informal or no care	0%	*0*	*0*	*2*	*0*	*0*	*0*	*0*
Constant disability scenario	73%	312	335	359	434	479	508	539
of which: receiving formal care	88%	*318*	*338*	*362*	*454*	*515*	*557*	*599*
relying on informal or no care	0%	*0*	*0*	*0*	*0*	*0*	*0*	*0*
Shift 1% of dependents from informal to home scenario	105%	312	345	377	473	536	587	639
of which: receiving formal care	133%	*318*	*373*	*413*	*532*	*612*	*678*	*741*
relying on informal or no care	0%	*0*	*0*	*0*	*0*	*0*	*0*	*0*

Education

Education spending as % of GDP - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	-0.28	6.0	5.5	5.5	5.7	5.7	5.6	5.8
Expenditure decomposition (broadly constant) : Transfers (12%) - Staff (56%) - Other (32%)								
Primary	0.17	1.6	1.7	1.7	1.8	1.7	1.7	1.8
Expenditure decomposition (broadly constant) : Transfers (0%) - Staff (67%) - Other (33%)								
Low secondary	-0.12	1.1	0.8	0.9	1.0	1.0	0.9	1.0
Expenditure decomposition (broadly constant) : Transfers (2%) - Staff (65%) - Other (33%)								
Upper secondary	-0.15	1.5	1.3	1.3	1.4	1.4	1.3	1.4
Expenditure decomposition (broadly constant) : Transfers (16%) - Staff (51%) - Other (33%)								
Tertiary education	-0.19	1.8	1.7	1.5	1.5	1.6	1.6	1.6
Expenditure decomposition (broadly constant) : Transfers (26%) - Staff (44%) - Other (29%)								
Number of students (in thousands)								
Total	100	2055	1945	1994	2104	2119	2089	2155
as % of population 5-24	-3%	93%	87%	91%	88%	89%	90%	90%
Primary	132	667	723	756	800	757	768	799
Low secondary	-12	415	333	374	396	403	382	402
Upper secondary	-9	569	493	496	539	569	542	560
Tertiary education	-11	404	397	369	370	389	396	394
Number of teachers (in thousands)								
Total	8	155	147	151	159	160	158	163
Primary	11	54	59	62	65	62	63	65
Low secondary	-1	35	28	31	33	34	32	34
Upper secondary	-1	35	30	31	33	35	33	34
Tertiary education	-1	30	30	28	28	29	30	30

Education spending as % of GDP - Higher compensation per teacher (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.06	0.0	0.0	0.0	0.0	0.1	0.0	0.0

Education spending as % of GDP - Higher ratio teachers/students (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.61	0.0	0.3	0.6	0.6	0.6	0.6	0.6

Education spending as % of GDP - Higher attainment rates in tertiary education (45% by 2020) (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.11	0.1	0.2	0.2	0.2	0.2	0.2	0.2

Unemployment benefit

Unemployment benefit - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Unemployment benefit spending as % of GDP	-0.1	0.9	0.9	0.9	0.9	0.9	0.9	0.9

LEGENDA:

*** The potential GDP and its components is used to estimate the rate of potential output growth, net of normal cyclical variations**

(1) Share of older population = Population aged 55 to 64 as % of population aged 15-64

(2) Old-age dependency ratio = Population aged 65 and over as a percentage of the population aged 15-64

(3) Total dependency ratio = Population under 15 and over 64 as a percentage of the population aged 15-64

(4) Total economic dependency ratio = Total population less employed as % of employed population 15-64

(5) Economic old-age dependency ratio (15-64) = Inactive population aged 65+ as % of employed population 15-64

NB: : = data not provided

Source : Commission Services (DG ECFIN), Eurostat (EUROPOP2008), EPC (AWG).

United-Kingdom EC-EPC (AWG) 2009 projections

Main demographic and macroeconomic assumptions

Demographic projections - EUROPOP2008 (EUROSTAT)	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Fertility rate	0.0	1.84	1.84	1.84	1.84	1.84	1.84	1.84
Life expectancy at birth								
males	7.7	77.4	78.6	79.4	80.9	82.4	83.8	85.0
females	7.4	81.5	82.7	83.5	85.0	86.4	87.7	88.9
Life expectancy at 65								
males	5.3	16.9	17.6	18.2	19.2	20.3	21.2	22.1
females	5.6	19.5	20.3	20.9	22.1	23.1	24.1	25.1
Net migration (thousand)	-74.6	188.2	174.3	165.7	150.9	138.0	126.3	113.6
Net migration as % of population	-0.2	0.3	0.3	0.3	0.2	0.2	0.2	0.1
Population (million)	15.4	61.3	63.8	65.7	69.2	72.0	74.5	76.7
Children population (0-14) as % of total population	-1.0	17.5	17.3	17.7	17.6	16.8	16.6	16.6
Prime age population (25-54) as % of total population	-4.5	41.1	41.2	40.4	38.2	38.1	36.8	36.7
Working age population (15-64) as % of total population	-7.7	66.4	65.1	64.0	61.8	60.8	60.5	58.7
Elderly population (65 and over) as % of total population	8.6	16.1	17.6	18.3	20.5	22.4	23.0	24.7
Very elderly population (80 and over) as % of total population	4.5	4.5	4.8	5.0	6.3	7.3	8.9	9.0
Very elderly population (80 and over) as % of elderly population	8.2	28.1	27.0	27.2	30.5	32.4	38.9	36.3
Very elderly population (80 and over) as % of working age population	8.5	6.8	7.3	7.8	10.1	11.9	14.8	15.3
Macroeconomic assumptions*	AVG 07-60	2007	2015	2020	2030	2040	2050	2060
Potential GDP (growth rate)	2.1	2.7	2.4	2.0	2.1	2.1	1.9	1.8
Employment (growth rate)	0.3	0.7	0.5	0.2	0.4	0.5	0.2	0.1
Labour input : hours worked (growth rate)	0.3	0.2	0.5	0.2	0.4	0.5	0.2	0.1
Labour productivity per hour (growth rate)	1.8	2.5	1.9	1.8	1.7	1.7	1.7	1.7
TFP (growth rate)	1.1	1.4	1.1	1.1	1.1	1.1	1.1	1.1
Capital deepening (contribution to labour productivity growth)	0.7	1.1	0.8	0.7	0.6	0.6	0.6	0.6
GDP per capita (growth rate)	1.6	1.2	1.8	1.4	1.6	1.8	1.6	1.5
GDP per worker (growth rate)	1.8	2.0	1.9	1.8	1.7	1.7	1.7	1.7
GDP in 2007 prices (in millions euros)		2018.8	2461.5	2738.2	3351.7	4121.4	5056.1	6028.1
Labour force assumptions	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Working age population (15-64) (in thousands)	4602	40409	41508	42025	42811	43778	45047	45011
Population growth (working age:15-64)	-1.0	1.1	0.2	0.3	0.0	0.4	0.0	0.1
Labour force 15-64 (thousands)	4873	30536	31931	32427	33159	34362	35386	35409
Participation rate (15-64)	3.1	75.6	76.9	77.2	77.5	78.5	78.6	78.7
young (15-24)	0.4	62.0	63.8	63.1	62.4	62.6	62.8	62.4
prime-age (25-54)	1.3	84.5	84.9	85.1	85.7	85.8	85.8	85.9
older (55-64)	11.4	59.7	62.6	64.1	65.8	70.3	71.3	71.1
Participation rate (15-64) - FEMALES	5.4	69.0	71.5	72.2	73.3	74.4	74.4	74.4
young (15-24)	0.4	59.0	60.8	60.2	59.6	59.7	59.9	59.5
prime-age (25-54)	3.0	77.6	78.7	79.2	80.3	80.7	80.6	80.6
older (55-64)	18.5	50.4	57.1	60.1	64.6	68.4	69.1	68.9
Participation rate (15-64) - MALES	0.6	82.1	82.4	82.2	81.6	82.5	82.6	82.8
young (15-24)	0.3	64.8	66.7	65.9	65.1	65.3	65.6	65.0
prime-age (25-54)	-0.7	91.6	91.1	91.0	91.0	90.8	91.0	90.9
older (55-64)	4.1	69.4	68.3	68.4	67.2	72.1	73.4	73.4
Employment rate (15-64)	2.9	71.5	72.7	73.0	73.2	74.2	74.3	74.4
Employment rate (20-64)	3.0	75.3	76.2	76.3	77.0	78.2	78.1	78.3
Employment rate (15-71)	2.4	66.6	66.9	67.3	67.3	68.8	69.5	69.0
Unemployment rate (15-64)	0.0	5.4	5.4	5.4	5.4	5.4	5.4	5.4
Employment (15-64) (in millions)	4.6	28.9	30.2	30.7	31.4	32.5	33.5	33.5
share of young (15-24)	-1%	15%	14%	13%	14%	14%	14%	14%
share of prime-age (25-54)	-1%	71%	71%	71%	69%	70%	68%	69%
share of older (55-64)	3%	14%	15%	16%	17%	16%	19%	17%
Dependency ratios:	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Share of older population (55-64) (1)	0.6	17.9	17.5	19.0	19.3	17.7	20.2	18.5
Old-age dependency ratio (2)	18	24	27	29	33	37	38	42
Total dependency ratio (3)	20	51	54	56	62	64	65	70
Total economic dependency ratio (4)	15	108	109	112	117	118	118	123
Economic old-age dependency ratio (15-64) (5)	19	32	35	36	42	46	46	51

Pension expenditure projections

Baseline scenario as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	2.7	6.6	6.8	6.9	7.6	8.0	8.1	9.3
Old-age and early pensions, gross	3.3	5.8	6.2	6.5	7.3	7.8	7.9	9.1
Of which : earnings-related pensions, gross	2.0	2.3	2.7	2.9	3.2	3.4	3.6	4.3
Other pensions (disability, survivors), gross	:	:	:	:	:	:	:	:
Occupational pensions, gross	:	:	:	:	:	:	:	:
Private mandatory pensions, gross	:	:	:	:	:	:	:	:
Social security pensions, net	:	:	:	:	:	:	:	:
Social security pensions, contributions	:	:	:	:	:	:	:	:
Social security pensions, assets	:	:	:	:	:	:	:	:

Additional indicators	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, net/social sec. Pensions, gross, %	:	:	:	:	:	:	:	:
Pensioners (social security, in 1000 persons)	7124	12139	13288	13575	15632	17329	17251	19263
Pensioners aged 65+ (1000 pers)	:	:	:	:	:	:	:	:
Share of pensioners below age 65 as % of all pensioners	:	:	:	:	:	:	:	:
Average gross pension (social security - € 1000 in 2007 prices)	18.1	10.9	12.6	14.0	16.3	19.1	23.6	29.0
Benefit ratio (Social security pensions)	2.5	34.6	34.5	34.9	34.5	34.2	35.8	37.1
Gross replacement rate at retirement (social security pensions)	:	:	:	:	:	:	:	:
Contributors (social security pensions, in 1000 persons)	:	:	:	:	:	:	:	:
Support ratio (contributors/100 pensioners, social security pensions)	:	:	:	:	:	:	:	:
High life expectancy as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.4	0.0	0.0	0.0	0.1	0.2	0.3	0.4
Old-age and early pensions, gross	0.4	0.0	0.0	0.0	0.1	0.2	0.3	0.4
High labour productivity as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
Old-age and early pensions, gross	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
Zero migration as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	2.3	0.0	0.2	0.4	0.9	1.6	2.2	2.3
Old-age and early pensions, gross	2.3	0.0	0.2	0.4	0.9	1.6	2.1	2.3
High employment rate (1 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.1	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1
Old-age and early pensions, gross	-0.1	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1
High older workers empl. Rate (5 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.1	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1
Old-age and early pensions, gross	-0.1	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1
Decomposition of the increase (in p.p.) in pension expenditure (social security) - selected years	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Social security pensions, gross as % of GDP	2.6	6.7	6.8	6.9	7.6	8.0	8.1	9.3
Social security pensions, gross as % of GDP - p.p. ch. from 2007 due to :		0.1	0.2	0.3	1.0	1.5	1.5	2.7
Dependency ratio	4.2	0.0	0.8	1.2	2.3	3.1	3.4	4.2
Coverage ratio	-1.5	0.0	-0.3	-0.6	-0.8	-1.0	-1.5	-1.4
Employment effect	-0.3	0.0	-0.1	-0.1	-0.2	-0.3	-0.3	-0.3
Benefit ratio	0.5	0.0	-0.1	0.0	-0.1	-0.2	0.2	0.5
Interaction effect (residual)	-0.3	0.0	-0.1	-0.1	-0.2	-0.2	-0.3	-0.3
over selected time periods	2007-2060		2007-2015	2015-2020	2025-2030	2035-2040	2045-2050	2055-2060
Social security pensions, gross as % of GDP	2.7		0.20	0.14	0.43	0.21	0.18	0.66
Dependency ratio	4.2		0.83	0.37	0.68	0.23	0.27	0.41
Coverage ratio	-1.4		-0.35	-0.29	-0.02	0.01	-0.22	0.12
Employment effect	-0.3		-0.12	-0.02	-0.04	-0.05	0.00	-0.01
Benefit ratio	0.5		-0.08	0.09	-0.13	0.01	0.19	0.14
Interaction effect (residual)	-0.34		-0.08	-0.01	-0.06	0.00	-0.06	0.00

Health care

Health care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	1.9	7.5	7.8	8.0	8.4	8.9	9.2	9.4
Pure ageing scenario	2.2	7.5	7.8	7.9	8.4	9.0	9.4	9.7
Labour intensity scenario	2.8	7.5	7.8	8.1	8.8	9.3	9.7	10.3
Constant health scenario	1.0	7.5	7.6	7.6	7.8	8.2	8.4	8.5
Fast cost growth scenario	2.9	7.5	8.4	8.5	9.0	9.6	10.0	10.4
Cost convergence scenario	:	:	:	:	:	:	:	:
Death-related cost scenario	1.1	7.5	7.5	7.6	8.0	8.4	8.6	8.6
Income elasticity scenario	2.6	7.5	7.9	8.1	8.7	9.3	9.8	10.1

Long-term care

Long-term care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	0.5	0.8	0.9	0.9	1.0	1.1	1.2	1.3
Pure demographic scenario	0.5	0.8	0.9	0.9	1.1	1.2	1.3	1.4
GDP per capita scenario	0.4	0.8	0.9	0.9	1.0	1.1	1.2	1.3
Constant disability scenario	0.4	0.8	0.9	0.9	1.0	1.1	1.2	1.3
GDP per worker fast growth scenario	0.7	0.8	0.9	1.0	1.2	1.3	1.4	1.5
Shift 1% of dependents from informal to home care scenario	0.6	0.8	0.9	0.9	1.1	1.2	1.3	1.4
Shift 1% of dependents from informal to institutional care scenario	0.7	0.8	0.9	1.0	1.1	1.3	1.4	1.5
Shift 1% of dependents from informal to home/institutional care scenario	0.6	0.8	0.9	1.0	1.1	1.2	1.3	1.4

Number of dependent people (in thousands)	% Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	99%	3094	3478	3721	4445	5157	5655	6156
of which: receiving formal care	136%	*1352*	*1521*	*1635*	*2011*	*2469*	*2896*	*3194*
relying on informal or no care	70%	*1741*	*1957*	*2087*	*2433*	*2689*	*2759*	*2962*
Pure demographic scenario	109%	3094	3508	3776	4555	5342	5892	6465
of which: receiving formal care	145%	*1352*	*1532*	*1654*	*2054*	*2540*	*2993*	*3314*
relying on informal or no care	81%	*1741*	*1976*	*2122*	*2502*	*2802*	*2899*	*3151*
Constant disability scenario	89%	3094	3448	3667	4334	4973	5418	5847
of which: receiving formal care	127%	*1352*	*1510*	*1615*	*1969*	*2397*	*2800*	*3074*
relying on informal or no care	59%	*1741*	*1938*	*2052*	*2365*	*2576*	*2618*	*2774*
Shift 1% of dependents from informal to home scenario	109%	3094	3508	3776	4555	5342	5892	6465
of which: receiving formal care	193%	*1352*	*1813*	*2032*	*2509*	*3074*	*3582*	*3960*
relying on informal or no care	44%	*1741*	*1695*	*1744*	*2046*	*2268*	*2310*	*2504*

Education

Education spending as % of GDP - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	-0.06	3.8	3.7	3.8	3.9	3.8	3.7	3.8
Expenditure decomposition (broadly constant) : Transfers (10%) - Staff (55%) - Other (35%)								
Primary	0.06	1.3	1.3	1.4	1.4	1.3	1.3	1.4
Expenditure decomposition (broadly constant) : Transfers (2%) - Staff (61%) - Other (37%)								
Low secondary	-0.01	0.6	0.5	0.6	0.6	0.6	0.5	0.6
Expenditure decomposition (broadly constant) : Transfers (2%) - Staff (62%) - Other (36%)								
Upper secondary	-0.06	0.8	0.7	0.7	0.7	0.7	0.7	0.7
Expenditure decomposition (broadly constant) : Transfers (1%) - Staff (64%) - Other (35%)								
Tertiary education	-0.05	1.2	1.2	1.1	1.2	1.2	1.1	1.2
Expenditure decomposition (broadly constant) : Transfers (27%) - Staff (41%) - Other (33%)								
Number of students (in thousands)								
Total	1870	12706	12530	12897	13803	13998	14115	14575
as % of population 5-24	3%	83%	83%	85%	85%	84%	85%	86%
Primary	985	4402	4713	4892	5198	5070	5224	5387
Low secondary	315	2238	2051	2281	2443	2453	2440	2553
Upper secondary	270	3627	3303	3310	3646	3818	3757	3897
Tertiary education	299	2439	2464	2415	2516	2657	2695	2738
Number of teachers (in thousands)								
Total	102	731	713	735	789	802	806	833
Primary	50	223	239	248	264	257	265	274
Low secondary	19	134	123	137	147	147	147	153
Upper secondary	20	267	243	244	268	281	277	287
Tertiary education	13	107	108	105	110	116	118	120

Education spending as % of GDP - Higher compensation per teacher (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.15	-0.1	0.0	0.0	0.0	0.0	0.0	0.0

Education spending as % of GDP - Higher ratio teachers/students (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.46	0.6	0.8	1.0	1.1	1.1	1.1	1.1

Education spending as % of GDP - Higher attainment rates in tertiary education (45% by 2020) (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.18	0.2	0.4	0.4	0.4	0.4	0.4	0.4

Unemployment benefit

Unemployment benefit - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Unemployment benefit spending as % of GDP	0.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2

LEGENDA:

*** The potential GDP and its components is used to estimate the rate of potential output growth, net of normal cyclical variations**

(1) Share of older population = Population aged 55 to 64 as % of population aged 15-64

(2) Old-age dependency ratio = Population aged 65 and over as a percentage of the population aged 15-64

(3) Total dependency ratio = Population under 15 and over 64 as a percentage of the population aged 15-64

(4) Total economic dependency ratio = Total population less employed as % of employed population 15-64

(5) Economic old-age dependency ratio (15-64) = Inactive population aged 65+ as % of employed population 15-64

NB: : = data not provided

Source : Commission Services (DG ECFIN), Eurostat (EUROPOP2008), EPC (AWG).

Norway EC-EPC (AWG) 2009 projections

Main demographic and macroeconomic assumptions

Demographic projections - EUROPOP2008 (EUROSTAT)	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Fertility rate	0.0	1.90	1.90	1.90	1.89	1.89	1.89	1.88
Life expectancy at birth								
males	6.8	78.4	79.4	80.1	81.5	82.8	84.1	85.2
females	6.3	82.9	83.8	84.5	85.8	87.0	88.1	89.2
Life expectancy at 65								
males	4.8	17.3	18.0	18.5	19.5	20.4	21.3	22.1
females	4.9	20.4	21.1	21.6	22.6	23.5	24.4	25.2
Net migration (thousand)	-12.8	22.4	17.5	15.2	12.4	11.0	10.3	9.6
Net migration as % of population	-0.3	0.5	0.4	0.3	0.2	0.2	0.2	0.2
Population (million)	1.3	4.7	5.0	5.2	5.5	5.7	5.9	6.0
Children population (0-14) as % of total population	-2.4	19.2	18.2	18.0	17.8	17.2	16.7	16.7
Prime age population (25-54) as % of total population	-6.1	41.5	40.2	39.6	37.0	36.4	35.7	35.4
Working age population (15-64) as % of total population	-8.3	66.2	65.1	63.9	61.2	59.0	58.9	57.9
Elderly population (65 and over) as % of total population	10.8	14.6	16.7	18.1	21.0	23.8	24.4	25.4
Very elderly population (80 and over) as % of total population	5.4	4.6	4.4	4.4	6.3	7.8	9.3	10.0
Very elderly population (80 and over) as % of elderly population	7.7	31.5	26.4	24.3	29.9	32.9	38.1	39.2
Very elderly population (80 and over) as % of working age population	10.3	7.0	6.8	6.9	10.2	13.2	15.8	17.2
Macroeconomic assumptions*	AVG 07-60	2007	2015	2020	2030	2040	2050	2060
Potential GDP (growth rate)	2.0	6.0	2.1	2.0	1.7	1.9	1.9	1.8
Employment (growth rate)	0.3	3.8	0.4	0.3	0.1	0.2	0.2	0.1
Labour input : hours worked (growth rate)	0.3	3.9	0.4	0.3	0.0	0.2	0.2	0.1
Labour productivity per hour (growth rate)	1.7	1.6	1.6	1.7	1.7	1.7	1.7	1.7
TFP (growth rate)	1.1	2.1	1.1	1.1	1.1	1.1	1.1	1.1
Capital deepening (contribution to labour productivity growth)	0.6	-0.5	0.5	0.6	0.6	0.6	0.6	0.6
GDP per capita (growth rate)	1.5	5.1	1.3	1.3	1.2	1.5	1.6	1.5
GDP per worker (growth rate)	1.7	2.2	1.6	1.7	1.7	1.7	1.7	1.7
GDP in 2007 prices (in millions euros)		214.1	253.9	280.4	336.4	400.6	483.8	577.5
Labour force assumptions	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Working age population (15-64) (in thousands)	404	3090	3254	3309	3371	3386	3472	3494
Population growth (working age:15-64)	-1.2	1.3	0.4	0.3	0.1	0.1	0.2	0.0
Labour force 15-64 (thousands)	289	2436	2548	2591	2626	2641	2709	2724
Participation rate (15-64)	-0.9	78.8	78.3	78.3	77.9	78.0	78.0	78.0
young (15-24)	1.6	58.8	60.8	61.0	60.5	60.2	60.7	60.5
prime-age (25-54)	0.0	87.4	87.4	87.3	87.3	87.4	87.4	87.5
older (55-64)	-4.2	69.9	66.7	66.4	66.3	65.6	66.5	65.6
Participation rate (15-64) - FEMALES	1.4	75.9	76.3	76.6	76.8	77.3	77.4	77.3
young (15-24)	1.6	60.0	62.0	62.0	61.6	61.4	61.8	61.6
prime-age (25-54)	2.6	83.9	84.8	85.3	86.1	86.5	86.5	86.5
older (55-64)	-0.7	64.8	63.1	62.8	63.2	63.5	64.9	64.1
Participation rate (15-64) - MALES	-3.0	81.6	80.3	80.0	79.0	78.7	78.7	78.6
young (15-24)	1.7	57.8	59.7	59.9	59.3	59.1	59.6	59.4
prime-age (25-54)	-2.4	90.8	89.8	89.3	88.5	88.4	88.3	88.4
older (55-64)	-7.7	74.8	70.1	69.8	69.3	67.7	68.0	67.1
Employment rate (15-64)	-2.1	76.8	75.1	75.1	74.7	74.8	74.8	74.8
Employment rate (20-64)	-2.3	81.0	79.1	78.9	78.6	78.9	78.8	78.7
Employment rate (15-71)	-4.8	72.6	69.2	69.1	68.3	67.8	68.5	67.8
Unemployment rate (15-64)	1.6	2.5	4.1	4.1	4.1	4.1	4.1	4.1
Employment (15-64) (in millions)	0.2	2.4	2.4	2.5	2.5	2.5	2.6	2.6
share of young (15-24)	0%	13%	14%	14%	13%	14%	14%	14%
share of prime-age (25-54)	-1%	70%	70%	70%	68%	70%	69%	69%
share of older (55-64)	1%	16%	16%	17%	18%	16%	17%	17%
Dependency ratios:	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Share of older population (55-64) (1)	1.4	18.2	18.4	19.0	20.7	18.7	19.9	19.6
Old-age dependency ratio (2)	22	22	26	28	34	40	41	44
Total dependency ratio (3)	22	51	54	56	63	69	70	73
Total economic dependency ratio (4)	29	98	102	105	115	123	124	128
Economic old-age dependency ratio (15-64) (5)	28	27	31	35	43	50	52	55

Pension expenditure projections

Baseline scenario as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	4.7	8.9	10.8	11.5	12.7	13.4	13.3	13.6
Old-age and early pensions, gross	4.7	5.7	7.6	8.2	9.4	10.3	10.2	10.4
Of which : earnings-related pensions, gross	:	:	:	:	:	:	:	:
Other pensions (disability, survivors), gross	0.0	3.2	3.2	3.2	3.3	3.1	3.2	3.2
Occupational pensions, gross	:	:	:	:	:	:	:	:
Private mandatory pensions, gross	:	:	:	:	:	:	:	:
Social security pensions, net	3.6	7.2	8.8	9.3	10.2	10.7	10.7	10.9
Social security pensions, contributions	:	:	:	:	:	:	:	:
Social security pensions, assets	:	:	:	:	:	:	:	:

Additional indicators	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, net/social sec. Pensions, gross, %	-1.7	81.8	81.1	81.0	80.1	80.0	80.0	80.0
Pensioners (social security, in 1000 persons)	970	939	1176	1286	1504	1683	1783	1909
Pensioners aged 65+ (1000 pers)	:	:	:	:	:	:	:	:
Share of pensioners below age 65 as % of all pensioners	:	:	:	:	:	:	:	:
Average gross pension (social security - € 1000 in 2007 prices)	20.9	20.1	23.4	25.0	28.4	31.9	36.2	41.1
Benefit ratio (Social security pensions)	-3.6	50.3	56.4	55.4	53.3	50.6	48.6	46.7
Gross replacement rate at retirement (social security pensions)	:	:	:	:	:	:	:	:
Contributors (social security pensions, in 1000 persons)	:	:	:	:	:	:	:	:
Support ratio (contributors/100 pensioners, social security pensions)	:	:	:	:	:	:	:	:
High life expectancy as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.2	0.0	0.1	0.2	0.3	0.3	0.3	0.2
Old-age and early pensions, gross	0.2	0.0	0.1	0.2	0.3	0.3	0.2	0.2
High labour productivity as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Old-age and early pensions, gross	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Zero migration as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	1.3	0.0	0.3	0.7	1.3	1.7	1.6	1.3
Old-age and early pensions, gross	1.2	0.0	0.2	0.6	1.1	1.6	1.5	1.2
High employment rate (1 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.3	0.0	-0.1	-0.1	-0.2	-0.2	-0.2	-0.3
Old-age and early pensions, gross	-0.2	0.0	-0.1	-0.1	-0.1	-0.1	-0.2	-0.2
High older workers empl. Rate (5 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	:	:	:	:	:	:	:	:
Old-age and early pensions, gross	:	:	:	:	:	:	:	:
Decomposition of the increase (in p.p.) in pension expenditure (social security) - selected years	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Social security pensions, gross as % of GDP	4.8	8.8	10.8	11.5	12.7	13.4	13.3	13.6
Social security pensions, gross as % of GDP - p.p. ch. from 2007 due to :		-0.1	2.0	2.6	3.9	4.6	4.5	4.7
Dependency ratio	8.2	0.0	1.4	2.5	4.9	7.0	7.4	8.2
Coverage ratio	-1.2	0.0	0.2	0.0	-0.6	-1.3	-1.3	-1.2
Employment effect	0.1	0.2	0.2	0.2	0.3	0.3	0.2	0.3
Benefit ratio	-2.1	-0.2	0.1	-0.1	-0.5	-1.2	-1.7	-2.3
Interaction effect (residual)	-0.1	-0.1	0.1	0.0	-0.1	-0.2	-0.2	-0.2
over selected time periods	2007-2060		2007-2015	2015-2020	2025-2030	2035-2040	2045-2050	2055-2060
Social security pensions, gross as % of GDP	4.7		2.00	0.63	0.65	0.16	-0.07	0.12
Dependency ratio	8.2		1.38	1.12	1.15	0.88	0.16	0.49
Coverage ratio	-1.2		0.25	-0.28	-0.25	-0.37	0.01	-0.05
Employment effect	0.3		0.21	0.00	0.04	-0.04	0.00	-0.01
Benefit ratio	-2.3		0.11	-0.18	-0.25	-0.30	-0.25	-0.27
Interaction effect (residual)	-0.22		0.05	-0.04	-0.04	-0.02	0.00	-0.04

Health care

Health care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	1.3	5.6	5.8	6.0	6.5	6.8	6.9	7.0
Pure ageing scenario	1.6	5.6	5.8	6.1	6.6	6.9	7.2	7.3
Labour intensity scenario	2.6	5.6	5.9	6.2	7.1	7.7	8.0	8.3
Constant health scenario	0.6	5.6	5.7	5.8	6.1	6.2	6.3	6.3
Fast cost growth scenario	2.2	5.6	6.3	6.5	7.0	7.4	7.7	7.8
Cost convergence scenario	:	:	:	:	:	:	:	:
Death-related cost scenario	1.4	5.6	5.7	5.9	6.4	6.7	6.9	7.0
Income elasticity scenario	1.9	5.6	5.9	6.2	6.7	7.1	7.4	7.5

Long-term care

Long-term care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	2.7	2.2	2.2	2.3	2.9	3.8	4.3	4.9
Pure demographic scenario	2.9	2.2	2.3	2.3	2.9	3.9	4.5	5.1
GDP per capita scenario	2.3	2.2	2.2	2.3	2.7	3.5	4.0	4.5
Constant disability scenario	2.5	2.2	2.2	2.3	2.8	3.7	4.2	4.7
GDP per worker fast growth scenario	3.4	2.2	2.4	2.6	3.2	4.3	4.9	5.6
Shift 1% of dependents from informal to home care scenario	3.0	2.2	2.3	2.4	3.0	4.0	4.6	5.2
Shift 1% of dependents from informal to institutional care scenario	3.9	2.2	2.6	2.8	3.5	4.6	5.3	6.0
Shift 1% of dependents from informal to home/institutional care scenario	3.4	2.2	2.4	2.6	3.3	4.3	5.0	5.6

Number of dependent people (in thousands)	% Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	137%	155	176	192	245	302	336	367
of which: receiving formal care	157%	*162*	*174*	*187*	*249*	*322*	*375*	*415*
relying on informal or no care	0%	*0*	*2*	*5*	*0*	*0*	*0*	*0*
Pure demographic scenario	149%	155	177	195	251	313	351	385
of which: receiving formal care	169%	*162*	*176*	*189*	*255*	*332*	*390*	*435*
relying on informal or no care	0%	*0*	*2*	*5*	*0*	*0*	*0*	*0*
Constant disability scenario	125%	155	174	190	239	292	322	348
of which: receiving formal care	144%	*162*	*173*	*184*	*243*	*311*	*359*	*395*
relying on informal or no care	0%	*0*	*2*	*5*	*0*	*0*	*0*	*0*
Shift 1% of dependents from informal to home scenario	149%	155	177	195	251	313	351	385
of which: receiving formal care	193%	*162*	*190*	*209*	*280*	*363*	*426*	*474*
relying on informal or no care	0%	*0*	*0*	*0*	*0*	*0*	*0*	*0*

Education

Education spending as % of GDP - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.12	7.9	7.7	7.7	7.8	8.1	8.0	8.1
Expenditure decomposition (broadly constant) : Transfers (20%) - Staff (54%) - Other (26%)								
Primary	-0.08	2.2	2.0	2.0	2.1	2.1	2.1	2.1
Expenditure decomposition (broadly constant) : Transfers (0%) - Staff (70%) - Other (30%)								
Low secondary	-0.06	1.0	1.0	0.9	1.0	1.0	1.0	1.0
Expenditure decomposition (broadly constant) : Transfers (0%) - Staff (70%) - Other (30%)								
Upper secondary	-0.03	1.9	1.9	1.8	1.9	2.0	1.9	1.9
Expenditure decomposition (broadly constant) : Transfers (19%) - Staff (57%) - Other (24%)								
Tertiary education	0.29	2.8	2.8	2.9	2.9	3.0	3.1	3.1
Expenditure decomposition (broadly constant) : Transfers (43%) - Staff (33%) - Other (24%)								
Number of students (in thousands)								
Total	129	1058	1074	1081	1125	1166	1171	1188
as % of population 5-24	0%	88%	86%	86%	87%	88%	88%	88%
Primary	39	430	422	431	455	461	458	469
Low secondary	12	187	183	183	189	200	197	199
Upper secondary	26	231	240	233	241	255	256	256
Tertiary education	53	211	228	234	240	250	261	263
Number of teachers (in thousands)								
Total	11	93	94	94	98	102	102	103
Primary	4	38	38	39	41	41	41	42
Low secondary	1	18	18	18	18	19	19	19
Upper secondary	2	21	22	21	22	23	24	24
Tertiary education	4	15	16	17	17	18	19	19

Education spending as % of GDP - Higher compensation per teacher (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.15	-0.2	-0.2	-0.1	-0.1	-0.1	-0.1	-0.1

Education spending as % of GDP - Higher ratio teachers/students (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.83	0.2	0.6	0.9	1.0	1.0	1.0	1.0

Education spending as % of GDP - Higher attainment rates in tertiary education (45% by 2020) (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.45	0.3	0.6	0.7	0.7	0.7	0.7	0.7

Unemployment benefit

Unemployment benefit - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Unemployment benefit spending as % of GDP	0.2	0.2	0.4	0.4	0.4	0.4	0.4	0.4

LEGENDA:

*** The potential GDP and its components is used to estimate the rate of potential output growth, net of normal cyclical variations**

(1) Share of older population = Population aged 55 to 64 as % of population aged 15-64

(2) Old-age dependency ratio = Population aged 65 and over as a percentage of the population aged 15-64

(3) Total dependency ratio = Population under 15 and over 64 as a percentage of the population aged 15-64

(4) Total economic dependency ratio = Total population less employed as % of employed population 15-64

(5) Economic old-age dependency ratio (15-64) = Inactive population aged 65+ as % of employed population 15-64

NB: : = data not provided

Source : Commission Services (DG ECFIN), Eurostat (EUROPOP2008), EPC (AWG).

European Union EC-EPC (AWG) 2009 projections

Main demographic and macroeconomic assumptions

Demographic projections - EUROPOP2008 (EUROSTAT)	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Fertility rate	0.1	1.52	1.53	1.55	1.57	1.59	1.62	1.64
Life expectancy at birth								
males	8.5	76.0	77.4	78.3	80.0	81.6	83.1	84.5
females	6.9	82.1	83.2	83.9	85.3	86.7	87.9	89.0
Life expectancy at 65								
males	5.4	16.5	17.3	17.8	18.9	19.9	20.9	21.8
females	5.2	20.0	20.7	21.2	22.3	23.3	24.3	25.1
Net migration (thousand)	-880.4	1683.9	1404.8	1252.8	1093.1	1005.5	924.3	803.5
Net migration as % of population	-0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.2
Population (million)	10.3	495.4	507.7	513.8	519.9	520.1	515.3	505.7
Children population (0-14) as % of total population	-1.6	15.7	15.5	15.4	14.5	14.0	14.1	14.0
Prime age population (25-54) as % of total population	-8.6	43.0	42.1	40.8	37.7	36.0	34.7	34.4
Working age population (15-64) as % of total population	-11.3	67.3	65.9	64.6	61.9	59.2	57.1	56.0
Elderly population (65 and over) as % of total population	12.9	17.1	18.6	20.1	23.6	26.8	28.8	30.0
Very elderly population (80 and over) as % of total population	7.7	4.4	5.2	5.7	6.9	8.9	11.0	12.1
Very elderly population (80 and over) as % of elderly population	14.7	25.8	27.8	28.4	29.4	33.0	38.2	40.5
Very elderly population (80 and over) as % of working age population	15.1	6.5	7.9	8.8	11.2	15.0	19.2	21.7
Macroeconomic assumptions*	AVG 07-60	2007	2015	2020	2030	2040	2050	2060
Potential GDP (growth rate)	1.7	2.7	2.3	2.1	1.7	1.4	1.3	1.4
Employment (growth rate)	-0.1	1.2	0.4	0.0	-0.2	-0.4	-0.4	-0.3
Labour input : hours worked (growth rate)	-0.1	1.0	0.3	0.0	-0.2	-0.4	-0.4	-0.3
Labour productivity per hour (growth rate)	1.8	1.7	2.0	2.1	1.9	1.8	1.7	1.7
TFP (growth rate)	1.1	1.0	1.2	1.3	1.2	1.1	1.1	1.1
Capital deepening (contribution to labour productivity growth)	0.7	0.7	0.8	0.8	0.7	0.6	0.6	0.6
GDP per capita (growth rate)	1.7	2.2	2.0	1.9	1.6	1.4	1.5	1.7
GDP per worker (growth rate)	1.8	1.5	2.0	2.1	1.9	1.8	1.8	1.7
GDP in 2007 prices (in millions euros)		12294.8	14891.5	16561.9	19692.0	22678.1	25837.0	29524.6
Labour force assumptions	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Working age population (15-64) (in thousands)	-48613	331906	334662	331887	321944	307848	294442	283293
Population growth (working age:15-64)	-0.7	0.4	-0.1	-0.2	-0.4	-0.4	-0.4	-0.2
Labour force 15-64 (thousands)	-24386	234388	243419	242937	236229	227033	217723	210003
Participation rate (15-64)	3.5	70.6	72.7	73.2	73.4	73.7	73.9	74.1
young (15-24)	2.0	44.6	46.9	46.0	45.7	46.8	46.9	46.6
prime-age (25-54)	1.6	84.5	85.3	85.5	85.7	85.8	86.0	86.0
older (55-64)	15.1	47.5	53.9	56.9	60.8	61.8	62.0	62.5
Participation rate (15-64) - FEMALES	5.9	63.4	66.7	67.5	68.3	68.9	69.1	69.4
young (15-24)	2.0	41.0	43.1	42.3	42.0	43.1	43.2	42.9
prime-age (25-54)	4.0	76.9	79.1	79.8	80.6	80.6	80.8	80.8
older (55-64)	19.9	38.2	46.7	50.4	55.0	57.0	57.4	58.1
Participation rate (15-64) - MALES	1.0	77.8	78.8	78.8	78.4	78.5	78.6	78.8
young (15-24)	2.0	48.1	50.4	49.5	49.3	50.3	50.4	50.1
prime-age (25-54)	-0.9	91.9	91.4	91.2	90.8	90.8	91.0	91.0
older (55-64)	9.7	57.3	61.5	63.8	66.8	66.6	66.6	67.0
Employment rate (15-64)	4.4	65.5	68.2	69.0	69.2	69.5	69.7	69.9
Employment rate (20-64)	4.5	70.1	72.4	73.2	73.7	74.0	74.2	74.6
Employment rate (15-71)	2.8	60.3	62.6	62.9	62.6	62.7	62.9	63.1
Unemployment rate (15-64)	-1.5	7.2	6.2	5.7	5.7	5.7	5.7	5.7
Employment (15-64) (in millions)	-19.4	217.4	228.4	229.1	222.7	214.1	205.3	198.0
share of young (15-24)	0%	11%	10%	9%	10%	10%	10%	10%
share of prime-age (25-54)	-5%	77%	75%	74%	72%	71%	71%	72%
share of older (55-64)	6%	12%	14%	16%	18%	19%	19%	18%
Dependency ratios:	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Share of older population (55-64) (1)	3.0	17.6	19.2	20.5	21.9	21.8	22.0	20.6
Old-age dependency ratio (2)	28	25	28	31	38	45	50	53
Total dependency ratio (3)	30	49	52	55	62	69	75	79
Total economic dependency ratio (4)	27	124	120	122	130	139	146	151
Economic old-age dependency ratio (15-64) (5)	35	37	39	42	51	61	68	72

Pension expenditure projections

Baseline scenario as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	2.4	10.1	10.3	10.5	11.4	12.1	12.3	12.5
Old-age and early pensions, gross	2.5	9.1	9.3	9.6	10.4	11.1	11.4	11.6
Of which : earnings-related pensions, gross	:	:	:	:	:	:	:	:
Other pensions (disability, survivors), gross	:	:	:	:	:	:	:	:
Occupational pensions, gross	:	:	:	:	:	:	:	:
Private mandatory pensions, gross	:	:	:	:	:	:	:	:
Social security pensions, net	:	:	:	:	:	:	:	:
Social security pensions, contributions	:	:	:	:	:	:	:	:
Social security pensions, assets	:	:	:	:	:	:	:	:

Additional indicators	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, net/social sec. Pensions, gross, %	:	:	:	:	:	:	:	:
Pensioners (social security, in 1000 persons)	49512	117171	123664	129641	146048	160165	165361	166683
Pensioners aged 65+ (1000 pers)	:	:	:	:	:	:	:	:
Share of pensioners below age 65 as % of all pensioners	:	:	:	:	:	:	:	:
Average gross pension (social security - € 1000 in 2007 prices)	12.0	10.6	12.3	13.3	15.2	17.1	19.5	22.7
Benefit ratio (Social security pensions)	-9.5	49.7	50.5	49.7	46.8	43.8	41.4	40.1
Gross replacement rate at retirement (social security pensions)	:	:	:	:	:	:	:	:
Contributors (social security pensions, in 1000 persons)	:	:	:	:	:	:	:	:
Support ratio (contributors/100 pensioners, social security pensions)	:	:	:	:	:	:	:	:
High life expectancy as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.3	0.0	0.0	0.0	0.1	0.1	0.2	0.3
Old-age and early pensions, gross	0.3	0.0	0.0	0.0	0.1	0.1	0.2	0.3
High labour productivity as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.4	0.0	0.0	-0.1	-0.2	-0.3	-0.4	-0.4
Old-age and early pensions, gross	-0.4	0.0	0.0	-0.1	-0.2	-0.3	-0.3	-0.4
Zero migration as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	1.8	0.0	0.3	0.5	0.9	1.4	1.8	1.8
Old-age and early pensions, gross	1.7	0.0	0.2	0.4	0.9	1.4	1.7	1.7
High employment rate (1 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Old-age and early pensions, gross	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
High older workers empl. Rate (5 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.1	0.0	-0.1	-0.2	-0.2	-0.2	-0.1	-0.1
Old-age and early pensions, gross	-0.1	0.0	-0.1	-0.2	-0.2	-0.1	-0.1	-0.1
Decomposition of the increase (in p.p.) in pension expenditure (social security) - selected years	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Social security pensions, gross as % of GDP	2.3	10.2	10.3	10.5	11.4	12.1	12.3	12.5
Social security pensions, gross as % of GDP - p.p. ch. from 2007 due to :		0.1	0.1	0.4	1.2	2.0	2.2	2.4
Dependency ratio	8.6	0.1	1.2	2.2	4.5	6.7	8.0	8.7
Coverage ratio	-2.5	-0.1	-0.7	-1.1	-1.6	-2.1	-2.4	-2.6
Employment effect	-0.6	-0.1	-0.4	-0.5	-0.5	-0.6	-0.6	-0.7
Benefit ratio	-2.6	0.1	0.1	-0.1	-0.7	-1.5	-2.1	-2.5
Interaction effect (residual)	-0.6	0.0	-0.1	-0.2	-0.4	-0.6	-0.6	-0.6
over selected time periods	2007-2060		2007-2015	2015-2020	2025-2030	2035-2040	2045-2050	2055-2060
Social security pensions, gross as % of GDP	2.4		0.12	0.24	0.49	0.32	0.10	0.07
Dependency ratio	8.7		1.23	1.01	1.21	0.92	0.62	0.24
Coverage ratio	-2.6		-0.68	-0.39	-0.25	-0.17	-0.16	-0.04
Employment effect	-0.7		-0.41	-0.12	-0.02	-0.03	-0.02	-0.02
Benefit ratio	-2.5		0.09	-0.17	-0.35	-0.37	-0.31	-0.13
Interaction effect (residual)	-0.63		-0.13	-0.09	-0.10	-0.04	-0.03	0.01

Health care

Health care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	1.7	6.7	6.9	7.1	7.4	7.9	8.2	8.4
Pure ageing scenario	1.9	6.7	6.9	7.1	7.5	8.0	8.4	8.6
Labour intensity scenario	2.7	6.7	6.8	7.0	7.6	8.4	9.0	9.4
Constant health scenario	0.8	6.7	6.8	6.8	7.0	7.3	7.5	7.6
Fast cost growth scenario	2.5	6.7	7.4	7.6	8.0	8.5	9.0	9.2
Cost convergence scenario	2.0	6.7	6.8	7.0	7.4	8.0	8.4	8.7
Death-related cost scenario	1.4	6.7	6.7	6.9	7.2	7.7	8.0	8.1
Income elasticity scenario	2.3	6.7	7.0	7.2	7.7	8.3	8.7	9.0

Long-term care

Long-term care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	1.2	1.2	1.3	1.4	1.6	1.9	2.3	2.4
Pure demographic scenario	1.3	1.2	1.3	1.4	1.7	2.0	2.4	2.5
GDP per capita scenario	1.1	1.2	1.3	1.4	1.6	1.9	2.2	2.3
Constant disability scenario	1.1	1.2	1.3	1.4	1.6	1.9	2.2	2.3
GDP per worker fast growth scenario	1.6	1.2	1.4	1.6	1.8	2.2	2.6	2.8
Shift 1% of dependents from informal to home care scenario	1.5	1.2	1.4	1.5	1.8	2.1	2.5	2.7
Shift 1% of dependents from informal to institutional care scenario	2.0	1.2	1.6	1.7	2.1	2.5	2.9	3.2
Shift 1% of dependents from informal to home/institutional care scenario	1.7	1.2	1.5	1.6	1.9	2.3	2.7	2.9

Number of dependent people (in thousands)	% Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	102%	20705	23716	25759	30465	35786	40179	41901
of which: receiving formal care	149%	*8433*	*10640*	*11615*	*14184*	*17268*	*19895*	*21000*
relying on informal or no care	70%	*12272*	*13076*	*14144*	*16282*	*18517*	*20284*	*20901*
Pure demographic scenario	115%	20705	23961	26197	31408	37341	42311	44473
of which: receiving formal care	163%	*8433*	*10748*	*11808*	*14608*	*17972*	*20868*	*22145*
relying on informal or no care	82%	*12272*	*13212*	*14390*	*16800*	*19369*	*21443*	*22328*
Constant disability scenario	90%	20705	23472	25321	29523	34231	38047	39331
of which: receiving formal care	135%	*8433*	*10533*	*11422*	*13760*	*16565*	*18922*	*19855*
relying on informal or no care	59%	*12272*	*12939*	*13899*	*15764*	*17666*	*19125*	*19476*
Shift 1% of dependents from informal to home scenario	115%	20705	23961	26197	31408	37341	42311	44473
of which: receiving formal care	232%	*8433*	*13148*	*15078*	*18550*	*22738*	*26381*	*27992*
relying on informal or no care	34%	*12272*	*10812*	*11119*	*12857*	*14602*	*15931*	*16481*

Education

Education spending as % of GDP - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	-0.18	4.3	4.0	3.9	3.9	3.9	4.0	4.1
Expenditure decomposition (broadly constant) : Transfers (7%) - Staff (66%) - Other (27%)								
Primary	0.03	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Expenditure decomposition (broadly constant) : Transfers (2%) - Staff (71%) - Other (28%)								
Low secondary	:	:	:	:	:	:	:	:
Expenditure decomposition (broadly constant) : Transfers (-%) - Staff (-%) - Other (-%)								
Upper secondary	:	:	:	:	:	:	:	:
Expenditure decomposition (broadly constant) : Transfers (-%) - Staff (-%) - Other (-%)								
Tertiary education	:	:	:	:	:	:	:	:
Expenditure decomposition (broadly constant) : Transfers (-%) - Staff (-%) - Other (-%)								
Number of students (in thousands)								
Total	-11507	91703	87282	87268	86286	82564	80895	80196
as % of population 5-24	:	:	:	:	:	:	:	:
Primary	-1381	27798	28671	29156	28035	26645	26858	26417
Low secondary	-2808	22305	21024	21471	21253	20008	19583	19497
Upper secondary	-3909	23361	20678	20539	20931	20173	19411	19452
Tertiary education	-3408	18239	16909	16103	16066	15738	15043	14830
Number of teachers (in thousands)								
Total	-874	6414	6041	6068	5983	5701	5591	5540
Primary	-160	1948	1979	2007	1914	1816	1825	1787
Low secondary	-245	1693	1572	1610	1587	1487	1456	1448
Upper secondary	-265	1766	1564	1569	1606	1542	1492	1501
Tertiary education	:	:	:	:	:	:	:	:

Education spending as % of GDP - Higher compensation per teacher (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.10	-0.1	0.0	0.0	0.0	0.0	0.0	0.0

Education spending as % of GDP - Higher ratio teachers/students (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.48	0.1	0.3	0.5	0.5	0.6	0.6	0.6

Education spending as % of GDP - Higher attainment rates in tertiary education (45% by 2020) (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.14	0.2	0.3	0.3	0.3	0.3	0.3	0.3

Unemployment benefit

Unemployment benefit - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Unemployment benefit spending as % of GDP	-0.2	0.8	0.7	0.6	0.6	0.6	0.6	0.6

LEGENDA:

*** The potential GDP and its components is used to estimate the rate of potential output growth, net of normal cyclical variations**

(1) Share of older population = Population aged 55 to 64 as % of population aged 15-64

(2) Old-age dependency ratio = Population aged 65 and over as a percentage of the population aged 15-64

(3) Total dependency ratio = Population under 15 and over 64 as a percentage of the population aged 15-64

(4) Total economic dependency ratio = Total population less employed as % of employed population 15-64

(5) Economic old-age dependency ratio (15-64) = Inactive population aged 65+ as % of employed population 15-64

NB: : = data not provided

Source : Commission Services (DG ECFIN), Eurostat (EUROPOP2008), EPC (AWG).

Euro-Area EC-EPC (AWG) 2009 projections

Main demographic and macroeconomic assumptions

Demographic projections - EUROPOP2008 (EUROSTAT)	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Fertility rate	0.1	1.53	1.55	1.56	1.58	1.61	1.63	1.65
Life expectancy at birth								
males	7.9	76.6	77.8	78.7	80.3	81.8	83.2	84.5
females	6.7	82.3	83.3	84.0	85.4	86.7	87.9	89.0
Life expectancy at 65								
males	5.3	16.6	17.3	17.8	18.9	19.9	20.9	21.8
females	5.1	20.0	20.7	21.2	22.2	23.2	24.2	25.1
Net migration (thousand)	-795.3	1421.9	1125.8	985.1	876.8	761.8	693.1	626.6
Net migration as % of population	-0.3	0.4	0.3	0.3	0.3	0.2	0.2	0.2
Population (million)	10.2	324.9	334.9	339.5	344.4	345.5	342.2	335.1
Children population (0-14) as % of total population	-1.6	15.4	15.2	15.0	14.2	13.8	13.9	13.9
Prime age population (25-54) as % of total population	-9.1	43.3	41.9	40.1	36.8	35.3	34.4	34.2
Working age population (15-64) as % of total population	-10.7	66.6	65.3	64.2	61.3	58.1	56.4	55.9
Elderly population (65 and over) as % of total population	12.3	18.0	19.4	20.8	24.5	28.1	29.8	30.2
Very elderly population (80 and over) as % of total population	8.0	4.7	5.6	6.2	7.4	9.3	11.8	12.8
Very elderly population (80 and over) as % of elderly population	15.9	26.4	28.9	29.9	30.0	33.0	39.7	42.2
Very elderly population (80 and over) as % of working age population	15.7	7.1	8.6	9.7	12.0	16.0	21.0	22.8
Macroeconomic assumptions*	AVG 07-60	2007	2015	2020	2030	2040	2050	2060
Potential GDP (growth rate)	1.6	2.3	2.2	2.1	1.6	1.3	1.3	1.4
Employment (growth rate)	-0.1	1.2	0.5	0.2	-0.2	-0.4	-0.4	-0.3
Labour input : hours worked (growth rate)	-0.1	0.9	0.5	0.2	-0.2	-0.4	-0.4	-0.3
Labour productivity per hour (growth rate)	1.7	1.3	1.7	1.9	1.8	1.7	1.7	1.7
TFP (growth rate)	1.1	0.8	1.1	1.2	1.1	1.1	1.1	1.1
Capital deepening (contribution to labour productivity growth)	0.6	0.6	0.6	0.7	0.6	0.6	0.6	0.6
GDP per capita (growth rate)	1.5	1.7	1.9	1.8	1.5	1.3	1.5	1.7
GDP per worker (growth rate)	1.7	1.1	1.7	1.9	1.8	1.7	1.7	1.7
GDP in 2007 prices (in millions euros)		9020.8	10735.9	11921.2	14039.8	16003.0	18154.7	20794.0
Labour force assumptions	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Working age population (15-64) (in thousands)	-28111	215502	218837	218145	211115	200628	192839	187391
Population growth (working age:15-64)	-0.6	0.4	0.0	-0.1	-0.6	-0.4	-0.3	-0.2
Labour force 15-64 (thousands)	-14055	153311	160387	160727	156055	149500	143552	139256
Participation rate (15-64)	3.6	70.8	73.3	73.8	74.3	74.8	74.7	74.4
young (15-24)	-0.4	45.1	46.1	44.9	44.9	45.6	45.1	44.8
prime-age (25-54)	2.5	84.6	86.2	87.1	87.1	87.1	87.0	87.1
older (55-64)	17.7	45.3	54.0	57.5	62.7	63.9	63.5	63.0
Participation rate (15-64) - FEMALES	6.3	63.1	67.0	67.9	68.9	69.8	69.6	69.4
young (15-24)	-0.6	41.5	42.3	41.1	41.0	41.7	41.2	40.9
prime-age (25-54)	5.1	76.4	79.6	81.0	81.5	81.5	81.4	81.5
older (55-64)	22.5	36.2	46.9	51.1	56.9	59.5	59.2	58.7
Participation rate (15-64) - MALES	0.9	78.4	79.6	79.6	79.6	79.7	79.5	79.3
young (15-24)	-0.1	48.6	49.8	48.5	48.5	49.3	48.7	48.5
prime-age (25-54)	-0.2	92.7	92.8	93.1	92.6	92.5	92.4	92.5
older (55-64)	12.5	54.8	61.3	64.1	68.7	68.2	67.8	67.2
Employment rate (15-64)	4.6	65.5	68.5	69.5	70.0	70.4	70.3	70.1
Employment rate (20-64)	4.7	70.1	72.7	73.7	74.2	74.7	74.8	74.8
Employment rate (15-71)	3.3	59.9	62.5	63.1	62.6	63.0	63.1	63.2
Unemployment rate (15-64)	-1.7	7.6	6.6	5.9	5.9	5.9	5.8	5.8
Employment (15-64) (in millions)	-10.6	141.7	149.9	151.3	146.9	140.8	135.2	131.1
share of young (15-24)	0%	10%	10%	9%	10%	10%	10%	10%
share of prime-age (25-54)	-6%	78%	76%	74%	71%	71%	72%	72%
share of older (55-64)	7%	11%	15%	17%	19%	19%	18%	18%
Dependency ratios:	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Share of older population (55-64) (1)	3.4	17.6	19.4	21.2	22.8	21.9	21.5	21.0
Old-age dependency ratio (2)	27	27	30	32	40	48	53	54
Total dependency ratio (3)	29	50	53	56	63	72	77	79
Total economic dependency ratio (4)	26	126	122	122	131	142	149	152
Economic old-age dependency ratio (15-64) (5)	34	40	42	44	54	65	71	73

Pension expenditure projections

Baseline scenario as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	2.8	11.0	11.2	11.5	12.6	13.5	13.9	13.8
Old-age and early pensions, gross	2.6	10.1	10.3	10.6	11.6	12.5	12.8	12.8
Of which : earnings-related pensions, gross	:	:	:	:	:	:	:	:
Other pensions (disability, survivors), gross	:	:	:	:	:	:	:	:
Occupational pensions, gross	:	:	:	:	:	:	:	:
Private mandatory pensions, gross	:	:	:	:	:	:	:	:
Social security pensions, net	:	:	:	:	:	:	:	:
Social security pensions, contributions	:	:	:	:	:	:	:	:
Social security pensions, assets	:	:	:	:	:	:	:	:

Additional indicators	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, net/social sec. Pensions, gross, %	:	:	:	:	:	:	:	:
Pensioners (social security, in 1000 persons)	37112	75985	82069	86976	99692	109880	113459	113096
Pensioners aged 65+ (1000 pers)	:	:	:	:	:	:	:	:
Share of pensioners below age 65 as % of all pensioners	:	:	:	:	:	:	:	:
Average gross pension (social security - € 1000 in 2007 prices)	12.4	13.0	14.5	15.6	17.5	19.5	22.2	25.4
Benefit ratio (Social security pensions)	-11.4	56.7	57.1	56.2	52.5	49.2	46.9	45.3
Gross replacement rate at retirement (social security pensions)	:	:	:	:	:	:	:	:
Contributors (social security pensions, in 1000 persons)	-4112	139518	149334	151701	149892	144971	139246	135405
Support ratio (contributors/100 pensioners, social security pensions)	-63.9	184	182	174	150	132	123	120
High life expectancy as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.3	0.0	0.0	0.0	0.1	0.1	0.2	0.3
Old-age and early pensions, gross	0.3	0.0	0.0	0.0	0.1	0.1	0.2	0.3
High labour productivity as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.5	0.0	0.0	-0.1	-0.3	-0.4	-0.5	-0.5
Old-age and early pensions, gross	-0.5	0.0	0.0	-0.1	-0.2	-0.3	-0.4	-0.5
Zero migration as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	1.8	0.0	0.3	0.5	1.0	1.6	1.9	1.8
Old-age and early pensions, gross	1.7	0.0	0.3	0.5	1.0	1.5	1.9	1.7
High employment rate (1 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.1	0.0	-0.1	-0.2	-0.2	-0.2	-0.2	-0.1
Old-age and early pensions, gross	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
High older workers empl. Rate (5 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.2	0.0	-0.1	-0.2	-0.2	-0.2	-0.2	-0.2
Old-age and early pensions, gross	-0.1	0.0	-0.1	-0.2	-0.2	-0.2	-0.1	-0.1
Decomposition of the increase (in p.p.) in pension expenditure (social security) - selected years	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Social security pensions, gross as % of GDP	2.7	11.1	11.2	11.5	12.6	13.5	13.9	13.8
Social security pensions, gross as % of GDP - p.p. ch. from 2007 due to :		0.0	0.2	0.5	1.5	2.5	2.8	2.8
Dependency ratio	8.9	0.1	1.2	2.2	4.9	7.5	8.7	9.0
Coverage ratio	-1.9	0.0	-0.5	-0.7	-1.3	-1.8	-2.0	-2.0
Employment effect	-0.6	0.0	-0.4	-0.6	-0.6	-0.7	-0.7	-0.7
Benefit ratio	-2.9	0.0	0.0	-0.2	-1.0	-1.8	-2.5	-2.9
Interaction effect (residual)	-0.7	0.0	-0.1	-0.2	-0.5	-0.6	-0.7	-0.7
over selected time periods	2007-2060		2007-2015	2015-2020	2025-2030	2035-2040	2045-2050	2055-2060
Social security pensions, gross as % of GDP	2.8		0.19	0.29	0.59	0.40	0.10	-0.09
Dependency ratio	9.0		1.24	0.99	1.51	1.07	0.50	0.06
Coverage ratio	-2.0		-0.48	-0.26	-0.32	-0.21	-0.08	0.03
Employment effect	-0.7		-0.44	-0.14	-0.05	-0.04	0.01	0.01
Benefit ratio	-2.9		-0.01	-0.20	-0.41	-0.39	-0.31	-0.19
Interaction effect (residual)	-0.66		-0.11	-0.09	-0.16	-0.03	-0.02	0.01

Health care

Health care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	1.5	6.7	6.9	7.1	7.4	7.8	8.1	8.1
Pure ageing scenario	1.6	6.7	6.9	7.1	7.5	7.9	8.2	8.3
Labour intensity scenario	2.4	6.7	6.8	6.9	7.6	8.3	8.9	9.1
Constant health scenario	0.7	6.7	6.8	6.8	7.0	7.3	7.4	7.4
Fast cost growth scenario	2.2	6.7	7.4	7.6	8.0	8.5	8.8	8.9
Cost convergence scenario	1.5	6.7	6.8	6.9	7.3	7.8	8.1	8.2
Death-related cost scenario	1.3	6.7	6.7	6.9	7.2	7.7	7.9	8.0
Income elasticity scenario	2.0	6.7	7.0	7.2	7.7	8.2	8.5	8.7

Long-term care

Long-term care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	1.4	1.3	1.4	1.5	1.8	2.1	2.5	2.7
Pure demographic scenario	1.5	1.3	1.4	1.5	1.8	2.2	2.6	2.8
GDP per capita scenario	1.2	1.3	1.5	1.5	1.8	2.1	2.4	2.5
Constant disability scenario	1.3	1.3	1.4	1.5	1.7	2.1	2.4	2.5
GDP per worker fast growth scenario	1.8	1.3	1.6	1.7	2.0	2.4	2.9	3.1
Shift 1% of dependents from informal to home care scenario	1.7	1.3	1.5	1.6	1.9	2.4	2.8	3.0
Shift 1% of dependents from informal to institutional care scenario	2.3	1.3	1.7	1.9	2.3	2.8	3.4	3.6
Shift 1% of dependents from informal to home/institutional care scenario	2.0	1.3	1.6	1.8	2.1	2.6	3.1	3.3

Number of dependent people (in thousands)	% Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	104%	12594	14666	15910	18799	22412	25317	25746
of which: receiving formal care	157%	*5746*	*7611*	*8322*	*10112*	*12357*	*14248*	*14752*
relying on informal or no care	61%	*6848*	*7055*	*7588*	*8687*	*10055*	*11069*	*10994*
Pure demographic scenario	118%	12594	14839	16226	19463	23537	26847	27499
of which: receiving formal care	172%	*5746*	*7694*	*8471*	*10437*	*12904*	*14999*	*15611*
relying on informal or no care	74%	*6848*	*7145*	*7755*	*9026*	*10633*	*11847*	*11888*
Constant disability scenario	91%	12594	14493	15594	18135	21287	23787	23994
of which: receiving formal care	142%	*5746*	*7529*	*8173*	*9787*	*11810*	*13496*	*13893*
relying on informal or no care	48%	*6848*	*6965*	*7421*	*8348*	*9477*	*10291*	*10101*
Shift 1% of dependents from informal to home scenario	118%	12594	14839	16226	19463	23537	26847	27499
of which: receiving formal care	244%	*5746*	*9365*	*10744*	*13185*	*16290*	*18965*	*19761*
relying on informal or no care	13%	*6848*	*5475*	*5482*	*6278*	*7247*	*7881*	*7738*

Education

Education spending as % of GDP - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	-0.16	4.2	4.0	3.9	3.9	3.9	4.0	4.1
Expenditure decomposition (broadly constant) : Transfers (6%) - Staff (69%) - Other (25%)								
Primary	0.02	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Expenditure decomposition (broadly constant) : Transfers (1%) - Staff (74%) - Other (24%)								
Low secondary	:	:	:	:	:	:	:	:
Expenditure decomposition (broadly constant) : Transfers (-%) - Staff (-%) - Other (-%)								
Upper secondary	:	:	:	:	:	:	:	:
Expenditure decomposition (broadly constant) : Transfers (-%) - Staff (-%) - Other (-%)								
Tertiary education	:	:	:	:	:	:	:	:
Expenditure decomposition (broadly constant) : Transfers (-%) - Staff (-%) - Other (-%)								
Number of students (in thousands)								
Total	-5222	57331	56370	56537	55417	53419	52774	52108
as % of population 5-24	:	:	:	:	:	:	:	:
Primary	-730	17452	18251	18393	17490	16987	17127	16722
Low secondary	-1335	15252	15091	15199	14924	14234	14056	13917
Upper secondary	-1650	13723	12766	12913	12843	12368	12124	12073
Tertiary education	-1507	10904	10261	10032	10159	9830	9468	9396
Number of teachers (in thousands)								
Total	-403	4101	3988	4017	3930	3779	3743	3698
Primary	-78	1226	1267	1272	1202	1170	1180	1149
Low secondary	-103	1099	1075	1091	1068	1013	1004	996
Upper secondary	-115	1114	1032	1055	1058	1013	998	999
Tertiary education	:	:	:	:	:	:	:	:

Education spending as % of GDP - Higher compensation per teacher (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Education spending as % of GDP - Higher ratio teachers/students (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.45	0.0	0.2	0.4	0.4	0.4	0.4	0.4

Education spending as % of GDP - Higher attainment rates in tertiary education (45% by 2020) (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.13	0.1	0.3	0.3	0.3	0.3	0.3	0.3

Unemployment benefit

Unemployment benefit - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Unemployment benefit spending as % of GDP	-0.2	1.0	0.8	0.7	0.7	0.7	0.7	0.7

LEGENDA:

*** The potential GDP and its components is used to estimate the rate of potential output growth, net of normal cyclical variations**

(1) Share of older population = Population aged 55 to 64 as % of population aged 15-64

(2) Old-age dependency ratio = Population aged 65 and over as a percentage of the population aged 15-64

(3) Total dependency ratio = Population under 15 and over 64 as a percentage of the population aged 15-64

(4) Total economic dependency ratio = Total population less employed as % of employed population 15-64

(5) Economic old-age dependency ratio (15-64) = Inactive population aged 65+ as % of employed population 15-64

NB: : = data not provided

Source : Commission Services (DG ECFIN), Eurostat (EUROPOP2008), EPC (AWG).

EU15 EC-EPC (AWG) 2009 projections

Main demographic and macroeconomic assumptions

Demographic projections - EUROPOP2008 (EUROSTAT)	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Fertility rate	0.1	1.64	1.66	1.66	1.68	1.69	1.71	1.72
Life expectancy at birth								
males	7.6	77.2	78.4	79.2	80.8	82.2	83.6	84.8
females	6.5	82.6	83.6	84.3	85.6	86.9	88.0	89.1
Life expectancy at 65								
males	5.1	16.9	17.6	18.1	19.2	20.1	21.1	22.0
females	5.0	20.2	21.0	21.5	22.5	23.4	24.3	25.2
Net migration (thousand)	-897.3	1646.9	1322.1	1166.8	1040.7	905.9	825.1	749.5
Net migration as % of population	-0.2	0.4	0.3	0.3	0.2	0.2	0.2	0.2
Population (million)	28.3	392.2	405.1	411.9	420.9	425.2	424.9	420.5
Children population (0-14) as % of total population	-1.3	15.8	15.6	15.5	14.9	14.4	14.5	14.5
Prime age population (25-54) as % of total population	-8.1	42.8	41.6	40.0	36.9	35.8	34.9	34.7
Working age population (15-64) as % of total population	-9.9	66.5	65.1	64.1	61.3	58.5	57.2	56.5
Elderly population (65 and over) as % of total population	11.3	17.7	19.2	20.4	23.9	27.1	28.4	29.0
Very elderly population (80 and over) as % of total population	7.2	4.7	5.5	6.0	7.2	8.9	11.3	12.0
Very elderly population (80 and over) as % of elderly population	14.5	26.8	28.6	29.5	30.3	33.0	39.7	41.3
Very elderly population (80 and over) as % of working age population	14.0	7.1	8.4	9.4	11.8	15.3	19.7	21.2
Macroeconomic assumptions*	AVG 07-60	2007	2015	2020	2030	2040	2050	2060
Potential GDP (growth rate)	1.7	2.3	2.2	2.0	1.6	1.5	1.5	1.5
Employment (growth rate)	0.0	1.1	0.5	0.2	-0.1	-0.2	-0.2	-0.2
Labour input : hours worked (growth rate)	0.0	0.8	0.5	0.2	-0.1	-0.2	-0.2	-0.2
Labour productivity per hour (growth rate)	1.7	1.5	1.7	1.9	1.7	1.7	1.7	1.7
TFP (growth rate)	1.1	0.9	1.1	1.2	1.1	1.1	1.1	1.1
Capital deepening (contribution to labour productivity growth)	0.6	0.6	0.6	0.7	0.6	0.6	0.6	0.6
GDP per capita (growth rate)	1.6	1.6	1.8	1.7	1.5	1.4	1.5	1.7
GDP per worker (growth rate)	1.7	1.2	1.7	1.9	1.7	1.7	1.7	1.7
GDP in 2007 prices (in millions euros)		11435.1	13602.6	15085.5	17895.1	20750.4	24015.0	27836.2
Labour force assumptions	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Working age population (15-64) (in thousands)	-21655	259372	263805	263815	257876	248644	242860	237717
Population growth (working age:15-64)	-0.6	0.5	0.0	0.0	-0.4	-0.3	-0.2	-0.1
Labour force 15-64 (thousands)	-7790	187228	195686	196601	192879	187867	183509	179438
Participation rate (15-64)	3.7	71.8	74.2	74.6	75.1	75.7	75.7	75.6
young (15-24)	0.4	48.7	50.3	48.8	48.8	49.7	49.5	49.1
prime-age (25-54)	2.3	84.6	86.0	86.9	86.9	86.9	86.9	86.9
older (55-64)	16.4	48.6	55.8	58.8	63.9	65.2	65.6	65.0
Participation rate (15-64) - FEMALES	6.3	64.5	68.1	68.9	70.1	71.0	71.0	70.8
young (15-24)	0.2	45.3	46.8	45.3	45.3	46.2	45.9	45.5
prime-age (25-54)	4.9	76.7	79.6	80.9	81.5	81.6	81.5	81.6
older (55-64)	21.3	39.8	49.1	52.8	58.7	61.2	61.7	61.1
Participation rate (15-64) - MALES	1.0	79.1	80.2	80.1	80.1	80.3	80.3	80.1
young (15-24)	0.5	51.9	53.7	52.1	52.1	53.0	52.8	52.4
prime-age (25-54)	-0.4	92.5	92.4	92.8	92.2	92.1	92.1	92.1
older (55-64)	11.1	57.8	62.8	65.0	69.2	69.1	69.4	68.9
Employment rate (15-64)	4.5	66.7	69.5	70.3	70.8	71.4	71.4	71.2
Employment rate (20-64)	4.5	71.3	73.5	74.4	74.9	75.7	75.7	75.8
Employment rate (15-71)	3.4	61.2	63.4	64.0	63.6	64.3	64.7	64.6
Unemployment rate (15-64)	-1.4	7.1	6.3	5.8	5.8	5.7	5.7	5.7
Employment (15-64) (in millions)	-4.8	174.0	183.4	185.3	181.8	177.1	173.0	169.2
share of young (15-24)	0%	11%	11%	10%	11%	11%	11%	11%
share of prime-age (25-54)	-5%	77%	75%	73%	70%	71%	71%	71%
share of older (55-64)	6%	12%	15%	17%	19%	18%	19%	18%
Dependency ratios:	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Share of older population (55-64) (1)	2.7	17.7	19.1	20.8	22.2	21.0	21.2	20.4
Old-age dependency ratio (2)	25	27	30	32	39	46	50	51
Total dependency ratio (3)	26	50	54	56	63	71	75	77
Total economic dependency ratio (4)	22	122	119	120	128	136	142	144
Economic old-age dependency ratio (15-64) (5)	30	38	41	43	52	61	66	68

Pension expenditure projections

Baseline scenario as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	2.4	10.2	10.4	10.7	11.6	12.3	12.4	12.6
Old-age and early pensions, gross	2.5	9.3	9.5	9.8	10.6	11.4	11.6	11.7
Of which : earnings-related pensions, gross	:	:	:	:	:	:	:	:
Other pensions (disability, survivors), gross	:	:	:	:	:	:	:	:
Occupational pensions, gross	:	:	:	:	:	:	:	:
Private mandatory pensions, gross	:	:	:	:	:	:	:	:
Social security pensions, net	:	:	:	:	:	:	:	:
Social security pensions, contributions	:	:	:	:	:	:	:	:
Social security pensions, assets	:	:	:	:	:	:	:	:

Additional indicators	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, net/social sec. Pensions, gross, %	:	:	:	:	:	:	:	:
Pensioners (social security, in 1000 persons)	44742	89731	97321	102678	117480	129350	132692	134474
Pensioners aged 65+ (1000 pers)	:	:	:	:	:	:	:	:
Share of pensioners below age 65 as % of all pensioners	:	:	:	:	:	:	:	:
Average gross pension (social security - € 1000 in 2007 prices)	13.3	13.0	14.5	15.6	17.6	19.7	22.6	26.3
Benefit ratio (Social security pensions)	-9.5	51.7	51.7	51.0	47.8	45.0	43.3	42.3
Gross replacement rate at retirement (social security pensions)	:	:	:	:	:	:	:	:
Contributors (social security pensions, in 1000 persons)	-4112	139518	149334	151701	149892	144971	139246	135405
Support ratio (contributors/100 pensioners, social security pensions)	-63.9	184	182	174	150	132	123	120
High life expectancy as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.3	0.0	0.0	0.0	0.1	0.1	0.2	0.3
Old-age and early pensions, gross	0.3	0.0	0.0	0.0	0.1	0.1	0.2	0.3
High labour productivity as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.5	0.0	0.0	-0.1	-0.3	-0.4	-0.5	-0.5
Old-age and early pensions, gross	-0.5	0.0	0.0	-0.1	-0.2	-0.3	-0.4	-0.5
Zero migration as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	1.8	0.0	0.3	0.5	1.0	1.6	1.9	1.8
Old-age and early pensions, gross	1.7	0.0	0.3	0.5	1.0	1.5	1.9	1.7
High employment rate (1 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.1	0.0	-0.1	-0.2	-0.2	-0.2	-0.2	-0.1
Old-age and early pensions, gross	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
High older workers empl. Rate (5 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.2	0.0	-0.1	-0.2	-0.2	-0.2	-0.2	-0.2
Old-age and early pensions, gross	-0.1	0.0	-0.1	-0.2	-0.2	-0.2	-0.1	-0.1
Decomposition of the increase (in p.p.) in pension expenditure (social security) - selected years	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Social security pensions, gross as % of GDP	2.7	11.1	11.2	11.5	12.6	13.5	13.9	13.8
Social security pensions, gross as % of GDP - p.p. ch. from 2007 due to :		0.0	0.2	0.5	1.5	2.5	2.8	2.8
Dependency ratio	8.9	0.1	1.2	2.2	4.9	7.5	8.7	9.0
Coverage ratio	-1.9	0.0	-0.5	-0.7	-1.3	-1.8	-2.0	-2.0
Employment effect	-0.6	0.0	-0.4	-0.6	-0.6	-0.7	-0.7	-0.7
Benefit ratio	-2.9	0.0	0.0	-0.2	-1.0	-1.8	-2.5	-2.9
Interaction effect (residual)	-0.7	0.0	-0.1	-0.2	-0.5	-0.6	-0.7	-0.7
over selected time periods	2007-2060		2007-2015	2015-2020	2025-2030	2035-2040	2045-2050	2055-2060
Social security pensions, gross as % of GDP	2.8		0.19	0.29	0.59	0.40	0.10	-0.09
Dependency ratio	9.0		1.24	0.99	1.51	1.07	0.50	0.06
Coverage ratio	-2.0		-0.48	-0.26	-0.32	-0.21	-0.08	0.03
Employment effect	-0.7		-0.44	-0.14	-0.05	-0.04	0.01	0.01
Benefit ratio	-2.9		-0.01	-0.20	-0.41	-0.39	-0.31	-0.19
Interaction effect (residual)	-0.66		-0.11	-0.09	-0.16	-0.03	-0.02	0.01

Health care

Health care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	1.6	6.9	7.2	7.3	7.7	8.1	8.4	8.5
Pure ageing scenario	1.8	6.9	7.1	7.3	7.7	8.2	8.5	8.7
Labour intensity scenario	2.5	6.9	7.0	7.2	7.9	8.6	9.1	9.4
Constant health scenario	0.8	6.9	7.0	7.0	7.2	7.5	7.7	7.6
Fast cost growth scenario	2.4	6.9	7.6	7.8	8.2	8.8	9.1	9.3
Cost convergence scenario	:	:	:	:	:	:	:	:
Death-related cost scenario	1.3	6.9	7.0	7.1	7.5	7.9	8.1	8.2
Income elasticity scenario	2.1	6.9	7.2	7.4	7.9	8.5	8.8	9.0

Long-term care

Long-term care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	1.2	1.3	1.4	1.5	1.8	2.1	2.4	2.5
Pure demographic scenario	1.3	1.3	1.4	1.5	1.8	2.1	2.5	2.6
GDP per capita scenario	1.1	1.3	1.4	1.5	1.7	2.0	2.3	2.4
Constant disability scenario	1.1	1.3	1.4	1.5	1.7	2.0	2.3	2.4
GDP per worker fast growth scenario	1.6	1.3	1.6	1.7	2.0	2.4	2.7	2.9
Shift 1% of dependents from informal to home care scenario	1.5	1.3	1.5	1.6	1.9	2.3	2.6	2.8
Shift 1% of dependents from informal to institutional care scenario	2.0	1.3	1.7	1.9	2.2	2.7	3.1	3.3
Shift 1% of dependents from informal to home/institutional care scenario	1.8	1.3	1.6	1.7	2.1	2.5	2.9	3.0

Number of dependent people (in thousands)	% Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	102%	15804	18249	19715	23331	27638	30988	31889
of which: receiving formal care	150%	*7519*	*9581*	*10440*	*12746*	*15540*	*17922*	*18774*
relying on informal or no care	58%	*8285*	*8668*	*9274*	*10585*	*12098*	*13067*	*13116*
Pure demographic scenario	115%	15804	18458	20095	24122	28973	32788	33985
of which: receiving formal care	163%	*7519*	*9680*	*10620*	*13136*	*16192*	*18817*	*19809*
relying on informal or no care	71%	*8285*	*8777*	*9475*	*10987*	*12780*	*13971*	*14176*
Constant disability scenario	89%	15804	18041	19334	22539	26303	29189	29793
of which: receiving formal care	136%	*7519*	*9481*	*10261*	*12355*	*14887*	*17026*	*17738*
relying on informal or no care	46%	*8285*	*8560*	*9073*	*10183*	*11416*	*12163*	*12055*
Shift 1% of dependents from informal to home scenario	115%	15804	18458	20095	24122	28973	32788	33985
of which: receiving formal care	227%	*7519*	*11640*	*13280*	*16350*	*20122*	*23378*	*24607*
relying on informal or no care	13%	*8285*	*6818*	*6815*	*7773*	*8851*	*9410*	*9378*

Education

Education spending as % of GDP - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	-0.14	4.3	4.0	4.0	4.0	4.0	4.1	4.1
Expenditure decomposition (broadly constant) : Transfers (7%) - Staff (66%) - Other (27%)								
Primary	0.04	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Expenditure decomposition (broadly constant) : Transfers (1%) - Staff (71%) - Other (27%)								
Low secondary	:	:	:	:	:	:	:	:
Expenditure decomposition (broadly constant) : Transfers (-%) - Staff (-%) - Other (-%)								
Upper secondary	:	:	:	:	:	:	:	:
Expenditure decomposition (broadly constant) : Transfers (-%) - Staff (-%) - Other (-%)								
Tertiary education	:	:	:	:	:	:	:	:
Expenditure decomposition (broadly constant) : Transfers (-%) - Staff (-%) - Other (-%)								
Number of students (in thousands)								
Total	-2678	71569	70588	71193	71108	69517	69031	68891
as % of population 5-24	:	:	:	:	:	:	:	:
Primary	443	22525	23679	24007	23492	22890	23174	22969
Low secondary	-880	17682	17339	17698	17603	17012	16816	16802
Upper secondary	-1187	17744	16514	16692	16973	16747	16459	16557
Tertiary education	-1054	13618	13055	12795	13040	12868	12582	12564
Number of teachers (in thousands)								
Total	-264	4998	4872	4925	4899	4780	4748	4734
Primary	-17	1542	1599	1614	1565	1529	1545	1525
Low secondary	-76	1291	1254	1285	1271	1227	1216	1214
Upper secondary	-83	1384	1281	1306	1335	1308	1289	1301
Tertiary education	:	:	:	:	:	:	:	:

Education spending as % of GDP - Higher compensation per teacher (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.09	-0.1	0.0	0.0	0.0	0.0	0.0	0.0

Education spending as % of GDP - Higher ratio teachers/students (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.49	0.1	0.3	0.5	0.6	0.6	0.6	0.6

Education spending as % of GDP - Higher attainment rates in tertiary education (45% by 2020) (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.14	0.1	0.3	0.3	0.3	0.3	0.3	0.3

Unemployment benefit

Unemployment benefit - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Unemployment benefit spending as % of GDP	-0.2	0.8	0.7	0.7	0.7	0.6	0.6	0.6

LEGENDA:

*** The potential GDP and its components is used to estimate the rate of potential output growth, net of normal cyclical variations**

(1) Share of older population = Population aged 55 to 64 as % of population aged 15-64

(2) Old-age dependency ratio = Population aged 65 and over as a percentage of the population aged 15-64

(3) Total dependency ratio = Population under 15 and over 64 as a percentage of the population aged 15-64

(4) Total economic dependency ratio = Total population less employed as % of employed population 15-64

(5) Economic old-age dependency ratio (15-64) = Inactive population aged 65+ as % of employed population 15-64

NB: : = data not provided

Source : Commission Services (DG ECFIN), Eurostat (EUROPOP2008), EPC (AWG).

EU12 EC-EPC (AWG) 2009 projections

Main demographic and macroeconomic assumptions

Demographic projections - EUROPOP2008 (EUROSTAT)	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Fertility rate	0.2	1.36	1.38	1.40	1.44	1.47	1.51	1.54
Life expectancy at birth								
males	11.2	71.2	72.9	74.1	76.4	78.5	80.5	82.3
females	8.6	79.0	80.3	81.2	83.0	84.6	86.2	87.6
Life expectancy at 65								
males	6.5	14.2	15.1	15.8	17.0	18.3	19.5	20.7
females	6.2	17.8	18.7	19.4	20.6	21.8	23.0	24.0
Net migration (thousand)	16.9	37.1	82.7	86.0	52.4	99.6	99.3	54.0
Net migration as % of population	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1
Population (million)	-18.0	103.2	102.6	102.0	99.1	94.9	90.4	85.2
Children population (0-14) as % of total population	-3.2	15.1	14.7	14.8	13.1	11.9	12.1	11.8
Prime age population (25-54) as % of total population	-10.8	43.9	43.9	43.9	40.9	36.7	33.6	33.1
Working age population (15-64) as % of total population	-16.8	70.3	69.1	66.8	64.7	62.4	57.0	53.5
Elderly population (65 and over) as % of total population	20.1	14.6	16.2	18.5	22.2	25.8	30.9	34.7
Very elderly population (80 and over) as % of total population	9.8	3.1	4.0	4.4	5.7	8.5	9.7	12.9
Very elderly population (80 and over) as % of elderly population	15.9	21.3	24.4	23.5	25.6	33.0	31.4	37.2
Very elderly population (80 and over) as % of working age population	19.7	4.4	5.7	6.5	8.8	13.6	17.0	24.1
Macroeconomic assumptions*	AVG 07-60	2007	2015	2020	2030	2040	2050	2060
Potential GDP (growth rate)	1.8	5.7	3.3	2.6	1.8	0.8	0.4	0.7
Employment (growth rate)	-0.7	1.5	-0.1	-0.5	-0.7	-1.1	-1.3	-1.0
Labour input : hours worked (growth rate)	-0.7	1.7	-0.1	-0.5	-0.7	-1.2	-1.3	-1.0
Labour productivity per hour (growth rate)	2.5	3.8	3.4	3.1	2.5	2.0	1.7	1.7
TFP (growth rate)	1.4	2.1	1.7	1.7	1.6	1.3	1.1	1.1
Capital deepening (contribution to labour productivity growth)	1.0	1.7	1.7	1.4	0.9	0.7	0.6	0.6
GDP per capita (growth rate)	2.2	6.1	3.3	2.8	2.2	1.3	0.9	1.4
GDP per worker (growth rate)	2.5	4.1	3.4	3.1	2.6	2.0	1.8	1.7
GDP in 2007 prices (in millions euros)		859.6	1196.6	1375.3	1691.6	1904.6	2014.4	2133.9
Labour force assumptions	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Working age population (15-64) (in thousands)	-26959	72534	70857	68072	64068	59204	51583	45576
Population growth (working age:15-64)	-1.0	0.2	-0.7	-0.8	-0.5	-1.2	-1.5	-0.9
Labour force 15-64 (thousands)	-16595	47160	47734	46336	43350	39166	34214	30565
Participation rate (15-64)	2.6	65.0	67.9	68.6	68.0	67.0	67.3	67.6
young (15-24)	-0.9	33.4	36.4	33.6	32.3	34.4	33.5	32.5
prime-age (25-54)	0.3	82.7	83.0	83.2	83.4	82.9	82.9	82.9
older (55-64)	12.3	38.5	44.5	45.8	49.8	50.5	51.2	50.8
Participation rate (15-64) - FEMALES	4.3	58.3	61.8	63.0	62.8	61.7	62.1	62.6
young (15-24)	-0.8	28.8	31.6	29.0	27.8	29.7	28.9	28.0
prime-age (25-54)	2.1	76.6	77.7	78.2	79.1	78.5	78.5	78.7
older (55-64)	14.9	28.7	36.6	38.1	41.8	43.0	43.9	43.7
Participation rate (15-64) - MALES	0.7	71.7	73.9	74.3	73.1	72.2	72.5	72.4
young (15-24)	-1.0	37.8	41.1	37.9	36.6	38.9	37.9	36.8
prime-age (25-54)	-1.7	88.7	88.3	88.1	87.5	87.1	87.1	87.1
older (55-64)	8.3	49.7	53.5	54.3	58.5	58.2	58.8	58.0
Employment rate (15-64)	4.0	59.9	64.0	64.9	64.2	63.3	63.6	63.9
Employment rate (20-64)	2.6	65.8	68.0	68.7	68.9	66.9	67.0	68.4
Employment rate (15-71)	1.0	56.1	59.1	59.2	59.1	57.5	56.4	57.2
Unemployment rate (15-64)	-2.4	7.9	5.7	5.5	5.5	5.5	5.5	5.5
Employment (15-64) (in millions)	-14.6	43.5	45.0	43.8	41.0	37.0	32.3	28.9
share of young (15-24)	-2%	9%	8%	7%	7%	7%	7%	7%
share of prime-age (25-54)	-4%	80%	79%	80%	77%	73%	73%	76%
share of older (55-64)	6%	10%	13%	13%	16%	20%	20%	17%
Dependency ratios:	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Share of older population (55-64) (1)	4.7	17.0	19.9	19.3	20.6	25.4	25.9	21.7
Old-age dependency ratio (2)	44	21	23	28	34	41	54	65
Total dependency ratio (3)	45	42	45	50	55	60	75	87
Total economic dependency ratio (4)	56	133	126	130	138	151	173	188
Economic old-age dependency ratio (15-64) (5)	63	32	34	40	50	61	80	96

Pension expenditure projections

Baseline scenario as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	2.3	9.2	8.6	8.8	9.2	10.1	11.1	11.5
Old-age and early pensions, gross	2.5	7.7	7.3	7.5	7.9	8.7	9.7	10.2
Of which : earnings-related pensions, gross	:	:	:	:	:	:	:	:
Other pensions (disability, survivors), gross	-0.2	1.5	1.3	1.2	1.3	1.4	1.4	1.4
Occupational pensions, gross	:	:	:	:	:	:	:	:
Private mandatory pensions, gross	:	:	:	:	:	:	:	:
Social security pensions, net	:	:	:	:	:	:	:	:
Social security pensions, contributions	-0.6	7.1	6.5	6.5	6.3	6.4	6.4	6.5
Social security pensions, assets	:	:	:	:	:	:	:	:

Additional indicators	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, net/social sec. Pensions, gross, %	:	:	:	:	:	:	:	:
Pensioners (social security, in 1000 persons)	4769	27440	26343	26962	28568	30815	32670	32209
Pensioners aged 65+ (1000 pers)	:	:	:	:	:	:	:	:
Share of pensioners below age 65 as % of all pensioners	:	:	:	:	:	:	:	:
Average gross pension (social security - € 1000 in 2007 prices)	4.8	2.9	3.9	4.5	5.5	6.3	6.9	7.7
Benefit ratio (Social security pensions)	-11.7	43.8	44.3	43.2	40.2	37.3	34.2	32.1
Gross replacement rate at retirement (social security pensions)	:	:	:	:	:	:	:	:
Contributors (social security pensions, in 1000 persons)	-10554	40341	43019	42449	39971	37007	32978	29787
Support ratio (contributors/100 pensioners, social security pensions)	-54.5	147	163	157	140	120	101	92
High life expectancy as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.3	0.0	0.0	0.0	0.1	0.1	0.2	0.3
Old-age and early pensions, gross	0.3	0.0	0.0	0.0	0.1	0.1	0.2	0.3
High labour productivity as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.3	0.0	0.0	-0.1	-0.1	-0.2	-0.2	-0.3
Old-age and early pensions, gross	-0.2	0.0	0.0	-0.1	-0.1	-0.2	-0.2	-0.2
Zero migration as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.7	0.0	0.0	0.1	0.2	0.3	0.5	0.7
Old-age and early pensions, gross	0.6	0.0	0.0	0.1	0.2	0.3	0.5	0.6
High employment rate (1 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Old-age and early pensions, gross	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
High older workers empl. Rate (5 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.0	0.0	-0.1	-0.1	-0.1	-0.1	0.0	0.0
Old-age and early pensions, gross	0.1	0.0	-0.1	-0.1	-0.1	-0.1	0.0	0.1
Decomposition of the increase (in p.p.) in pension expenditure (social security) - selected years	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Social security pensions, gross as % of GDP	2.1	9.4	8.6	8.8	9.2	10.1	11.1	11.5
Social security pensions, gross as % of GDP - p.p. ch. from 2007 due to :		0.2	-0.6	-0.4	0.0	0.9	1.9	2.3
Dependency ratio	11.7	0.0	1.3	2.8	4.8	6.6	9.6	11.7
Coverage ratio	-4.5	-0.2	-1.2	-2.1	-2.9	-3.2	-3.9	-4.7
Employment effect	-0.4	-0.1	-0.5	-0.6	-0.6	-0.4	-0.4	-0.5
Benefit ratio	-3.5	0.5	0.1	-0.1	-0.7	-1.4	-2.3	-3.0
Interaction effect (residual)	-1.2	0.0	-0.2	-0.4	-0.6	-0.8	-1.1	-1.2
over selected time periods	2007-2060		2007-2015	2015-2020	2025-2030	2035-2040	2045-2050	2055-2060
Social security pensions, gross as % of GDP	2.3		-0.58	0.15	0.23	0.50	0.51	0.12
Dependency ratio	11.7		1.26	1.54	0.69	1.07	1.47	0.73
Coverage ratio	-4.7		-1.25	-0.83	-0.16	-0.18	-0.36	-0.29
Employment effect	-0.5		-0.52	-0.11	0.09	0.09	-0.03	-0.05
Benefit ratio	-3.0		0.12	-0.21	-0.37	-0.36	-0.44	-0.28
Interaction effect (residual)	-1.21		-0.18	-0.25	-0.02	-0.11	-0.14	0.02

Health care

Health care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	1.4	4.7	4.9	5.1	5.4	5.7	5.9	6.0
Pure ageing scenario	1.6	4.7	4.8	5.0	5.4	5.7	6.0	6.3
Labour intensity scenario	2.8	4.7	4.7	4.9	5.4	6.0	6.9	7.5
Constant health scenario	0.3	4.7	4.7	4.7	4.8	4.8	4.9	4.9
Fast cost growth scenario	2.0	4.7	5.2	5.4	5.7	6.1	6.5	6.7
Cost convergence scenario	4.3	4.7	5.0	5.4	6.1	6.9	7.9	9.0
Death-related cost scenario	1.4	4.7	4.7	4.9	5.2	5.6	5.8	6.0
Income elasticity scenario	2.0	4.7	5.0	5.2	5.7	6.1	6.4	6.7

Long-term care

Long-term care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	0.5	0.3	0.3	0.4	0.4	0.5	0.6	0.8
Pure demographic scenario	0.5	0.3	0.3	0.4	0.4	0.5	0.7	0.8
GDP per capita scenario	0.4	0.3	0.3	0.4	0.4	0.5	0.6	0.7
Constant disability scenario	0.4	0.3	0.3	0.4	0.4	0.5	0.6	0.8
GDP per worker fast growth scenario	0.6	0.3	0.4	0.4	0.5	0.6	0.7	0.9
Shift 1% of dependents from informal to home care scenario	0.6	0.3	0.4	0.4	0.5	0.6	0.8	0.9
Shift 1% of dependents from informal to institutional care scenario	0.7	0.3	0.4	0.4	0.5	0.6	0.8	1.0
Shift 1% of dependents from informal to home/institutional care scenario	0.6	0.3	0.4	0.4	0.5	0.6	0.8	1.0

Number of dependent people (in thousands)	% Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	104%	4902	5467	6045	7135	8148	9191	10012
of which: receiving formal care	143%	*915*	*1060*	*1174*	*1438*	*1729*	*1973*	*2226*
relying on informal or no care	95%	*3987*	*4407*	*4870*	*5697*	*6419*	*7218*	*7786*
Pure demographic scenario	114%	4902	5503	6103	7285	8368	9523	10488
of which: receiving formal care	155%	*915*	*1068*	*1188*	*1472*	*1780*	*2051*	*2336*
relying on informal or no care	104%	*3987*	*4435*	*4915*	*5813*	*6588*	*7473*	*8152*
Constant disability scenario	95%	4902	5431	5987	6984	7928	8858	9537
of which: receiving formal care	131%	*915*	*1051*	*1161*	*1404*	*1677*	*1896*	*2117*
relying on informal or no care	86%	*3987*	*4380*	*4826*	*5580*	*6251*	*6963*	*7421*
Shift 1% of dependents from informal to home scenario	114%	4902	5503	6103	7285	8368	9523	10488
of which: receiving formal care	270%	*915*	*1508*	*1798*	*2201*	*2616*	*3003*	*3385*
relying on informal or no care	78%	*3987*	*3995*	*4304*	*5085*	*5752*	*6520*	*7103*

Education

Education spending as % of GDP - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	-0.71	3.9	3.1	3.1	3.1	2.9	3.0	3.2
Expenditure decomposition (broadly constant) : Transfers (5%) - Staff (61%) - Other (34%)								
Primary	-0.06	1.2	1.1	1.1	1.0	0.9	1.0	1.1
Expenditure decomposition (broadly constant) : Transfers (3%) - Staff (68%) - Other (30%)								
Low secondary	:	:	:	:	:	:	:	:
Expenditure decomposition (broadly constant) : Transfers (-%) - Staff (-%) - Other (-%)								
Upper secondary	-0.24	1.0	0.7	0.7	0.8	0.7	0.7	0.8
Expenditure decomposition (broadly constant) : Transfers (6%) - Staff (62%) - Other (32%)								
Tertiary education	-0.28	1.0	0.8	0.7	0.7	0.7	0.7	0.7
Expenditure decomposition (broadly constant) : Transfers (9%) - Staff (47%) - Other (44%)								
Number of students (in thousands)								
Total	-8829	20134	16695	16075	15178	13047	11864	11305
as % of population 5-24	:	:	:	:	:	:	:	:
Primary	-1824	5273	4992	5148	4543	3755	3684	3448
Low secondary	-1929	4624	3685	3772	3650	2996	2767	2695
Upper secondary	-2722	5617	4164	3846	3958	3426	2952	2895
Tertiary education	-2354	4620	3854	3308	3026	2870	2460	2266
Number of teachers (in thousands)								
Total	-610	1416	1170	1142	1083	921	842	806
Primary	-143	406	380	393	349	286	280	263
Low secondary	-168	402	318	325	316	260	239	233
Upper secondary	-183	382	283	263	271	235	203	199
Tertiary education	-115	226	188	161	148	140	120	111

Education spending as % of GDP - Higher compensation per teacher (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.19	-0.1	0.0	0.0	0.1	0.1	0.1	0.1

Education spending as % of GDP - Higher ratio teachers/students (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.37	0.1	0.3	0.4	0.4	0.4	0.4	0.4

Education spending as % of GDP - Higher attainment rates in tertiary education (45% by 2020) (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.15	0.3	0.4	0.4	0.4	0.4	0.4	0.4

Unemployment benefit

Unemployment benefit - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Unemployment benefit spending as % of GDP	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1

LEGENDA:

*** The potential GDP and its components is used to estimate the rate of potential output growth, net of normal cyclical variations**

(1) Share of older population = Population aged 55 to 64 as % of population aged 15-64

(2) Old-age dependency ratio = Population aged 65 and over as a percentage of the population aged 15-64

(3) Total dependency ratio = Population under 15 and over 64 as a percentage of the population aged 15-64

(4) Total economic dependency ratio = Total population less employed as % of employed population 15-64

(5) Economic old-age dependency ratio (15-64) = Inactive population aged 65+ as % of employed population 15-64

NB: : = data not provided

Source : Commission Services (DG ECFIN), Eurostat (EUROPOP2008), EPC (AWG).

EU25 EC-EPC (AWG) 2009 projections

Main demographic and macroeconomic assumptions

Demographic projections - EUROPOP2008 (EUROSTAT)	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Fertility rate	0.1	1.53	1.55	1.56	1.58	1.60	1.63	1.65
Life expectancy at birth								
males	8.9	74.9	76.3	77.3	79.1	80.8	82.4	83.9
females	7.2	81.3	82.5	83.2	84.7	86.1	87.4	88.6
Life expectancy at 65								
males	5.6	15.9	16.7	17.2	18.4	19.5	20.5	21.5
females	5.4	19.4	20.2	20.7	21.8	22.9	23.9	24.8
Net migration (thousand)	-890.2	1690.9	1399.1	1246.2	1094.4	990.1	910.1	800.8
Net migration as % of population	-0.2	0.4	0.3	0.3	0.2	0.2	0.2	0.2
Population (million)	17.0	466.3	479.2	485.8	493.1	494.6	491.2	483.3
Children population (0-14) as % of total population	-1.6	15.7	15.5	15.4	14.6	14.1	14.2	14.1
Prime age population (25-54) as % of total population	-8.5	43.0	41.9	40.5	37.5	35.9	34.7	34.5
Working age population (15-64) as % of total population	-11.0	67.1	65.7	64.4	61.7	59.0	57.1	56.1
Elderly population (65 and over) as % of total population	12.6	17.2	18.8	20.2	23.7	26.9	28.7	29.7
Very elderly population (80 and over) as % of total population	7.6	4.5	5.3	5.8	7.0	8.9	11.1	12.1
Very elderly population (80 and over) as % of elderly population	14.5	26.2	28.1	28.7	29.6	33.2	38.6	40.7
Very elderly population (80 and over) as % of working age population	14.8	6.7	8.0	9.0	11.4	15.1	19.4	21.5
Macroeconomic assumptions*	AVG 07-60	2007	2015	2020	2030	2040	2050	2060
Potential GDP (growth rate)	1.7	2.6	2.3	2.1	1.7	1.4	1.4	1.5
Employment (growth rate)	-0.1	1.2	0.4	0.1	-0.2	-0.3	-0.4	-0.3
Labour input : hours worked (growth rate)	-0.1	1.0	0.4	0.1	-0.2	-0.4	-0.4	-0.3
Labour productivity per hour (growth rate)	1.8	1.6	1.9	2.0	1.8	1.7	1.7	1.7
TFP (growth rate)	1.1	1.0	1.2	1.2	1.2	1.1	1.1	1.1
Capital deepening (contribution to labour productivity growth)	0.7	0.7	0.7	0.8	0.6	0.6	0.6	0.6
GDP per capita (growth rate)	1.6	2.0	2.0	1.8	1.6	1.4	1.5	1.7
GDP per worker (growth rate)	1.8	1.4	1.9	2.0	1.8	1.7	1.7	1.7
GDP in 2007 prices (in millions euros)		12144.5	14655.0	16291.6	19384.9	22343.7	25548.5	29295.8
Labour force assumptions	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Working age population (15-64) (in thousands)	-40264	311540	315071	313041	304220	291969	280708	271276
Population growth (working age:15-64)	-0.7	0.5	-0.1	-0.2	-0.4	-0.4	-0.4	-0.2
Labour force 15-64 (thousands)	-18950	221353	230478	230460	224890	217097	209168	202403
Participation rate (15-64)	4.0	70.7	73.2	73.8	74.2	74.6	74.8	74.8
young (15-24)	1.3	45.9	48.3	46.8	46.5	47.7	47.7	47.2
prime-age (25-54)	2.2	84.4	85.8	86.5	86.6	86.6	86.6	86.6
older (55-64)	16.7	46.7	53.8	56.8	62.0	62.8	63.6	63.4
Participation rate (15-64) - FEMALES	6.5	63.5	67.1	68.1	69.2	69.8	70.0	70.0
young (15-24)	1.3	42.4	44.6	43.2	42.9	44.1	44.1	43.6
prime-age (25-54)	4.6	76.8	79.5	80.7	81.3	81.4	81.3	81.4
older (55-64)	21.5	37.6	46.8	50.5	56.4	58.2	59.1	59.0
Participation rate (15-64) - MALES	1.4	77.9	79.3	79.3	79.2	79.3	79.5	79.4
young (15-24)	1.3	49.3	51.8	50.2	49.9	51.2	51.1	50.7
prime-age (25-54)	-0.3	92.0	91.9	92.2	91.7	91.6	91.7	91.7
older (55-64)	11.3	56.4	61.1	63.4	67.8	67.5	68.1	67.7
Employment rate (15-64)	4.9	65.6	68.7	69.5	70.0	70.4	70.5	70.5
Employment rate (20-64)	4.7	70.4	72.7	73.6	74.2	74.6	74.7	75.1
Employment rate (15-71)	3.4	60.4	62.7	63.3	63.0	63.4	63.6	63.7
Unemployment rate (15-64)	-1.6	7.3	6.2	5.7	5.7	5.7	5.7	5.7
Employment (15-64) (in millions)	-14.4	205.3	216.2	217.3	212.0	204.7	197.2	190.9
share of young (15-24)	0%	11%	10%	10%	10%	10%	10%	10%
share of prime-age (25-54)	-5%	77%	75%	74%	71%	71%	71%	72%
share of older (55-64)	6%	12%	15%	16%	18%	19%	19%	18%
Dependency ratios:	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Share of older population (55-64) (1)	2.9	17.6	19.3	20.7	21.9	21.6	21.8	20.6
Old-age dependency ratio (2)	27	26	29	31	38	46	50	53
Total dependency ratio (3)	29	49	52	55	62	69	75	78
Total economic dependency ratio (4)	25	124	120	121	129	138	145	149
Economic old-age dependency ratio (15-64) (5)	34	37	40	43	52	61	67	71

Pension expenditure projections

Baseline scenario as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	2.3	10.2	10.3	10.5	11.4	12.1	12.3	12.5
Old-age and early pensions, gross	2.4	9.2	9.3	9.6	10.4	11.2	11.4	11.6
Of which : earnings-related pensions, gross	:	:	:	:	:	:	:	:
Other pensions (disability, survivors), gross	:	:	:	:	:	:	:	:
Occupational pensions, gross	:	:	:	:	:	:	:	:
Private mandatory pensions, gross	:	:	:	:	:	:	:	:
Social security pensions, net	:	:	:	:	:	:	:	:
Social security pensions, contributions	:	:	:	:	:	:	:	:
Social security pensions, assets	:	:	:	:	:	:	:	:

Additional indicators	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, net/social sec. Pensions, gross, %	:	:	:	:	:	:	:	:
Pensioners (social security, in 1000 persons)	48740	109227	116176	122209	138191	151512	156213	157968
Pensioners aged 65+ (1000 pers)	:	:	:	:	:	:	:	:
Share of pensioners below age 65 as % of all pensioners	:	:	:	:	:	:	:	:
Average gross pension (social security - € 1000 in 2007 prices)	12.2	11.3	12.9	13.9	15.8	17.8	20.3	23.5
Benefit ratio (Social security pensions)	-9.8	50.4	50.9	50.1	47.1	44.1	41.9	40.6
Gross replacement rate at retirement (social security pensions)	:	:	:	:	:	:	:	:
Contributors (social security pensions, in 1000 persons)	:	:	:	:	:	:	:	:
Support ratio (contributors/100 pensioners, social security pensions)	:	:	:	:	:	:	:	:
High life expectancy as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.3	0.0	0.0	0.0	0.1	0.1	0.2	0.3
Old-age and early pensions, gross	0.3	0.0	0.0	0.0	0.1	0.1	0.2	0.3
High labour productivity as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.4	0.0	0.0	-0.1	-0.2	-0.3	-0.4	-0.4
Old-age and early pensions, gross	-0.4	0.0	0.0	-0.1	-0.2	-0.3	-0.3	-0.4
Zero migration as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	1.8	0.0	0.3	0.5	0.9	1.5	1.8	1.8
Old-age and early pensions, gross	1.7	0.0	0.2	0.4	0.9	1.4	1.8	1.7
High employment rate (1 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Old-age and early pensions, gross	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
High older workers empl. Rate (5 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.1	0.0	-0.1	-0.2	-0.2	-0.1	-0.1	-0.1
Old-age and early pensions, gross	-0.1	0.0	-0.1	-0.2	-0.2	-0.1	-0.1	-0.1
Decomposition of the increase (in p.p.) in pension expenditure (social security) - selected years	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Social security pensions, gross as % of GDP	2.3	10.2	10.3	10.5	11.4	12.1	12.3	12.5
Social security pensions, gross as % of GDP - p.p. ch. from 2007 due to :		0.0	0.1	0.3	1.2	1.9	2.1	2.3
Dependency ratio	8.4	0.1	1.3	2.3	4.6	6.6	7.8	8.5
Coverage ratio	-2.4	-0.1	-0.7	-1.0	-1.6	-2.0	-2.3	-2.4
Employment effect	-0.6	-0.1	-0.4	-0.5	-0.6	-0.6	-0.7	-0.7
Benefit ratio	-2.5	0.1	0.0	-0.2	-0.8	-1.5	-2.1	-2.5
Interaction effect (residual)	-0.6	0.0	-0.1	-0.2	-0.4	-0.6	-0.6	-0.6
over selected time periods	2007-2060		2007-2015	2015-2020	2025-2030	2035-2040	2045-2050	2055-2060
Social security pensions, gross as % of GDP	2.3		0.10	0.25	0.48	0.31	0.08	0.06
Dependency ratio	8.5		1.26	1.00	1.24	0.88	0.57	0.23
Coverage ratio	-2.4		-0.65	-0.36	-0.27	-0.16	-0.15	-0.02
Employment effect	-0.7		-0.40	-0.12	-0.03	-0.03	-0.01	-0.01
Benefit ratio	-2.5		0.03	-0.19	-0.34	-0.35	-0.28	-0.14
Interaction effect (residual)	-0.62		-0.13	-0.09	-0.12	-0.03	-0.03	0.01

Health care

Health care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	1.7	6.8	7.0	7.1	7.5	7.9	8.3	8.4
Pure ageing scenario	1.9	6.8	7.0	7.1	7.5	8.0	8.4	8.6
Labour intensity scenario	2.6	6.8	6.9	7.0	7.7	8.4	9.0	9.4
Constant health scenario	0.8	6.8	6.8	6.9	7.0	7.3	7.5	7.6
Fast cost growth scenario	2.5	6.8	7.5	7.6	8.0	8.6	9.0	9.2
Cost convergence scenario	1.9	6.8	6.9	7.0	7.5	8.0	8.4	8.7
Death-related cost scenario	1.4	6.8	6.8	6.9	7.3	7.7	8.0	8.1
Income elasticity scenario	2.2	6.8	7.1	7.3	7.7	8.3	8.7	9.0

Long-term care

Long-term care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	1.2	1.2	1.4	1.4	1.7	2.0	2.3	2.4
Pure demographic scenario	1.3	1.2	1.4	1.4	1.7	2.0	2.4	2.6
GDP per capita scenario	1.1	1.2	1.4	1.4	1.6	1.9	2.2	2.3
Constant disability scenario	1.1	1.2	1.3	1.4	1.6	1.9	2.2	2.3
GDP per worker fast growth scenario	1.6	1.2	1.5	1.6	1.9	2.2	2.6	2.8
Shift 1% of dependents from informal to home care scenario	1.5	1.2	1.4	1.5	1.8	2.2	2.5	2.7
Shift 1% of dependents from informal to institutional care scenario	2.0	1.2	1.6	1.8	2.1	2.5	3.0	3.2
Shift 1% of dependents from informal to home/institutional care scenario	1.7	1.2	1.5	1.6	1.9	2.3	2.7	3.0

Number of dependent people (in thousands)	% Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	104%	18893	21775	23693	28164	33128	37162	38624
of which: receiving formal care	150%	*8108*	*10282*	*11229*	*13735*	*16728*	*19264*	*20275*
relying on informal or no care	70%	*10785*	*11493*	*12464*	*14429*	*16400*	*17898*	*18348*
Pure demographic scenario	117%	18893	22006	24110	29056	34610	39173	41029
of which: receiving formal care	164%	*8108*	*10387*	*11417*	*14147*	*17415*	*20209*	*21382*
relying on informal or no care	82%	*10785*	*11619*	*12693*	*14908*	*17195*	*18964*	*19647*
Constant disability scenario	92%	18893	21545	23275	27272	31646	35151	36219
of which: receiving formal care	136%	*8108*	*10177*	*11041*	*13322*	*16041*	*18318*	*19169*
relying on informal or no care	58%	*10785*	*11367*	*12234*	*13951*	*15604*	*16832*	*17050*
Shift 1% of dependents from informal to home scenario	117%	18893	22006	24110	29056	34610	39173	41029
of which: receiving formal care	232%	*8108*	*12630*	*14479*	*17854*	*21908*	*25408*	*26885*
relying on informal or no care	31%	*10785*	*9376*	*9631*	*11201*	*12702*	*13765*	*14144*

Education

Education spending as % of GDP - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	-0.18	4.3	4.0	4.0	4.0	4.0	4.0	4.1
Expenditure decomposition (broadly constant) : Transfers (7%) - Staff (66%) - Other (27%)								
Primary	0.04	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Expenditure decomposition (broadly constant) : Transfers (1%) - Staff (71%) - Other (28%)								
Low secondary	:	:	:	:	:	:	:	:
Expenditure decomposition (broadly constant) : Transfers (-%) - Staff (-%) - Other (-%)								
Upper secondary	:	:	:	:	:	:	:	:
Expenditure decomposition (broadly constant) : Transfers (-%) - Staff (-%) - Other (-%)								
Tertiary education	:	:	:	:	:	:	:	:
Expenditure decomposition (broadly constant) : Transfers (-%) - Staff (-%) - Other (-%)								
Number of students (in thousands)								
Total	-9255	86802	83132	83233	82623	79455	78037	77547
as % of population 5-24	:	:	:	:	:	:	:	:
Primary	-919	26591	27474	27966	27041	25790	26032	25672
Low secondary	-2324	21103	19949	20370	20259	19195	18812	18779
Upper secondary	-3187	21968	19696	19580	19982	19389	18712	18782
Tertiary education	-2826	17139	16012	15318	15341	15081	14482	14313
Number of teachers (in thousands)								
Total	-735	6105	5779	5810	5748	5504	5408	5370
Primary	-133	1876	1907	1936	1854	1764	1776	1743
Low secondary	-205	1595	1485	1521	1506	1421	1393	1390
Upper secondary	-219	1675	1500	1506	1544	1491	1446	1456
Tertiary education	:	:	:	:	:	:	:	:

Education spending as % of GDP - Higher compensation per teacher (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.10	-0.1	0.0	0.0	0.0	0.0	0.0	0.0

Education spending as % of GDP - Higher ratio teachers/students (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.49	0.1	0.3	0.5	0.6	0.6	0.6	0.6

Education spending as % of GDP - Higher attainment rates in tertiary education (45% by 2020) (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.14	0.2	0.3	0.3	0.3	0.3	0.3	0.3

Unemployment benefit

Unemployment benefit - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Unemployment benefit spending as % of GDP	-0.2	0.8	0.7	0.6	0.6	0.6	0.6	0.6

LEGENDA:

*** The potential GDP and its components is used to estimate the rate of potential output growth, net of normal cyclical variations**

(1) Share of older population = Population aged 55 to 64 as % of population aged 15-64

(2) Old-age dependency ratio = Population aged 65 and over as a percentage of the population aged 15-64

(3) Total dependency ratio = Population under 15 and over 64 as a percentage of the population aged 15-64

(4) Total economic dependency ratio = Total population less employed as % of employed population 15-64

(5) Economic old-age dependency ratio (15-64) = Inactive population aged 65+ as % of employed population 15-64

NB: : = data not provided

Source : Commission Services (DG ECFIN), Eurostat (EUROPOP2008), EPC (AWG).

Euro-Area (12 countries) EC-EPC (AWG) 2009 projections

Main demographic and macroeconomic assumptions

Demographic projections - EUROPOP2008 (EUROSTAT)	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Fertility rate	0.1	1.59	1.61	1.62	1.63	1.65	1.67	1.69
Life expectancy at birth								
males	7.6	77.2	78.3	79.2	80.7	82.2	83.5	84.8
females	6.4	82.8	83.8	84.5	85.8	87.0	88.1	89.2
Life expectancy at 65								
males	5.1	16.9	17.6	18.2	19.2	20.2	21.1	22.0
females	4.9	20.4	21.1	21.6	22.6	23.5	24.4	25.2
Net migration (thousand)	-788.2	1402.2	1105.9	966.1	860.8	744.3	676.4	614.0
Net migration as % of population	-0.3	0.4	0.3	0.3	0.3	0.2	0.2	0.2
Population (million)	10.8	316.3	326.2	330.7	335.6	336.8	333.8	327.1
Children population (0-14) as % of total population	-1.5	15.4	15.3	15.0	14.2	13.8	13.9	13.9
Prime age population (25-54) as % of total population	-9.0	43.3	41.8	40.0	36.7	35.2	34.4	34.2
Working age population (15-64) as % of total population	-10.5	66.5	65.2	64.2	61.2	58.0	56.3	56.0
Elderly population (65 and over) as % of total population	12.1	18.1	19.5	20.9	24.6	28.2	29.8	30.1
Very elderly population (80 and over) as % of total population	8.0	4.8	5.7	6.3	7.4	9.3	11.9	12.8
Very elderly population (80 and over) as % of elderly population	15.9	26.4	29.0	30.1	30.1	33.1	39.9	42.4
Very elderly population (80 and over) as % of working age population	15.6	7.2	8.7	9.8	12.1	16.1	21.1	22.8
Macroeconomic assumptions*	AVG 07-60	2007	2015	2020	2030	2040	2050	2060
Potential GDP (growth rate)	1.6	2.2	2.2	2.0	1.5	1.3	1.4	1.5
Employment (growth rate)	-0.1	1.2	0.5	0.2	-0.2	-0.4	-0.4	-0.2
Labour input : hours worked (growth rate)	-0.1	0.9	0.5	0.2	-0.2	-0.4	-0.4	-0.2
Labour productivity per hour (growth rate)	1.7	1.3	1.7	1.9	1.8	1.7	1.7	1.7
TFP (growth rate)	1.1	0.7	1.1	1.2	1.1	1.1	1.1	1.1
Capital deepening (contribution to labour productivity growth)	0.6	0.5	0.6	0.7	0.6	0.6	0.6	0.6
GDP per capita (growth rate)	1.5	1.6	1.8	1.8	1.5	1.3	1.5	1.7
GDP per worker (growth rate)	1.7	1.0	1.7	1.9	1.8	1.7	1.7	1.7
GDP in 2007 prices (in millions euros)		8856.7	10479.9	11622.5	13696.0	15658.7	17840.2	20515.1
Labour force assumptions	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Working age population (15-64) (in thousands)	-26345	209382	212660	212131	205382	195216	188026	183037
Population growth (working age:15-64)	-0.6	0.4	0.0	-0.1	-0.6	-0.4	-0.3	-0.2
Labour force 15-64 (thousands)	-12956	149067	155939	156328	151875	145638	140108	136112
Participation rate (15-64)	3.6	70.9	73.3	73.8	74.4	74.9	74.7	74.5
young (15-24)	-0.4	45.4	46.2	45.0	45.1	45.7	45.2	44.9
prime-age (25-54)	2.5	84.5	86.2	87.1	87.1	87.0	87.0	87.1
older (55-64)	17.7	45.5	54.2	57.7	63.0	64.2	63.8	63.2
Participation rate (15-64) - FEMALES	6.3	63.2	67.0	67.9	69.0	69.9	69.7	69.5
young (15-24)	-0.7	41.8	42.4	41.3	41.2	41.9	41.4	41.0
prime-age (25-54)	5.2	76.2	79.5	80.9	81.5	81.4	81.4	81.5
older (55-64)	22.4	36.6	47.1	51.2	57.1	59.8	59.5	58.9
Participation rate (15-64) - MALES	0.9	78.5	79.6	79.6	79.6	79.8	79.6	79.3
young (15-24)	-0.2	48.8	49.9	48.6	48.7	49.4	48.8	48.6
prime-age (25-54)	-0.3	92.7	92.7	93.1	92.5	92.4	92.4	92.4
older (55-64)	12.6	54.8	61.5	64.3	68.9	68.5	68.0	67.4
Employment rate (15-64)	4.6	65.5	68.6	69.5	70.0	70.5	70.4	70.1
Employment rate (20-64)	4.7	70.1	72.7	73.7	74.2	74.8	74.8	74.9
Employment rate (15-71)	3.3	59.9	62.5	63.1	62.5	63.1	63.2	63.2
Unemployment rate (15-64)	-1.7	7.5	6.5	5.9	5.9	5.9	5.9	5.9
Employment (15-64) (in millions)	-9.7	137.9	145.7	147.2	143.0	137.1	131.9	128.1
share of young (15-24)	0%	10%	10%	9%	10%	10%	10%	10%
share of prime-age (25-54)	-6%	78%	76%	74%	71%	71%	72%	72%
share of older (55-64)	7%	11%	15%	17%	20%	19%	18%	18%
Dependency ratios:	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Share of older population (55-64) (1)	3.3	17.6	19.4	21.3	22.9	21.8	21.4	21.0
Old-age dependency ratio (2)	27	27	30	33	40	49	53	54
Total dependency ratio (3)	28	50	53	56	63	73	78	79
Total economic dependency ratio (4)	25	126	122	122	131	142	149	151
Economic old-age dependency ratio (15-64) (5)	33	40	42	45	54	65	71	73

Pension expenditure projections

Baseline scenario as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	2.7	11.1	11.3	11.6	12.6	13.6	13.9	13.8
Old-age and early pensions, gross	2.6	10.2	10.4	10.7	11.7	12.5	12.9	12.8
Of which : earnings-related pensions, gross	:	:	:	:	:	:	:	:
Other pensions (disability, survivors), gross	:	:	:	:	:	:	:	:
Occupational pensions, gross	:	:	:	:	:	:	:	:
Private mandatory pensions, gross	:	:	:	:	:	:	:	:
Social security pensions, net	:	:	:	:	:	:	:	:
Social security pensions, contributions	:	:	:	:	:	:	:	:
Social security pensions, assets	:	:	:	:	:	:	:	:

Additional indicators	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, net/social sec. Pensions, gross, %	:	:	:	:	:	:	:	:
Pensioners (social security, in 1000 persons)	35885	74091	80010	84781	97146	107037	110389	109975
Pensioners aged 65+ (1000 pers)	:	:	:	:	:	:	:	:
Share of pensioners below age 65 as % of all pensioners	:	:	:	:	:	:	:	:
Average gross pension (social security - € 1000 in 2007 prices)	12.5	13.3	14.8	15.8	17.7	19.8	22.5	25.8
Benefit ratio (Social security pensions)	-11.3	56.8	57.2	56.3	52.6	49.3	47.0	45.5
Gross replacement rate at retirement (social security pensions)	:	:	:	:	:	:	:	:
Contributors (social security pensions, in 1000 persons)	-3385	135702	145214	147487	145862	141216	135854	132317
Support ratio (contributors/100 pensioners, social security pensions)	-62.8	183	181	174	150	132	123	120
High life expectancy as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.3	0.0	0.0	0.0	0.1	0.1	0.2	0.3
Old-age and early pensions, gross	0.3	0.0	0.0	0.0	0.1	0.1	0.2	0.3
High labour productivity as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.5	0.0	0.0	-0.1	-0.3	-0.4	-0.5	-0.5
Old-age and early pensions, gross	-0.5	0.0	0.0	-0.1	-0.2	-0.4	-0.4	-0.5
Zero migration as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	1.8	0.0	0.3	0.5	1.0	1.6	1.9	1.8
Old-age and early pensions, gross	1.8	0.0	0.3	0.5	1.0	1.5	1.9	1.7
High employment rate (1 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.1	0.0	-0.1	-0.2	-0.2	-0.2	-0.2	-0.1
Old-age and early pensions, gross	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
High older workers empl. Rate (5 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.2	0.0	-0.1	-0.2	-0.2	-0.2	-0.2	-0.2
Old-age and early pensions, gross	-0.1	0.0	-0.1	-0.2	-0.2	-0.2	-0.1	-0.1
Decomposition of the increase (in p.p.) in pension expenditure (social security) - selected years	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Social security pensions, gross as % of GDP	2.7	11.1	11.3	11.6	12.6	13.6	13.9	13.8
Social security pensions, gross as % of GDP - p.p. ch. from 2007 due to :		0.0	0.2	0.5	1.6	2.5	2.8	2.7
Dependency ratio	8.8	0.1	1.2	2.2	4.8	7.4	8.6	8.8
Coverage ratio	-1.9	0.0	-0.5	-0.7	-1.2	-1.8	-2.0	-1.9
Employment effect	-0.6	0.0	-0.4	-0.6	-0.6	-0.7	-0.7	-0.7
Benefit ratio	-2.9	0.0	0.0	-0.2	-1.0	-1.8	-2.4	-2.9
Interaction effect (residual)	-0.7	0.0	-0.1	-0.2	-0.5	-0.6	-0.7	-0.7
over selected time periods	2007-2060		2007-2015	2015-2020	2025-2030	2035-2040	2045-2050	2055-2060
Social security pensions, gross as % of GDP	2.7		0.20	0.30	0.59	0.40	0.08	-0.10
Dependency ratio	8.8		1.23	0.96	1.52	1.07	0.47	0.04
Coverage ratio	-1.9		-0.47	-0.24	-0.32	-0.21	-0.08	0.04
Employment effect	-0.7		-0.44	-0.14	-0.05	-0.05	0.01	0.01
Benefit ratio	-2.9		-0.01	-0.20	-0.41	-0.39	-0.30	-0.19
Interaction effect (residual)	-0.66		-0.11	-0.09	-0.16	-0.03	-0.01	0.01

Health care

Health care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	1.4	6.7	7.0	7.2	7.5	7.9	8.1	8.2
Pure ageing scenario	1.6	6.7	7.0	7.2	7.5	8.0	8.3	8.3
Labour intensity scenario	2.3	6.7	6.9	7.0	7.6	8.4	8.9	9.1
Constant health scenario	0.7	6.7	6.8	6.9	7.1	7.3	7.5	7.4
Fast cost growth scenario	2.2	6.7	7.5	7.7	8.1	8.5	8.8	8.9
Cost convergence scenario	1.5	6.7	6.9	7.0	7.4	7.8	8.1	8.2
Death-related cost scenario	1.3	6.7	6.8	7.0	7.3	7.7	8.0	8.0
Income elasticity scenario	1.9	6.7	7.1	7.3	7.8	8.3	8.6	8.7

Long-term care

Long-term care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	1.4	1.3	1.5	1.5	1.8	2.2	2.5	2.7
Pure demographic scenario	1.5	1.3	1.5	1.6	1.8	2.3	2.6	2.8
GDP per capita scenario	1.2	1.3	1.5	1.6	1.8	2.1	2.4	2.6
Constant disability scenario	1.3	1.3	1.5	1.5	1.8	2.1	2.4	2.6
GDP per worker fast growth scenario	1.8	1.3	1.6	1.7	2.0	2.5	2.9	3.1
Shift 1% of dependents from informal to home care scenario	1.7	1.3	1.5	1.7	2.0	2.4	2.8	3.0
Shift 1% of dependents from informal to institutional care scenario	2.3	1.3	1.8	2.0	2.3	2.9	3.4	3.6
Shift 1% of dependents from informal to home/institutional care scenario	2.0	1.3	1.7	1.8	2.1	2.6	3.1	3.3

Number of dependent people (in thousands)	% Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	103%	12235	14246	15421	18170	21670	24459	24807
of which: receiving formal care	156%	*5677*	*7528*	*8226*	*9986*	*12203*	*14070*	*14554*
relying on informal or no care	56%	*6558*	*6719*	*7195*	*8183*	*9468*	*10389*	*10253*
Pure demographic scenario	117%	12235	14417	15732	18821	22776	25959	26519
of which: receiving formal care	171%	*5677*	*7610*	*8373*	*10309*	*12746*	*14815*	*15405*
relying on informal or no care	69%	*6558*	*6807*	*7359*	*8512*	*10030*	*11144*	*11114*
Constant disability scenario	89%	12235	14076	15109	17518	20565	22958	23095
of which: receiving formal care	141%	*5677*	*7446*	*8078*	*9664*	*11660*	*13324*	*13704*
relying on informal or no care	43%	*6558*	*6630*	*7032*	*7854*	*8905*	*9634*	*9391*
Shift 1% of dependents from informal to home scenario	117%	12235	14417	15732	18821	22776	25959	26519
of which: receiving formal care	243%	*5677*	*9246*	*10597*	*12992*	*16055*	*18693*	*19456*
relying on informal or no care	8%	*6558*	*5171*	*5135*	*5829*	*6721*	*7267*	*7062*

Education

Education spending as % of GDP - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	-0.15	4.2	4.0	3.9	3.9	3.9	4.0	4.1
Expenditure decomposition (broadly constant) : Transfers (6%) - Staff (69%) - Other (25%)								
Primary	0.02	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Expenditure decomposition (broadly constant) : Transfers (1%) - Staff (74%) - Other (24%)								
Low secondary	:	:	:	:	:	:	:	:
Expenditure decomposition (broadly constant) : Transfers (-%) - Staff (-%) - Other (-%)								
Upper secondary	:	:	:	:	:	:	:	:
Expenditure decomposition (broadly constant) : Transfers (-%) - Staff (-%) - Other (-%)								
Tertiary education	:	:	:	:	:	:	:	:
Expenditure decomposition (broadly constant) : Transfers (-%) - Staff (-%) - Other (-%)								
Number of students (in thousands)								
Total	-4643	55669	54954	55151	54071	52233	51667	51026
as % of population 5-24	:	:	:	:	:	:	:	:
Primary	-641	17044	17853	17980	17113	16660	16797	16404
Low secondary	-1165	14789	14721	14813	14547	13918	13761	13624
Upper secondary	-1465	13272	12416	12590	12501	12067	11859	11808
Tertiary education	-1372	10563	9964	9768	9911	9587	9250	9191
Number of teachers (in thousands)								
Total	-365	3991	3895	3926	3841	3700	3670	3626
Primary	-73	1202	1243	1247	1179	1150	1160	1130
Low secondary	-90	1062	1045	1060	1038	988	980	972
Upper secondary	-102	1082	1007	1032	1033	991	979	980
Tertiary education	:	:	:	:	:	:	:	:

Education spending as % of GDP - Higher compensation per teacher (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Education spending as % of GDP - Higher ratio teachers/students (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.45	0.0	0.2	0.4	0.4	0.4	0.4	0.4

Education spending as % of GDP - Higher attainment rates in tertiary education (45% by 2020) (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.13	0.1	0.3	0.3	0.3	0.3	0.3	0.3

Unemployment benefit

Unemployment benefit - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Unemployment benefit spending as % of GDP	-0.2	1.0	0.8	0.7	0.7	0.7	0.7	0.7

LEGENDA:

*** The potential GDP and its components is used to estimate the rate of potential output growth, net of normal cyclical variations**

(1) Share of older population = Population aged 55 to 64 as % of population aged 15-64

(2) Old-age dependency ratio = Population aged 65 and over as a percentage of the population aged 15-64

(3) Total dependency ratio = Population under 15 and over 64 as a percentage of the population aged 15-64

(4) Total economic dependency ratio = Total population less employed as % of employed population 15-64

(5) Economic old-age dependency ratio (15-64) = Inactive population aged 65+ as % of employed population 15-64

NB: : = data not provided

Source : Commission Services (DG ECFIN), Eurostat (EUROPOP2008), EPC (AWG).

EU10 EC-EPC (AWG) 2009 projections

Main demographic and macroeconomic assumptions

Demographic projections - EUROPOP2008 (EUROSTAT)	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Fertility rate	0.2	1.36	1.39	1.40	1.44	1.47	1.51	1.54
Life expectancy at birth								
males	11.0	71.5	73.2	74.3	76.6	78.7	80.7	82.5
females	8.3	79.4	80.7	81.6	83.3	84.9	86.4	87.8
Life expectancy at 65								
males	6.4	14.4	15.3	15.9	17.2	18.4	19.6	20.8
females	6.1	18.2	19.0	19.7	20.9	22.0	23.2	24.2
Net migration (thousand)	7.2	44.1	77.0	79.4	53.7	84.2	85.0	51.2
Net migration as % of population	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Population (million)	-11.3	74.1	74.1	74.0	72.3	69.4	66.4	62.8
Children population (0-14) as % of total population	-3.3	15.2	14.7	14.8	13.3	11.9	12.1	11.9
Prime age population (25-54) as % of total population	-10.8	43.9	43.6	43.5	40.9	36.7	33.7	33.1
Working age population (15-64) as % of total population	-17.1	70.6	69.2	66.6	64.1	62.4	57.0	53.5
Elderly population (65 and over) as % of total population	20.4	14.2	16.1	18.6	22.6	25.8	30.9	34.6
Very elderly population (80 and over) as % of total population	9.7	3.2	4.0	4.4	5.8	8.8	9.8	12.9
Very elderly population (80 and over) as % of elderly population	14.9	22.2	24.8	23.5	25.8	34.3	31.7	37.2
Very elderly population (80 and over) as % of working age population	19.6	4.5	5.8	6.6	9.1	14.2	17.1	24.1
Macroeconomic assumptions*	AVG 07-60	2007	2015	2020	2030	2040	2050	2060
Potential GDP (growth rate)	1.8	5.5	3.2	2.6	1.9	0.7	0.5	0.8
Employment (growth rate)	-0.6	1.9	-0.1	-0.5	-0.6	-1.0	-1.3	-0.9
Labour input : hours worked (growth rate)	-0.6	1.9	-0.1	-0.5	-0.6	-1.0	-1.2	-0.9
Labour productivity per hour (growth rate)	2.4	3.6	3.2	3.0	2.5	1.8	1.7	1.7
TFP (growth rate)	1.4	2.1	1.7	1.7	1.6	1.1	1.1	1.1
Capital deepening (contribution to labour productivity growth)	1.0	1.4	1.6	1.3	0.9	0.6	0.6	0.6
GDP per capita (growth rate)	2.1	5.7	3.2	2.7	2.2	1.2	0.9	1.4
GDP per worker (growth rate)	2.4	3.6	3.3	3.1	2.5	1.8	1.7	1.7
GDP in 2007 prices (in millions euros)		709.4	978.5	1121.6	1384.0	1544.4	1633.3	1734.8
Labour force assumptions	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Working age population (15-64) (in thousands)	-18609	52169	51266	49226	46344	43325	37848	33559
Population growth (working age:15-64)	-1.2	0.3	-0.7	-0.9	-0.5	-1.1	-1.5	-0.9
Labour force 15-64 (thousands)	-11160	34125	34792	33860	32011	29230	25659	22965
Participation rate (15-64)	3.7	65.2	68.4	69.4	69.4	68.3	68.8	69.0
young (15-24)	-1.2	34.0	37.3	34.5	32.6	34.9	34.1	32.8
prime-age (25-54)	1.0	83.4	84.3	84.6	84.9	84.4	84.5	84.4
older (55-64)	15.5	36.9	43.6	44.7	51.0	51.9	52.9	52.4
Participation rate (15-64) - FEMALES	5.5	58.5	62.3	63.7	64.2	62.9	63.4	64.0
young (15-24)	-1.0	29.6	32.6	30.2	28.4	30.5	29.8	28.6
prime-age (25-54)	2.8	77.3	78.8	79.5	80.6	80.0	79.9	80.1
older (55-64)	18.6	26.6	35.9	37.2	42.9	44.3	45.5	45.1
Participation rate (15-64) - MALES	1.8	72.1	74.5	75.1	74.5	73.6	74.1	73.9
young (15-24)	-1.4	38.3	41.7	38.6	36.6	39.2	38.3	36.9
prime-age (25-54)	-0.8	89.5	89.6	89.6	89.1	88.8	88.9	88.7
older (55-64)	10.9	48.8	52.2	53.1	59.7	59.8	60.6	59.7
Employment rate (15-64)	5.4	59.9	64.4	65.6	65.6	64.5	65.0	65.2
Employment rate (20-64)	3.9	66.0	68.5	69.5	70.5	68.4	68.6	69.9
Employment rate (15-71)	1.9	55.9	59.2	59.4	59.8	58.3	57.2	57.8
Unemployment rate (15-64)	-2.8	8.3	5.8	5.5	5.5	5.5	5.5	5.4
Employment (15-64) (in millions)	-9.6	31.3	32.8	32.0	30.3	27.6	24.3	21.7
share of young (15-24)	-2%	10%	8%	7%	7%	7%	7%	7%
share of prime-age (25-54)	-4%	80%	79%	80%	78%	73%	73%	76%
share of older (55-64)	7%	10%	13%	13%	15%	20%	20%	17%
Dependency ratios:	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Share of older population (55-64) (1)	4.6	17.0	20.2	19.7	20.0	25.4	25.9	21.6
Old-age dependency ratio (2)	45	20	23	28	35	41	54	65
Total dependency ratio (3)	45	42	45	50	56	60	75	87
Total economic dependency ratio (4)	52	132	124	129	136	147	168	184
Economic old-age dependency ratio (15-64) (5)	63	32	35	40	51	61	79	95

Pension expenditure projections

Baseline scenario as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	1.0	9.7	8.6	8.8	9.0	9.6	10.4	10.7
Old-age and early pensions, gross	1.3	8.1	7.4	7.6	7.7	8.3	9.0	9.4
Of which : earnings-related pensions, gross	:	:	:	:	:	:	:	:
Other pensions (disability, survivors), gross	-0.3	1.6	1.3	1.2	1.2	1.3	1.3	1.3
Occupational pensions, gross	:	:	:	:	:	:	:	:
Private mandatory pensions, gross	:	:	:	:	:	:	:	:
Social security pensions, net	:	:	:	:	:	:	:	:
Social security pensions, contributions	-0.9	7.2	6.6	6.5	6.3	6.3	6.3	6.3
Social security pensions, assets	:	:	:	:	:	:	:	:

Additional indicators	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, net/social sec. Pensions, gross, %	:	:	:	:	:	:	:	:
Pensioners (social security, in 1000 persons)	3998	19496	18855	19531	20711	22162	23522	23494
Pensioners aged 65+ (1000 pers)	:	:	:	:	:	:	:	:
Share of pensioners below age 65 as % of all pensioners	:	:	:	:	:	:	:	:
Average gross pension (social security - € 1000 in 2007 prices)	4.4	3.5	4.5	5.0	6.0	6.7	7.2	8.0
Benefit ratio (Social security pensions)	-15.6	46.6	45.7	44.1	40.4	37.2	33.6	31.0
Gross replacement rate at retirement (social security pensions)	:	:	:	:	:	:	:	:
Contributors (social security pensions, in 1000 persons)	-8709	31342	33556	32983	30884	28433	25168	22633
Support ratio (contributors/100 pensioners, social security pensions)	-64.4	161	178	169	149	128	107	96
High life expectancy as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.2	0.0	0.0	0.0	0.1	0.1	0.2	0.2
Old-age and early pensions, gross	0.2	0.0	0.0	0.0	0.1	0.1	0.2	0.2
High labour productivity as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.3	0.0	0.0	-0.1	-0.2	-0.2	-0.3	-0.3
Old-age and early pensions, gross	-0.3	0.0	0.0	-0.1	-0.1	-0.2	-0.2	-0.3
Zero migration as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.6	0.0	0.1	0.1	0.2	0.4	0.6	0.6
Old-age and early pensions, gross	0.6	0.0	0.1	0.1	0.2	0.3	0.5	0.6
High employment rate (1 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Old-age and early pensions, gross	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
High older workers empl. Rate (5 p.p.) as % of GDP (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Social security pensions, gross	0.1	0.0	-0.1	-0.1	-0.1	0.0	0.0	0.1
Old-age and early pensions, gross	0.1	0.0	-0.1	-0.1	0.0	0.0	0.0	0.1
Decomposition of the increase (in p.p.) in pension expenditure (social security) - selected years	Ch 08-60	2008	2015	2020	2030	2040	2050	2060
Social security pensions, gross as % of GDP	0.9	9.8	8.6	8.8	9.0	9.6	10.4	10.7
Social security pensions, gross as % of GDP - p.p. ch. from 2007 due to :		0.1	-1.0	-0.9	-0.7	-0.1	0.7	1.0
Dependency ratio	11.7	0.1	1.6	3.3	5.5	7.0	9.8	11.8
Coverage ratio	-4.6	-0.2	-1.5	-2.4	-3.3	-3.5	-4.3	-4.9
Employment effect	-0.6	-0.1	-0.6	-0.7	-0.8	-0.6	-0.6	-0.7
Benefit ratio	-4.3	0.4	-0.3	-0.6	-1.4	-2.1	-3.1	-3.9
Interaction effect (residual)	-1.3	0.0	-0.2	-0.5	-0.7	-0.8	-1.2	-1.3
over selected time periods	2007-2060		2007-2015	2015-2020	2025-2030	2035-2040	2045-2050	2055-2060
Social security pensions, gross as % of GDP	1.0		-1.04	0.13	0.08	0.38	0.38	0.07
Dependency ratio	11.8		1.58	1.72	0.77	0.93	1.43	0.77
Coverage ratio	-4.9		-1.49	-0.87	-0.28	-0.15	-0.38	-0.29
Employment effect	-0.7		-0.60	-0.14	0.04	0.10	-0.04	-0.06
Benefit ratio	-3.9		-0.31	-0.30	-0.41	-0.40	-0.49	-0.35
Interaction effect (residual)	-1.28		-0.23	-0.27	-0.04	-0.10	-0.15	-0.01

Health care

Health care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	1.4	4.9	5.1	5.3	5.6	5.9	6.1	6.3
Pure ageing scenario	1.7	4.9	5.1	5.2	5.6	6.0	6.3	6.5
Labour intensity scenario	2.9	4.9	4.9	5.1	5.7	6.3	7.1	7.8
Constant health scenario	0.2	4.9	4.9	4.9	4.9	5.0	5.0	5.1
Fast cost growth scenario	2.1	4.9	5.4	5.6	6.0	6.4	6.7	7.0
Cost convergence scenario	4.1	4.9	5.2	5.6	6.3	7.1	7.9	9.0
Death-related cost scenario	1.4	4.9	4.9	5.1	5.5	5.8	6.1	6.3
Income elasticity scenario	2.1	4.9	5.2	5.5	5.9	6.4	6.7	7.0

Long-term care

Long-term care spending as % of GDP	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	0.6	0.4	0.4	0.4	0.5	0.6	0.8	0.9
Pure demographic scenario	0.6	0.4	0.4	0.4	0.5	0.7	0.8	1.0
GDP per capita scenario	0.4	0.4	0.4	0.4	0.5	0.6	0.7	0.8
Constant disability scenario	0.5	0.4	0.4	0.4	0.5	0.6	0.8	0.9
GDP per worker fast growth scenario	0.7	0.4	0.4	0.5	0.6	0.7	0.9	1.1
Shift 1% of dependents from informal to home care scenario	0.8	0.4	0.4	0.5	0.6	0.8	0.9	1.1
Shift 1% of dependents from informal to institutional care scenario	0.8	0.4	0.4	0.5	0.6	0.8	0.9	1.1
Shift 1% of dependents from informal to home/institutional care scenario	0.8	0.4	0.4	0.5	0.6	0.8	0.9	1.1

Number of dependent people (in thousands)	% Ch 07-60	2007	2015	2020	2030	2040	2050	2060
AWG reference scenario	118%	3089	3526	3978	4833	5490	6174	6734
of which: receiving formal care	155%	*589*	*701*	*789*	*989*	*1188*	*1342*	*1502*
relying on informal or no care	109%	*2500*	*2825*	*3190*	*3844*	*4302*	*4832*	*5233*
Pure demographic scenario	128%	3089	3548	4016	4933	5637	6385	7044
of which: receiving formal care	167%	*589*	*706*	*798*	*1012*	*1223*	*1392*	*1573*
relying on informal or no care	119%	*2500*	*2842*	*3218*	*3922*	*4414*	*4994*	*5471*
Constant disability scenario	108%	3089	3504	3941	4734	5343	5962	6426
of which: receiving formal care	143%	*589*	*696*	*780*	*966*	*1154*	*1292*	*1431*
relying on informal or no care	100%	*2500*	*2808*	*3161*	*3767*	*4189*	*4670*	*4995*
Shift 1% of dependents from informal to home scenario	128%	3089	3548	4016	4933	5637	6385	7044
of which: receiving formal care	286%	*589*	*990*	*1199*	*1505*	*1786*	*2030*	*2277*
relying on informal or no care	91%	*2500*	*2558*	*2817*	*3428*	*3851*	*4355*	*4766*

Education

Education spending as % of GDP - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	-0.75	4.2	3.3	3.2	3.3	3.1	3.2	3.4
Expenditure decomposition (broadly constant) : Transfers (5%) - Staff (61%) - Other (34%)								
Primary	-0.06	1.1	1.0	1.1	1.0	0.9	1.0	1.1
Expenditure decomposition (broadly constant) : Transfers (2%) - Staff (67%) - Other (31%)								
Low secondary	:	:	:	:	:	:	:	:
Expenditure decomposition (broadly constant) : Transfers (-%) - Staff (-%) - Other (-%)								
Upper secondary	-0.25	1.1	0.8	0.7	0.8	0.8	0.7	0.8
Expenditure decomposition (broadly constant) : Transfers (6%) - Staff (62%) - Other (33%)								
Tertiary education	-0.29	1.1	0.9	0.7	0.7	0.8	0.7	0.8
Expenditure decomposition (broadly constant) : Transfers (9%) - Staff (49%) - Other (42%)								
Number of students (in thousands)								
Total	-6578	15233	12544	12041	11515	9938	9006	8655
as % of population 5-24	:	:	:	:	:	:	:	:
Primary	-1362	4066	3795	3958	3548	2900	2858	2704
Low secondary	-1444	3422	2610	2671	2656	2183	1996	1978
Upper secondary	-1999	4225	3182	2887	3009	2642	2253	2225
Tertiary education	-1772	3521	2957	2523	2302	2214	1900	1749
Number of teachers (in thousands)								
Total	-471	1107	908	885	849	723	660	636
Primary	-116	334	308	322	289	235	231	218
Low secondary	-129	304	231	236	235	194	177	175
Upper secondary	-136	291	220	200	209	183	157	155
Tertiary education	-90	178	149	127	116	111	95	88

Education spending as % of GDP - Higher compensation per teacher (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.18	-0.1	0.0	0.1	0.1	0.1	0.1	0.1

Education spending as % of GDP - Higher ratio teachers/students (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.39	0.1	0.3	0.4	0.5	0.4	0.4	0.5

Education spending as % of GDP - Higher attainment rates in tertiary education (45% by 2020) (Diff. from baseline)	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Total	0.14	0.3	0.4	0.4	0.4	0.4	0.4	0.4

Unemployment benefit

Unemployment benefit - Baseline	Ch 07-60	2007	2015	2020	2030	2040	2050	2060
Unemployment benefit spending as % of GDP	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1

LEGENDA:

*** The potential GDP and its components is used to estimate the rate of potential output growth, net of normal cyclical variations**

(1) Share of older population = Population aged 55 to 64 as % of population aged 15-64

(2) Old-age dependency ratio = Population aged 65 and over as a percentage of the population aged 15-64

(3) Total dependency ratio = Population under 15 and over 64 as a percentage of the population aged 15-64

(4) Total economic dependency ratio = Total population less employed as % of employed population 15-64

(5) Economic old-age dependency ratio (15-64) = Inactive population aged 65+ as % of employed population 15-64

NB: : = data not provided

Source : Commission Services (DG ECFIN), Eurostat (EUROPOP2008), EPC (AWG).