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Assessing Needs of Care in European Nations

STATISTICAL APPENDICES TO “PERFORMANCE OF LONG-TERM CARE SYSTEMS IN EUROPE”

**ESTHER MOT, RIEMER FABER, JOANNA GEERTS
AND PETER WILLEMÉ (EDS)**

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Abstract

This document provides statistical appendices underpinning the research presented in ENEPRI Research Report No. 117, “Performance of Long-Term Care Systems in Europe”, December 2012.



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**Statistical Appendices to
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**1. Statistical Appendices to Chapter 4
 Riemer Faber, Esther Mot,
 with the cooperation of Ali Aouragh (CPB)**

**Appendix A. Estimation results for receiving help and the
 sufficiency of help**

Table A1. Estimation results for the probability of receiving help, logit

Number of obs = 8615

Wald chi2(154) = 1551.04

Prob > chi2 = 0.0000

Pseudo R2 = 0.2709

	Coefficients.	Robust Std. Err.
70-75	0.292***	0.111
75-80	0.373***	0.118
80-85, Austria	1.223***	0.334
Interaction 80-85 and country		
Germany	-1.117**	0.435
Sweden	-0.472	0.423
Netherlands	-0.534	0.488
Spain	-0.692	0.429
Italy	-1.175***	0.421
France	-0.502	0.436
Denmark	-0.804*	0.449
Greece	-0.601	0.409
Switzerland	-0.072	0.492
Belgium	-0.452	0.408
Czech Republic	-0.477	0.489
Poland	-0.555	0.443
>= 85	1.248***	0.182

* Esther Mot is Senior Researcher in the Netherlands Bureau for Economic Policy Analysis (CPB) and Riemer Faber is researcher at CPB. Joanna Geerts is researcher and Peter Willemé is health economist in the Social Security Research Group at the Federal Planning Bureau (FPB).

	Coefficients.	Robust Std. Err.
Country		
Germany	1.092	0.897
Sweden	-1.053	0.897
Netherlands	-0.16	0.915
Spain	-0.323	0.872
Italy	0.372	0.862
France	-0.034	0.88
Denmark	1.474	0.988
Greece	-1.797**	0.856
Switzerland	-1.105	1.002
Belgium	-0.742	0.823
Czech Republic	0.337	0.893
Poland	-0.307	1.09
Education middle		
	0.037	0.104
Education high		
	-0.053	0.166
Standardised income, Austria		
	-0.031**	0.014
Interaction income and country		
Germany	0.034**	0.015
Sweden	0.036**	0.017
Netherlands	0.022	0.015
Spain	0.031*	0.017
Italy	0.027*	0.015
France	0.033**	0.015
Denmark	0.031	0.021
Greece	0.018	0.019
Switzerland	0.03*	0.016
Belgium	0.036**	0.015
Czech Republic	0.039**	0.017
Poland	0.025	0.023
Women, Austria		
	-0.034	0.293
Interaction women and country		
Germany	0.305	0.361
Sweden	0.405	0.367
Netherlands	0.208	0.396
Spain	0.188	0.372
Italy	0.263	0.356
France	0.743*	0.383
Denmark	0.284	0.374
Greece	-0.033	0.359

	Coefficients.	Robust Std. Err.
Switzerland	0.471	0.442
Belgium	0.287	0.348
Czech Republic	0.152	0.376
Poland	0.532	0.361
Urbanisation, Austria	-0.037	0.099
Interaction urbanisation and country		
Germany	-0.052	0.121
Sweden	0.091	0.133
Netherlands	-0.007	0.144
Spain	0.139	0.133
Italy	-0.152	0.123
France	-0.047	0.132
Denmark	-0.17	0.133
Greece	0.048	0.116
Switzerland	0.081	0.14
Belgium	0.255**	0.121
Czech Republic	0.233*	0.132
Poland	-0.155	0.132
Child(ren), Austria	0.128	0.331
Interaction child(ren) and country		
Germany	-0.2	0.442
Sweden	-0.603	0.472
Netherlands	0.369	0.496
Spain	-0.537	0.443
Italy	-0.843*	0.453
France	-0.788**	0.395
Denmark	-0.909*	0.483
Greece	-0.299	0.434
Switzerland	0.295	0.545
Belgium	-0.29	0.4
Czech Republic	-0.263	0.46
Poland	-0.491	0.727
Intensive contact with child	0.099	0.093
Living alone, Austria	-0.409	0.276
Interaction living alone and country		
Germany	-0.671*	0.364
Sweden	0.081	0.36
Netherlands	0.272	0.383
Spain	-0.122	0.405

	Coefficients.	Robust Std. Err.
Italy	0.433	0.363
France	0.353	0.368
Denmark	-0.164	0.366
Greece	-0.562	0.348
Switzerland	0.108	0.434
Belgium	0.06	0.337
Czech Republic	-0.946**	0.38
Poland	-0.652*	0.392
Grandchild(ren)	0.34**	0.158
iADL at most, Austria	0.896***	0.265
Interaction iADL at most and country		
Germany	0.364	0.444
Sweden	1.455***	0.383
Netherlands	0.438	0.403
Spain	0.418	0.358
Italy	0.231	0.343
France	0.855**	0.374
Denmark	1.149***	0.382
Greece	0.668**	0.328
Switzerland	0.37	0.467
Belgium	0.446	0.351
Czech Republic	0.785**	0.396
Poland	0.622*	0.344
1 ADL at most	1.267***	0.138
2 ADL at most	1.876***	0.211
3 or more ADL at most	2.957***	0.237
Number of mobility lim., Austria	0.162***	0.057
Interaction mobility lim. and country		
Germany	-0.063	0.079
Sweden	0.181**	0.083
Netherlands	0.04	0.096
Spain	-0.093	0.073
Italy	0.069	0.073
France	0.017	0.086
Denmark	0.043	0.086
Greece	0.141*	0.075
Switzerland	0.072	0.11
Belgium	0.072	0.076
Czech Republic	-0.082	0.081

	Coefficients.	Robust Std. Err.
Poland	0.022	0.073
Number of symptoms	-0.003	0.027
Cognitive functioning, Austria	0.097	0.097
Interaction cognitive functioning and country		
Germany	-0.019	0.13
Sweden	-0.109	0.128
Netherlands	-0.168	0.139
Spain	-0.286*	0.155
Italy	-0.305**	0.132
France	-0.193	0.134
Denmark	-0.351***	0.129
Greece	0.121	0.135
Switzerland	-0.07	0.153
Belgium	-0.179	0.12
Czech Republic	-0.226*	0.127
Poland	-0.305**	0.139
Depression, Austria	0.863***	0.279
Interaction depression and country		
Germany	-0.644*	0.38
Sweden	-0.849**	0.383
Netherlands	-0.827**	0.417
Spain	-0.768**	0.359
Italy	-0.702**	0.349
France	-0.651*	0.363
Denmark	-0.572	0.382
Greece	-0.805**	0.35
Switzerland	-0.915**	0.454
Belgium	-0.876**	0.341
Czech Republic	-0.477	0.385
Poland	-0.457	0.362
Number of chronic disorders	0.084***	0.031
Constant	-1.641**	0.676

Table A2. Estimation results for the degree to which the help meets the needs, ordered logit

Number of obs = 4212

Wald chi2(106) = 252.19

Prob > chi2 = 0.0000

Pseudo R2 = 0.0566

	Coefficients	Robust std. err.
70-75	0.023	0.169
75-80	-0.212	0.163
80-85	0.029	0.181
>=85	-0.189	0.199
Education middle	0.049	0.139
Education high	0.002	0.233
Country		
Germany	-0.642	0.682
Sweden	-1.144	0.726
Netherlands	-1.8**	0.747
Spain	-0.007	0.815
Italy	-0.712	0.72
France	0.253	0.74
Denmark	-1.564**	0.79
Greece	-0.276	0.695
Switzerland	-2.113**	0.933
Belgium	-1.15*	0.649
Czech Republic	-1.161*	0.675
Poland	-0.916	0.759
Standardised income, Austria	0.034**	0.016
Interaction country and income		
Germany	-0.038**	0.017
Sweden	-0.059***	0.019
Netherlands	-0.044**	0.018
Spain	-0.025	0.016
Italy	-0.048**	0.023
France	-0.046***	0.018
Denmark	-0.033	0.024
Greece	-0.062***	0.023
Switzerland	-0.036*	0.021
Belgium	-0.038**	0.017
Czech Republic	-0.034*	0.019
Poland	-0.021	0.022
Women	0.102	0.129

	Coefficients	Robust std. err.
Urbanisation	-0.041	0.041
Child(ren)	-0.691***	0.263
Intensive contact with child	-0.059	0.133
Living alone	0.439***	0.139
Grandchild(ren)	0.165	0.216
iADL at most, Austria	-0.966**	0.414
Interaction country and iADL at most		
Germany	1.073**	0.508
Sweden	1.768***	0.522
Netherlands	1.242**	0.554
Spain	0.624	0.627
Italy	0.876	0.577
France	1.1**	0.534
Denmark	1.623***	0.589
Greece	0.32	0.5
Switzerland	0.24	0.716
Belgium	1.119**	0.499
Czech Republic	1.373***	0.523
Poland	0.941	0.605
1 ADL at most, Austria	-0.666	0.501
Interaction country and 1 ADL at most		
Germany	0.768	0.595
Sweden	1.387**	0.651
Netherlands	0.115	0.74
Spain	-0.233	0.702
Italy	0.029	0.666
France	0.936	0.679
Denmark	1.489**	0.678
Greece	0.086	0.61
Switzerland	0.682	0.785
Belgium	0.625	0.576
Czech Republic	0.873	0.726
Poland	0.545	0.712
2 ADL at most, Austria	-0.949*	0.525
Interaction country and 2 ADL at most		
Germany	0.965	0.675
Sweden	2.273***	0.765
Netherlands	2.015**	0.801
Spain	0.726	0.729
Italy	0.376	0.724

	Coefficients	Robust std. err.
France	1.311	1.099
Denmark	2.199***	0.827
Greece	-0.176	0.795
Switzerland	1.232	1.173
Belgium	1.392**	0.632
Czech Republic	1.297*	0.681
Poland	0.438	0.73
3 ADL at most, Austria	-2.037***	0.655
Interaction country and 3 ADL at most		
Germany	1.733**	0.772
Sweden	3.305***	0.841
Netherlands	2.893***	0.885
Spain	0.787	0.862
Italy	1.219	0.769
France	1.595*	0.814
Denmark	3.002***	0.897
Greece	0.482	0.804
Switzerland	1.479	1.397
Belgium	2.435***	0.722
Czech Republic	3.107***	0.809
Poland	1.308*	0.772
Number of mobility lim.	0.024	0.027
Number of symptoms	0.039	0.03
Cognitive functioning	-0.382***	0.129
Interaction country and cognitive functioning		
Germany	0.278*	0.154
Sweden	0.377**	0.163
Netherlands	0.515***	0.166
Spain	0.268	0.236
Italy	0.197	0.206
France	0.029	0.189
Denmark	0.331*	0.172
Greece	0.624***	0.163
Switzerland	0.604***	0.224
Belgium	0.363**	0.151
Czech Republic	0.274*	0.163
Poland	0.477***	0.176
Depression	0.262**	0.125
Number of chronic disorders	0.08*	0.042

	Coefficients	Robust std. err.
/cut1	-0.317	0.659
/cut2	1.632	0.66
/cut3	3.401	0.679

Table A3. Estimation results for the degree to which the help meets the needs, ordered probit with sample selection

Number of obs = 8614

Wald chi2(36) = 141.32

Prob > chi2 = 0.0000

Help meeting the needs	Coef.	Robust std. error
70-75	0.006	0.101
75-80	-0.155	0.098
80-85	-0.013	0.111
>= 85	-0.126	0.158
5 =< standardised income < 10	-0.001	0.103
10 =< standardised income < 15	-0.025	0.117
15 =< standardised income < 20	-0.118	0.121
20 =< standardised income < 25	-0.073	0.142
25 =< standardised income < 30	-0.195	0.181
Standardised income >= 30	-0.123	0.165
Women	0.043	0.08
Child(ren)	-0.349**	0.147
Intensive contact with child	-0.068	0.076
Living alone	0.249**	0.098
Grandchild(ren)	0.108	0.121
iADL at most	0.058	0.171
1 ADL at most	0.008	0.174
2 ADL at most	0.038	0.231
3 or more ADL at most	-0.208	0.256
Number of mobility lim.	0.021	0.021
Number of symptoms	0.024	0.017
Cognitive functioning	-0.071***	0.027
Depression	0.158**	0.074
Number of chronic disorders	0.053**	0.025
Austria	-0.144	0.118
Belgium	-0.117	0.101
Czech Republic	-0.185	0.123
Denmark	-0.011	0.135
France	0.146	0.144
Greece	0.102	0.204

Italy	-0.467**	0.188
Netherlands	-0.258**	0.12
Poland	-0.143	0.213
Spain	0.121	0.201
Sweden	0.016	0.133
Switzerland	-0.358**	0.144

Receiving help	Coef.	Robust std. error
70-75	0.17***	0.063
75-80	0.212***	0.067
80-85	0.254***	0.078
>= 85	0.749***	0.107
Education middle	-0.04	0.06
Education high	-0.015	0.095
5 =< standardised income < 10	-0.063	0.086
10 =< standardised income < 15	-0.054	0.098
15 =< standardised income < 20	0.026	0.109
20 =< standardised income < 25	0.024	0.122
25 =< standardised income < 30	0.003	0.131
Standardised income >= 30	-0.058	0.119
Women	0.164***	0.05
Urbanisation	-0.032*	0.019
Child(ren)	-0.149	0.12
Intensive contact with child	0.063	0.054
Living alone	-0.329***	0.06
Grandchild(ren)	0.176*	0.093
iADL at most	0.801***	0.062
1 ADL at most	0.736***	0.081
2 ADL at most	1.084***	0.125
3 or more ADL at most	1.677***	0.119
Number of mobility lim.	0.093***	0.014
Number of symptoms	-0.005	0.015
Cognitive functioning	-0.026	0.023
Depression	0.154***	0.054
Number of chronic disorders	0.047***	0.018
Austria	-0.443***	0.096
Belgium	-0.405***	0.086
Czech Republic	-0.368***	0.107
Denmark	-0.599***	0.092
France	-0.631***	0.1
Greece	-1.18***	0.102
Italy	-1.104***	0.096
Netherlands	-0.389***	0.104

Poland	-1.271***	0.108
Spain	-1.098***	0.112
Sweden	-0.627***	0.094
Switzerland	-0.351***	0.108
constant	-0.207	0.201

The symbols *, ** and *** mean that the difference is statistically significant at respectively the 10%, 5%, and 1% level.

Thresholds	Coef.	Robust std. error	z	P>z	[95% Conf. Interval]
/cut1	0.34	0.40	0.85	0.39	-0.45 1.13
/cut2	1.43	0.39	3.71	0.00	0.68 2.19
/cut3	2.26	0.37	6.11	0.00	1.53 2.98
/athrho	0.12	0.33	0.38	0.71	-0.51 0.76
rho	0.12	0.32			-0.47 0.64

Appendix B. Probabilities of receiving help for characteristic older persons

Because of the high number of interactions in the model for receiving help, the estimation results are not so easy to interpret and presenting the average marginal effects of different variables is more informative. Another way to present the results is to show the probability of getting help for persons with certain characteristics who could be needing help in different countries. In that case, of course, the selected characteristics also have an important impact on the results. In doing this, we have to take into account that not just the impact of certain characteristics, but also the characteristics themselves can differ among countries. For example, it is possible that fewer people live alone in southern European countries than in western European countries. In that case the resulting probabilities for persons living alone are more relevant for western than for southern European countries. To show the additional effect of different background characteristics, we calculate the probability of getting help for each country for three types of elderly. These types are characteristic for a certain part of Europe. Table B1 shows the characteristics of a typical older person with limitations in the west, south and east of Europe.¹

Table B1. Characteristic persons with limitations in different parts of Europe

	West	South	East
Age	80-85	80-85	80-85
Education	middle	low	low
Income (€1000s, standardised)	20	11	6
Gender	woman	woman	woman
Urban	large town	large town	small town
Children	yes	yes	yes
Grandchild(ren)	yes	yes	yes
Living alone	yes	no	yes
iADL limitations as most severe lim.	no	yes	no
1 ADL limitation as most severe lim.	yes	no	yes
Number of mobility lim.	3	3	4
Number of symptoms	3	2	4
Cognition	middle quintile	worst quintile	worst quintile
Depression	no	no	yes
Number of chronic disorders	3	2	2
More intensive contact with children	no	no	yes

We have chosen to set the age in all parts of Europe at the category ‘between 80 and 85 years old’, an age at which many people can be expected to need some help.² As most older people with limitations in this age group are women, our typical elders are also women. The typical woman in the south of Europe is relatively healthy: she has no ADL-limitations, fewer symptoms and fewer chronic disorders. The typical woman in eastern Europe is relatively unhealthy: she has 1 ADL-limitation

¹ These characteristics are based on country-specific means for the relevant persons in the SHARE database, where special attention has been paid to means for representative countries in ANCIEN. For example, the mean for Poland played a larger role than the mean for the Czech Republic in constructing the typical person in eastern Europe.

² This means that our typical elderly are not typical for the whole group of persons who are 65 years or older.

(perhaps in addition to iADL-limitations), she suffers from depression and she has more mobility limitations and symptoms. The typical educational level is lower in the south and east, as is the income. The typical woman in the south of Europe lives with others, the other typical women (west and east) live alone. Cognitive functioning is on average better in the west.³

Table B2 shows the probability of getting help for each of the three types of older people in different countries. The first column shows that the probability of receiving help for a typical western European older woman with limitations is highest in Switzerland (85%) and lowest in Poland (25%). However, in Poland characteristics and circumstances will be different, affecting the probability of help. The probability of receiving help is much higher in Poland for a person with “Polish characteristics” instead of western European characteristics, at 44%. However, when we take differences in characteristics into account, the probability of receiving help is still only about half of the probability in Switzerland. In the last column, the probabilities by country are determined by the characteristics that are most typical for that country (the column is a combination of the first three columns). Also in this case the probability of help is highest in Switzerland, followed by the Netherlands, the Czech Republic, Austria and Belgium. The lowest probability of help is found in Poland, Italy and Greece. The probability of help is more or less in-between in Denmark and Spain. The rather low probability for Denmark is somewhat surprising.

Table B2. Probability of getting help for typical older persons with limitations (in %), by part of Europe

	West	South	East	type specific
Austria	77	77	92	77
Belgium	77	84	85	77
Czech Republic	63	92	79	79
Denmark	57	88	74	57
France	72	83	80	72
Germany	71	n.a.	n.a.	71
Greece	31	51	33	51
Italy	41	45	57	45
Netherlands	80	85	86	80
Poland	25	64	44	44
Spain	40	61	56	61
Sweden	68	88	75	68
Switzerland	85	87	87	85

³ Perhaps because persons with dementia have a larger probability of being admitted into residential care in the west.

Appendix C. Estimation results for life satisfaction

Table C1. Estimation results for the vignette sample

	(I)	(II)	(III)	(IV)	(V)	(VI)	(VII)
	Ordered probit with vignettes					Ordered probit	OLS
	LS _i [*]	τ^1	τ^2	τ^3	τ^4	LS _i [*]	LS _i
Country (α^c):							
DE (ref)							
SE	0.431** (0.145)	0.341 (0.188)	0.370*** (0.091)	0.346*** (0.091)	0.039 (0.142)	0.319** (0.110)	0.154* (0.064)
NL	0.687*** (0.178)	1.069*** (0.159)	0.336*** (0.095)	0.433*** (0.102)	0.559** (0.184)	0.165 (0.118)	0.085 (0.069)
ES	0.046 (0.149)	0.453* (0.183)	0.495*** (0.099)	0.147 (0.099)	0.077 (0.154)	-0.113 (0.123)	-0.066 (0.073)
IT	-0.113 (0.125)	0.811*** (0.149)	0.510*** (0.083)	0.260** (0.083)	0.398** (0.147)	-0.483*** (0.102)	-0.281*** (0.061)
FR	0.446** (0.171)	0.612** (0.191)	0.484*** (0.105)	0.730*** (0.117)	0.632** (0.197)	-0.229 (0.129)	-0.115 (0.077)
DK	0.058 (0.116)	-0.219 (0.201)	-0.341*** (0.081)	-0.378*** (0.071)	-0.521*** (0.110)	0.581*** (0.092)	0.282*** (0.053)
GR	-0.304* (0.142)	0.389* (0.181)	0.514*** (0.098)	0.575*** (0.101)	-0.097 (0.147)	-0.761*** (0.119)	-0.454*** (0.072)
BE	-0.032 (0.112)	0.476** (0.151)	0.243** (0.076)	0.090 (0.074)	-0.336** (0.110)	0.122 (0.092)	0.070 (0.054)
CZ	-0.285* (0.114)	0.017 (0.166)	-0.149 (0.081)	-0.025 (0.075)	-0.076 (0.119)	-0.223* (0.094)	-0.122* (0.056)
PL	-0.274 (0.176)	0.482* (0.200)	-0.035 (0.126)	-0.158 (0.120)	-0.330 (0.175)	-0.068 (0.152)	-0.042 (0.091)
Limitation (β^m):							
Dressing	-0.066 (0.110)	0.005 (0.127)	0.054 (0.079)	-0.071 (0.079)	0.178 (0.126)	-0.100 (0.095)	-0.069 (0.058)
Walking and getting in/out bed	0.000 (0.129)	0.185 (0.146)	-0.012 (0.094)	0.008 (0.093)	-0.012 (0.153)	-0.037 (0.112)	-0.027 (0.069)
Bathing/Showering	-0.397*** (0.117)	-0.036 (0.131)	-0.011 (0.085)	-0.011 (0.085)	-0.133 (0.130)	-0.398*** (0.102)	-0.284*** (0.063)
Eating	0.051 (0.235)	0.009 (0.240)	0.036 (0.165)	-0.093 (0.170)	0.029 (0.282)	0.075 (0.203)	0.054 (0.125)
Using toilet	0.022 (0.185)	-0.159 (0.210)	0.014 (0.132)	0.009 (0.136)	-0.026 (0.222)	0.018 (0.161)	0.013 (0.100)
Using map	0.145 (0.105)	-0.096 (0.128)	0.248*** (0.074)	0.134 (0.075)	0.127 (0.118)	0.015 (0.091)	-0.010 (0.056)
Prepare meal	-0.267 (0.150)	0.215 (0.175)	-0.096 (0.110)	-0.069 (0.109)	-0.011 (0.170)	-0.230 (0.132)	-0.165* (0.081)
Shopping	-0.101 (0.115)	-0.126 (0.140)	-0.104 (0.084)	0.031 (0.084)	-0.086 (0.129)	-0.105 (0.101)	-0.083 (0.062)
Telephone calls	0.024 (0.211)	0.318 (0.227)	0.347* (0.149)	0.187 (0.157)	-0.067 (0.236)	-0.175 (0.183)	-0.123 (0.114)
Taking medications	0.377 (0.222)	-0.077 (0.232)	-0.053 (0.157)	0.000 (0.162)	-0.124 (0.242)	0.476* (0.192)	0.323** (0.118)
Work around house/garden	-0.050 (0.104)	-0.068 (0.126)	0.052 (0.075)	-0.008 (0.075)	0.132 (0.115)	-0.099 (0.090)	-0.069 (0.055)
Managing money	0.293* (0.143)	0.293 (0.152)	0.156 (0.103)	0.083 (0.106)	0.109 (0.162)	0.209 (0.124)	0.144 (0.077)

	(I)	(II)	(III)	(IV)	(V)	(VI)	(VII)
	Ordered probit with vignettes					Ordered probit	OLS
	LS _i [*]	τ ¹	τ ²	τ ³	τ ⁴	LS _i [*]	LS _i
Country and limitation (γ^c):							
DE and limitation	0.009 (0.174)	0.179 (0.217)	-0.194 (0.123)	-0.038 (0.118)	0.085 (0.203)	0.084 (0.146)	0.105 (0.088)
SE and limitation	-0.072 (0.259)	-0.236 (0.324)	-0.589** (0.183)	0.006 (0.177)	-0.381 (0.248)	0.140 (0.211)	0.138 (0.126)
NL and limitation	-0.390 (0.361)	-0.463 (0.339)	-0.519* (0.220)	-0.218 (0.226)	-0.649 (0.385)	0.081 (0.273)	0.023 (0.161)
ES and limitation	-0.195 (0.224)	-0.078 (0.237)	-0.285 (0.157)	-0.131 (0.158)	-0.077 (0.245)	-0.139 (0.193)	-0.080 (0.118)
IT and limitation	-0.178 (0.184)	-0.430* (0.197)	-0.325* (0.129)	0.125 (0.134)	-0.127 (0.252)	-0.115 (0.158)	-0.105 (0.098)
FR and limitation	-0.192 (0.268)	-0.007 (0.269)	-0.230 (0.173)	-0.393* (0.188)	3.619 (215.413)	0.110 (0.213)	0.092 (0.129)
DK and limitation	0.036 (0.197)	-4.023 (203.485)	-0.056 (0.151)	0.188 (0.132)	0.003 (0.188)	-0.068 (0.167)	0.055 (0.100)
GR and limitation	0.116 (0.208)	0.090 (0.230)	-0.114 (0.145)	-0.130 (0.156)	0.175 (0.239)	0.132 (0.179)	0.103 (0.111)
BE and limitation	0.134 (0.177)	0.165 (0.193)	-0.014 (0.124)	0.065 (0.125)	-0.042 (0.179)	0.026 (0.154)	0.018 (0.093)
CZ and limitation	-0.006 (0.173)	-0.631 (0.330)	-0.173 (0.128)	-0.027 (0.124)	-0.314 (0.184)	0.153 (0.151)	0.132 (0.092)
PL and limitation	0.538* (0.223)	-0.527* (0.245)	0.024 (0.161)	0.309 (0.159)	0.266 (0.231)	0.347 (0.196)	0.277* (0.119)
Observed properties LTC (δ):							
Help	0.033 (0.078)	0.003 (0.093)	0.003 (0.054)	-0.004 (0.054)	-0.033 (0.083)	0.064 (0.066)	0.046 (0.040)
Help and usually good	-0.052 (0.098)	-0.084 (0.120)	0.064 (0.069)	0.011 (0.070)	0.073 (0.109)	-0.115 (0.084)	-0.078 (0.051)
Help and sometimes/hardly ever good	-0.089 (0.163)	0.095 (0.185)	-0.084 (0.118)	0.050 (0.118)	0.014 (0.174)	-0.141 (0.142)	-0.073 (0.087)
Control variables (θ):							
Has mobility limitations	-0.153 (0.078)	0.050 (0.094)	0.168** (0.054)	0.057 (0.053)	0.060 (0.080)	-0.225*** (0.065)	-0.121** (0.039)
Number of mobility limitations	-0.017 (0.019)	0.056** (0.021)	-0.005 (0.013)	-0.016 (0.013)	-0.045* (0.021)	0.003 (0.016)	-0.003 (0.010)
Has symptoms	-0.146 (0.077)	0.108 (0.095)	-0.041 (0.052)	-0.027 (0.051)	-0.012 (0.076)	-0.147* (0.063)	-0.062 (0.037)
Number of symptoms	-0.043* (0.017)	-0.001 (0.021)	0.005 (0.012)	0.018 (0.012)	0.025 (0.019)	-0.072*** (0.015)	-0.045*** (0.009)
Quality of cognitive functioning	0.055* (0.023)	-0.063* (0.028)	-0.013 (0.016)	-0.008 (0.016)	0.003 (0.024)	0.061** (0.020)	0.036** (0.012)
Depression	-0.371*** (0.063)	0.244*** (0.073)	0.154*** (0.044)	0.065 (0.045)	0.012 (0.070)	-0.493*** (0.055)	-0.320*** (0.033)
Heart failure	-0.050 (0.065)	-0.087 (0.082)	0.035 (0.045)	-0.018 (0.045)	0.156* (0.071)	-0.112* (0.055)	-0.069* (0.033)
Stroke	-0.099 (0.113)	-0.008 (0.136)	0.055 (0.080)	0.113 (0.081)	-0.033 (0.122)	-0.171 (0.098)	-0.126* (0.060)

	(I)	(II)	(III)	(IV)	(V)	(VI)	(VII)
	Ordered probit with vignettes					Ordered probit	OLS
	LS _i *	τ ¹	τ ²	τ ³	τ ⁴	LS _i *	LS _i
Cancer	-0.006 (0.109)	0.285* (0.122)	-0.014 (0.076)	-0.074 (0.074)	-0.006 (0.111)	0.038 (0.091)	0.032 (0.054)
Parkinson	-0.218 (0.257)	0.081 (0.293)	0.070 (0.185)	-0.014 (0.184)	-0.333 (0.240)	-0.129 (0.227)	-0.112 (0.137)
Age 65-70 (ref)							
Age 70-75	0.039 (0.064)	0.127 (0.074)	-0.005 (0.043)	0.022 (0.043)	-0.006 (0.065)	0.035 (0.053)	0.012 (0.031)
Age 75-80	-0.018 (0.073)	-0.125 (0.091)	-0.103* (0.051)	-0.017 (0.050)	-0.007 (0.075)	0.011 (0.061)	0.012 (0.037)
Age 80-85	0.089 (0.086)	-0.219* (0.108)	-0.121* (0.061)	-0.010 (0.060)	-0.029 (0.088)	0.151* (0.073)	0.099* (0.044)
Age >85	0.249 (0.129)	-0.318 (0.170)	-0.125 (0.090)	-0.010 (0.089)	0.147 (0.140)	0.255* (0.109)	0.159* (0.065)
Education low (ref)							
Education medium	0.003 (0.065)	0.099 (0.076)	0.011 (0.045)	0.026 (0.044)	0.144* (0.066)	-0.079 (0.054)	-0.039 (0.032)
Education high	-0.016 (0.093)	0.225* (0.111)	0.163** (0.063)	0.159* (0.062)	0.086 (0.091)	-0.132 (0.076)	-0.075 (0.045)
Income	0.006** (0.002)	-0.002 (0.003)	-0.001 (0.001)	0.003* (0.001)	0.003 (0.002)	0.003 (0.002)	0.002 (0.001)
Female	0.102 (0.054)	-0.165* (0.064)	-0.009 (0.037)	0.037 (0.037)	0.021 (0.056)	0.085 (0.045)	0.054* (0.027)
Area big city	-0.051 (0.087)	0.193 (0.099)	0.108 (0.060)	0.009 (0.060)	-0.150 (0.091)	-0.009 (0.073)	-0.011 (0.044)
Area suburb of big city	-0.019 (0.082)	0.009 (0.096)	0.145* (0.056)	-0.035 (0.056)	-0.149 (0.085)	0.047 (0.069)	0.028 (0.041)
Area large town	0.113 (0.077)	-0.010 (0.094)	0.030 (0.053)	-0.022 (0.052)	-0.066 (0.080)	0.169** (0.064)	0.100** (0.038)
Area small town	-0.046 (0.071)	-0.119 (0.088)	0.057 (0.049)	-0.124** (0.048)	-0.172* (0.074)	0.103 (0.059)	0.060 (0.035)
Area rural/village (ref)							
Kids	0.207* (0.083)	-0.121 (0.096)	0.130* (0.059)	0.114* (0.057)	0.028 (0.086)	0.141* (0.071)	0.084* (0.042)
Lives alone	-0.218*** (0.062)	0.041 (0.076)	-0.033 (0.043)	-0.039 (0.043)	-0.141* (0.063)	-0.170** (0.053)	-0.097** (0.032)
Volunteer	0.217* (0.095)	-0.240* (0.114)	-0.011 (0.060)	-0.013 (0.059)	0.169 (0.092)	0.126 (0.072)	0.072 (0.042)
Provides care	0.182* (0.074)	-0.039 (0.091)	0.108* (0.049)	0.113* (0.049)	0.145 (0.075)	0.071 (0.059)	0.043 (0.035)
Attended training or sport	0.117 (0.070)	-0.082 (0.088)	0.052 (0.047)	0.013 (0.045)	-0.004 (0.068)	0.122* (0.056)	0.064 (0.033)
Religiously or politically active	0.197** (0.076)	0.087 (0.089)	-0.010 (0.051)	-0.006 (0.051)	-0.018 (0.076)	0.241*** (0.062)	0.129*** (0.037)
Constant (α)	1.561*** (0.164)	-1.658*** (0.209)	-0.466*** (0.112)	0.681*** (0.110)	2.571*** (0.171)		3.927*** (0.080)
Vignette coefficient	1.005*** (0.029)						

	(I)	(II)	(III)	(IV)	(V)	(VI)	(VII)
	Ordered probit with vignettes					Ordered probit	OLS
	LS_i^*	τ^1	τ^2	τ^3	τ^4	LS_i^*	LS_i
σ	0.877*** (0.020)						
Log likelihood	-10255.4					-2981.8	-3149.4
Sample size	3087					3087	3087

The symbols *, ** and *** indicate that a variable is significant at respectively the 5%, 1%, and 0.1% level. To compare the size of the coefficients of the ordered probit model with vignettes (column I) and the standard ordered probit model (column VI), you have to multiply the coefficients from the standard ordered probit model with σ (the final coefficient in column I). The coefficients in the ordered probit models measure the impact on the latent life satisfaction LS_i^* (they do not have a quantitative interpretation). A positive coefficient means that the latent life satisfaction increases if the variable increases.

Table C2. Estimation results for the large sample

	(I)	(II)	(III)
	Ordered probit with vignettes	Ordered probit	OLS
	LS_i^*	LS_i^*	LS_i
Country (α^c):			
AT	0.140 (0.074)	0.125* (0.063)	0.073 (0.042)
DE (ref)			
SE	0.644*** (0.064)	0.444*** (0.055)	0.260*** (0.036)
NL	0.481*** (0.066)	-0.028 (0.056)	0.006 (0.037)
ES	0.125 (0.069)	-0.011 (0.059)	0.005 (0.040)
IT	0.237*** (0.062)	-0.093 (0.053)	-0.050 (0.036)
FR	0.488*** (0.064)	-0.137* (0.055)	-0.075* (0.037)
DK	0.304*** (0.068)	0.673*** (0.058)	0.371*** (0.038)
GR	-0.126 (0.065)	-0.379*** (0.056)	-0.238*** (0.038)
CH	0.667*** (0.077)	0.540*** (0.066)	0.308*** (0.043)
BE	-0.077 (0.061)	0.076 (0.053)	0.065 (0.036)
CZ	-0.301*** (0.064)	-0.197*** (0.055)	-0.139*** (0.037)
PL	-0.420*** (0.075)	-0.217*** (0.065)	-0.161*** (0.044)
Limitation (β^m):			
Dressing	-0.050 (0.050)	-0.053 (0.042)	-0.045 (0.030)
Walking and getting in/out bed	-0.073 (0.061)	-0.087 (0.052)	-0.063 (0.037)
Bathing/Showering	-0.095 (0.054)	-0.036 (0.047)	-0.029 (0.033)
Eating	0.066 (0.095)	0.048 (0.082)	0.035 (0.057)
Using toilet	-0.265** (0.084)	-0.202** (0.072)	-0.187*** (0.051)
Using map	0.090 (0.046)	-0.016 (0.040)	-0.017 (0.028)
Prepare meal	-0.236*** (0.066)	-0.184** (0.057)	-0.151*** (0.040)
Shopping	-0.145** (0.053)	-0.094* (0.046)	-0.088** (0.032)
Telephone calls	0.129 (0.083)	-0.073 (0.071)	-0.073 (0.050)
Taking medications	0.064 (0.093)	0.087 (0.080)	0.054 (0.056)

	(I) Ordered probit with vignettes LS_i^*	(II) Ordered probit LS_i^*	(III) OLS LS_i
Work around house/garden	0.046 (0.046)	-0.008 (0.039)	-0.014 (0.027)
Managing money	0.133* (0.063)	0.001 (0.054)	-0.004 (0.038)
Country and limitation (γ^c):			
AT and limitation	-0.403*** (0.114)	-0.341*** (0.098)	-0.215** (0.068)
DE and limitation	-0.275*** (0.100)	-0.212* (0.086)	-0.138* (0.059)
SE and limitation	-0.199* (0.099)	0.025 (0.086)	0.072 (0.057)
NL and limitation	-0.206 (0.107)	0.254** (0.092)	0.195** (0.063)
ES and limitation	-0.207* (0.093)	-0.150 (0.080)	-0.111* (0.056)
IT and limitation	-0.239** (0.085)	-0.190** (0.073)	-0.175*** (0.051)
FR and limitation	0.694*** (0.096)	0.116 (0.077)	0.095 (0.053)
DK and limitation	-0.185 (0.109)	-0.118 (0.094)	0.032 (0.062)
GR and limitation	0.047 (0.083)	-0.015 (0.072)	-0.035 (0.050)
CH and limitation	-0.227 (0.150)	-0.159 (0.128)	-0.032 (0.086)
BE and limitation	0.230** (0.084)	0.108 (0.074)	0.111* (0.050)
CZ and limitation	-0.506*** (0.093)	-0.288*** (0.080)	-0.226*** (0.056)
PL and limitation	0.270** (0.091)	0.058 (0.078)	0.040 (0.055)
Observed properties LTC (δ):			
Help	0.094** (0.035)	0.109*** (0.030)	0.080*** (0.021)
Help and usually good	-0.231*** (0.045)	-0.239*** (0.039)	-0.172*** (0.027)
Help and sometimes/hardly ever good	-0.339*** (0.075)	-0.309*** (0.065)	-0.231*** (0.045)
Control variables (θ):			
Has mobility limitations	-0.027 (0.034)	-0.066* (0.029)	-0.025 (0.020)
Number of mobility limitations	-0.059*** (0.009)	-0.038*** (0.007)	-0.031*** (0.005)
Has symptoms	-0.148*** (0.033)	-0.121*** (0.028)	-0.058** (0.019)
Number of symptoms	-0.020* (0.008)	-0.034*** (0.007)	-0.027*** (0.005)
Quality of cognitive functioning	0.064*** (0.010)	0.060*** (0.009)	0.041*** (0.006)
Depression	-0.569*** (0.028)	-0.559*** (0.024)	-0.411*** (0.017)
Heart failure	-0.034 (0.030)	-0.079** (0.026)	-0.057** (0.018)
Stroke	0.042 (0.052)	0.000 (0.045)	-0.001 (0.031)
Cancer	-0.168** (0.052)	-0.128** (0.044)	-0.084** (0.030)
Parkinson	-0.196 (0.107)	-0.149 (0.093)	-0.091 (0.065)
Age 65-70 (ref)			
Age 70-75	0.035 (0.029)	0.023 (0.025)	0.014 (0.017)
Age 75-80	0.037 (0.032)	0.066* (0.027)	0.044* (0.019)
Age 80-85	0.130*** (0.038)	0.158*** (0.033)	0.110*** (0.022)
Age >85	0.343*** (0.052)	0.270*** (0.045)	0.191*** (0.030)

	(I) Ordered probit with vignettes LS_i^*	(II) Ordered probit LS_i^*	(III) OLS LS_i
Education low (ref)			
Education medium	0.125*** (0.028)	0.038 (0.024)	0.031 (0.016)
Education high	0.226*** (0.041)	0.110** (0.035)	0.074** (0.023)
Income	0.005*** (0.001)	0.002*** (0.001)	0.001*** (0.000)
Female	0.117*** (0.024)	0.084*** (0.021)	0.055*** (0.014)
Area big city	0.044 (0.038)	0.084* (0.033)	0.059** (0.022)
Area suburb of big city	-0.045 (0.037)	0.031 (0.032)	0.021 (0.021)
Area large town	0.086* (0.034)	0.108*** (0.029)	0.072*** (0.020)
Area small town	-0.002 (0.032)	0.109*** (0.027)	0.073*** (0.018)
Area rural/village (ref)			
Kids	0.295*** (0.037)	0.206*** (0.032)	0.148*** (0.022)
Lives alone	-0.303*** (0.027)	-0.198*** (0.023)	-0.129*** (0.016)
Volunteer	0.211*** (0.040)	0.085* (0.034)	0.047* (0.022)
Provides care	0.197*** (0.032)	0.060* (0.027)	0.041* (0.018)
Attended training or sport	0.099** (0.031)	0.078** (0.026)	0.049** (0.017)
Religiously or politically active	0.122*** (0.033)	0.119*** (0.028)	0.078*** (0.019)
Constant (α)	1.537*** (0.078)		3.850*** (0.045)
σ	1.169*** (0.009)		
Log likelihood	-16100.9	-15126.4	-15960.6
Sample size	14093	14093	14093

2. Appendices to Chapter 6

Joanna Geerts and Peter Willemé (FPB)

Appendix A. Projection results

Germany

A. Public expenditure

a. AWG Variant 1

Residential care

Table A1. Projected public expenditure, Germany, residential care, AWG variant 1, unit costs evolve in line with GDP per hour worked (€ million)

	DELAY	CONST	PREV	CHRON	BIOL	SMOK	TREND	noSMOK	noSquit	BMI	LEAN	FAT
2010	10,082	10,074	10,083	10,089	10,077	10,082	10,084	10,082	10,093	10,052	10,052	10,052
2015	12,104	11,906	12,171	12,234	11,986	12,083	12,120	12,083	12,175	12,007	12,007	12,007
2020	14,481	13,818	14,712	14,886	14,109	14,386	14,505	14,385	14,606	14,324	14,319	14,335
2025	17,364	15,921	17,871	18,217	16,592	17,100	17,367	17,102	17,522	17,139	17,109	17,198
2030	20,180	17,687	21,100	21,650	18,910	19,637	20,115	19,669	20,351	19,867	19,785	20,030
2035	22,865	19,285	24,361	25,136	20,962	21,947	22,698	22,113	23,055	22,425	22,237	22,799
2040	26,540	21,688	28,851	29,965	23,739	25,113	26,248	25,748	26,827	25,879	25,502	26,635
2045	31,434	24,666	34,869	36,467	27,561	29,383	31,018	31,065	31,936	30,499	29,870	31,759
2050	36,736	27,376	41,570	43,736	31,818	34,058	36,250	37,081	37,495	35,564	34,726	37,242
2055	40,738	28,642	47,042	49,738	35,134	37,551	40,254	41,556	41,654	39,425	38,477	41,319
2060	42,288	28,355	49,980	52,998	36,460	38,836	41,858	43,193	43,211	40,937	39,958	42,896
% change 2010-2060	319	181	396	425	262	285	315	328	328	307	298	327

Table A2. Projected public expenditure, Germany, residential care, AWG variant 1, unit costs evolve in line with GDP per hour worked (% of GDP)

	DELAY	CONST	PREV	CHRON	BIOL	SMOK	TREND	noSMOK	noSquit	BMI	LEAN	FAT
2010	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
2015	0.44	0.43	0.44	0.45	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44
2020	0.50	0.48	0.51	0.52	0.49	0.50	0.50	0.50	0.51	0.50	0.50	0.50
2025	0.58	0.53	0.60	0.61	0.55	0.57	0.58	0.57	0.58	0.57	0.57	0.57
2030	0.65	0.57	0.68	0.70	0.61	0.64	0.65	0.64	0.66	0.64	0.64	0.65
2035	0.72	0.61	0.77	0.79	0.66	0.69	0.72	0.70	0.73	0.71	0.70	0.72
2040	0.81	0.66	0.88	0.91	0.72	0.77	0.80	0.78	0.82	0.79	0.78	0.81
2045	0.92	0.72	1.02	1.06	0.80	0.86	0.91	0.91	0.93	0.89	0.87	0.93
2050	1.03	0.77	1.16	1.23	0.89	0.95	1.02	1.04	1.05	1.00	0.97	1.04
2055	1.10	0.77	1.27	1.34	0.95	1.01	1.09	1.12	1.12	1.06	1.04	1.11
2060	1.10	0.74	1.30	1.38	0.95	1.01	1.09	1.12	1.12	1.06	1.04	1.11
pp change 2010-2060	0.69	0.33	0.89	0.97	0.54	0.60	0.68	0.72	0.72	0.66	0.63	0.71
% change 2010-2060	172	82	221	241	135	150	169	178	178	164	158	177
diff 2060 to DELAY pp		-0.36	0.20	0.28	-0.15	-0.09	-0.01	0.02	0.02	-0.03	-0.06	0.02

Table A3. Projected public expenditure, Germany, residential care, AWG variant 1, alternative unit costs scenarios, Delay disability scenario

		Base GDP per hour worked	GDP per Constant capita			Base GDP per hour worked	GDP per Constant capita		
€ million	2060	42,288	37,748	20,386	% GDP	2060	1.10	0.98	0.53
	<i>Difference to base</i>		-4,540	-21,902		<i>Difference to base</i>		-0.12	-0.57
	% Change 2010-2060	319	274	102		Percentage point change 2010- 2060	0.69	0.58	0.13
	<i>Difference to base</i>		-45	-217		<i>Difference to base</i>		-0.12	-0.57

Home care

Table A4. Projected public expenditure, Germany, home care, AWG variant 1, unit costs evolve in line with GDP per hour worked (€ million)

	DELAY	CONST	PREV	CHRON	BIOL	SMOK	TREND	noSMOK	noSquit	BMI	LEAN	FAT	DELAY HH	DELAY EDU
2010	4,979	4,976	4,980	4,981	4,977	4,979	4,980	4,979	4,983	4,975	4,975	4,975	4,979	4,953
2015	5,998	5,916	6,021	6,037	5,964	5,984	6,002	5,984	6,025	5,982	5,982	5,982	6,005	5,938
2020	7,172	6,894	7,248	7,296	7,071	7,116	7,175	7,117	7,222	7,146	7,146	7,148	7,155	7,062
2025	8,404	7,793	8,564	8,657	8,211	8,260	8,388	8,271	8,470	8,363	8,356	8,375	8,409	8,290
2030	9,805	8,757	10,089	10,230	9,497	9,525	9,751	9,575	9,887	9,737	9,711	9,789	9,843	9,648
2035	11,374	9,826	11,837	12,041	10,901	10,912	11,271	11,090	11,494	11,269	11,200	11,408	11,434	11,141
2040	13,266	11,077	13,989	14,291	12,570	12,573	13,115	13,043	13,465	13,120	12,988	13,383	13,339	12,998
2045	15,361	12,279	16,428	16,864	14,450	14,401	15,174	15,360	15,682	15,174	14,984	15,556	15,450	15,121
2050	17,218	13,032	18,661	19,232	16,185	15,998	17,025	17,506	17,658	17,006	16,779	17,461	17,354	17,037
2055	18,567	13,320	20,382	21,044	17,524	17,144	18,402	19,038	19,073	18,345	18,106	18,822	18,758	18,496
2060	19,363	13,419	21,584	22,295	18,337	17,837	19,250	19,863	19,869	19,139	18,895	19,628	19,574	19,277
% change 2010-60	289	170	333	348	268	258	287	299	299	285	280	295	293	289

Table A5. Projected public expenditure, Germany, home care, AWG variant 1, unit costs evolve in line with GDP per hour worked (% of GDP)

	DELAY	CONST	PREV	CHRON	BIOL	SMOK	TREND	noSMOK	noSquit	BMI	LEAN	FAT	DELAY HH	DELAY EDU
2010	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
2015	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22
2020	0.25	0.24	0.25	0.25	0.24	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.24
2025	0.28	0.26	0.29	0.29	0.27	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
2030	0.32	0.28	0.33	0.33	0.31	0.31	0.32	0.31	0.32	0.32	0.31	0.32	0.32	0.31
2035	0.36	0.31	0.37	0.38	0.34	0.34	0.36	0.35	0.36	0.36	0.35	0.36	0.36	0.35
2040	0.40	0.34	0.43	0.44	0.38	0.38	0.40	0.40	0.41	0.40	0.40	0.41	0.41	0.40
2045	0.45	0.36	0.48	0.49	0.42	0.42	0.44	0.45	0.46	0.44	0.44	0.45	0.45	0.44
2050	0.48	0.37	0.52	0.54	0.45	0.45	0.48	0.49	0.49	0.48	0.47	0.49	0.49	0.48
2055	0.50	0.36	0.55	0.57	0.47	0.46	0.50	0.51	0.51	0.49	0.49	0.51	0.51	0.50
2060	0.50	0.35	0.56	0.58	0.48	0.46	0.50	0.52	0.52	0.50	0.49	0.51	0.51	0.50
pp change 2010-2060	0.30	0.15	0.36	0.38	0.28	0.26	0.30	0.32	0.32	0.30	0.29	0.31	0.31	0.30
% change 2010-2060	152	75	181	190	139	132	151	159	158	149	146	156	155	152
diff 2060 to DELAY pp		-0.15	0.06	0.08	-0.03	-0.04	0.00	0.01	0.01	-0.01	-0.01	0.01	0.01	0.00

Table A6. Projected public expenditure, Germany, home care, AWG variant 1, alternative unit costs scenarios, Delay disability scenario

		Base GDP per hour worked	GDP per capita	Constant		Base GDP per hour worked	GDP per capita	Constant
€ million	2060	19,363	17,284	9,335% GDP	2060	0.50	0.45	0.24
	<i>Difference to base</i>		-2,079	-10,028	<i>Difference to base</i>		-0.05	-0.26
	% Change 2010-2060	289	247	87	Percentage point change 2010- 2060	0.30	0.25	0.04
	<i>Difference to base</i>		-42	-201	<i>Difference to base</i>		-0.05	-0.26

b. AWG Variant 2

Residential care

Table A7. Projected public expenditure, Germany, residential care, AWG variant 2, unit costs evolve in line with GDP per hour worked (€ million)

	DELAY	CONST	PREV	CHRON	BIOL	SMOK	TREND	noSMOK	noSquit	BMI	LEAN	FAT
2010	9,406	9,399	9,407	9,412	9,401	9,406	9,408	9,406	9,416	9,379	9,379	9,379
2015	11,277	11,098	11,340	11,398	11,164	11,258	11,292	11,258	11,343	11,188	11,188	11,188
2020	13,455	12,856	13,672	13,832	13,103	13,367	13,479	13,366	13,570	13,310	13,305	13,320
2025	16,056	14,756	16,532	16,849	15,329	15,814	16,061	15,817	16,201	15,847	15,819	15,905
2030	18,644	16,405	19,507	20,012	17,446	18,150	18,588	18,182	18,801	18,352	18,271	18,513
2035	21,159	17,947	22,565	23,278	19,360	20,325	21,011	20,485	21,336	20,746	20,562	21,112
2040	24,541	20,190	26,708	27,732	21,897	23,248	24,281	23,837	24,805	23,925	23,565	24,644
2045	28,970	22,901	32,173	33,639	25,334	27,117	28,600	28,645	29,427	28,107	27,520	29,281
2050	33,690	25,298	38,167	40,146	29,100	31,276	33,256	34,004	34,375	32,615	31,841	34,162
2055	37,243	26,412	43,062	45,519	32,025	34,376	36,810	37,980	38,068	36,043	35,173	37,783
2060	38,668	26,209	45,774	48,526	33,219	35,563	38,283	39,482	39,497	37,433	36,534	39,233
% change 2010-2060	311	179	387	416	253	278	307	320	319	299	290	318

Table A8. Projected public expenditure, Germany, residential care, AWG variant 2, unit costs evolve in line with GDP per hour worked (% of GDP)

	DELAY	CONST	PREV	CHRON	BIOL	SMOK	TREND	noSMOK	noSquit	BMI	LEAN	FAT
2010	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38
2015	0.41	0.41	0.41	0.42	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41
2020	0.47	0.45	0.47	0.48	0.45	0.46	0.47	0.46	0.47	0.46	0.46	0.46
2025	0.53	0.49	0.55	0.56	0.51	0.53	0.53	0.53	0.54	0.53	0.53	0.53
2030	0.60	0.53	0.63	0.65	0.56	0.59	0.60	0.59	0.61	0.59	0.59	0.60
2035	0.67	0.57	0.71	0.74	0.61	0.64	0.66	0.65	0.67	0.66	0.65	0.67
2040	0.75	0.62	0.81	0.85	0.67	0.71	0.74	0.73	0.76	0.73	0.72	0.75
2045	0.85	0.67	0.94	0.98	0.74	0.79	0.83	0.84	0.86	0.82	0.80	0.85
2050	0.94	0.71	1.07	1.12	0.82	0.88	0.93	0.95	0.96	0.91	0.89	0.96
2055	1.00	0.71	1.16	1.23	0.86	0.93	0.99	1.02	1.03	0.97	0.95	1.02
2060	1.00	0.68	1.19	1.26	0.86	0.92	0.99	1.02	1.02	0.97	0.95	1.02
pp change 2010-2060	0.63	0.30	0.81	0.88	0.49	0.55	0.62	0.65	0.65	0.60	0.57	0.64
% change 2010-2060	167	81	215	234	129	145	164	172	172	159	153	171
diff 2060 to DELAY pp		-0.32	0.18	0.26	-0.14	-0.08	-0.01	0.02	0.02	-0.03	-0.05	0.02

Table A9. Projected public expenditure, Germany, residential care, AWG variant 2, alternative unit costs scenarios, Delay disability scenario

		Base GDP per hour worked	GDP per capita	Constant		Base GDP per hour worked	GDP per capita	Constant
€ million	2060	38,668	34,517	18,641% GDP	2060	1.00	0.90	0.48
	<i>Difference to base</i>		-4,151	-20,027	<i>Difference to base</i>		-0.11	-0.52
	% Change 2010-2060	311	267	98	Percentage point change 2010- 2060	0.63	0.52	0.11
	<i>Difference to base</i>		-44	-213	<i>Difference to base</i>		-0.11	-0.52

Home care

Table A10. Projected public expenditure, Germany, home care, AWG variant 2, unit costs evolve in line with GDP per hour worked (€ million)

	DELAY	CONST	PREV	CHRON	BIOL	SMOK	TREND	noSMOK	noSquit	BMI	LEAN	FAT	DELAY HH	DELAY EDU
2010	7,830	7,824	7,831	7,833	7,827	7,829	7,831	7,829	7,836	7,822	7,822	7,822	7,830	7,772
2015	9,348	9,211	9,381	9,406	9,296	9,327	9,355	9,327	9,389	9,322	9,322	9,322	9,347	9,233
2020	11,137	10,677	11,248	11,320	10,980	11,052	11,141	11,055	11,211	11,095	11,094	11,098	11,097	10,942
2025	13,138	12,138	13,375	13,515	12,836	12,922	13,115	12,941	13,235	13,073	13,062	13,096	13,123	12,924
2030	15,195	13,498	15,614	15,826	14,715	14,778	15,115	14,857	15,315	15,094	15,051	15,178	15,200	14,919
2035	17,601	15,117	18,290	18,596	16,863	16,916	17,451	17,174	17,774	17,445	17,341	17,652	17,669	17,206
2040	20,580	17,081	21,650	22,099	19,497	19,553	20,355	20,245	20,869	20,356	20,160	20,748	20,720	20,113
2045	23,927	19,004	25,492	26,135	22,501	22,507	23,645	23,921	24,392	23,637	23,355	24,200	24,172	23,447
2050	27,027	20,339	29,142	29,984	25,373	25,229	26,730	27,445	27,664	26,695	26,359	27,367	27,383	26,582
2055	29,145	20,770	31,799	32,780	27,436	27,057	28,882	29,822	29,872	28,797	28,445	29,502	29,536	28,830
2060	30,235	20,775	33,471	34,527	28,527	28,007	30,042	30,949	30,958	29,886	29,526	30,606	30,647	29,893
% change 2010-60	286	166	327	341	264	258	284	295	295	282	277	291	291	285

Table A11. Projected public expenditure, Germany, home care, AWG variant 2, unit costs evolve in line with GDP per hour worked (% of GDP)

	DELAY	CONST	PREV	CHRON	BIOL	SMOK	TREND	noSMOK	noSquit	BMI	LEAN	FAT	DELAY HH	DELAY EDU
2010	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31
2015	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
2020	0.39	0.37	0.39	0.39	0.38	0.38	0.39	0.38	0.39	0.38	0.38	0.38	0.38	0.38
2025	0.44	0.40	0.45	0.45	0.43	0.43	0.44	0.43	0.44	0.44	0.43	0.44	0.44	0.43
2030	0.49	0.44	0.51	0.51	0.48	0.48	0.49	0.48	0.50	0.49	0.49	0.49	0.49	0.48
2035	0.56	0.48	0.58	0.59	0.53	0.53	0.55	0.54	0.56	0.55	0.55	0.56	0.56	0.54
2040	0.63	0.52	0.66	0.67	0.59	0.60	0.62	0.62	0.64	0.62	0.61	0.63	0.63	0.61
2045	0.70	0.55	0.74	0.76	0.66	0.66	0.69	0.70	0.71	0.69	0.68	0.71	0.71	0.68
2050	0.76	0.57	0.82	0.84	0.71	0.71	0.75	0.77	0.77	0.75	0.74	0.77	0.77	0.74
2055	0.79	0.56	0.86	0.88	0.74	0.73	0.78	0.80	0.81	0.78	0.77	0.80	0.80	0.78
2060	0.78	0.54	0.87	0.90	0.74	0.73	0.78	0.80	0.80	0.78	0.77	0.79	0.80	0.78
pp change 2010-2060	0.47	0.23	0.56	0.58	0.43	0.41	0.47	0.49	0.49	0.46	0.45	0.48	0.48	0.46
% change 2010-2060	150	72	177	186	136	132	149	156	156	148	145	154	154	149
diff 2060 to DELAY pp		-0.25	0.08	0.11	-0.04	-0.06	-0.01	0.02	0.02	-0.01	-0.02	0.01	0.01	-0.01

Table A12. Projected public expenditure, Germany, home care, AWG variant 2, alternative unit costs scenarios, Delay disability scenario

		Base GDP per hour worked	GDP per capita	Constant 14,576 % GDP		Base GDP per hour worked	GDP per capita	Constant
€ million	2060	30,235	26,989		2060	0.78	0.70	0.38
	<i>Difference to base</i>		-3,246	-15,659	<i>Difference to base</i>		-0.08	-0.41
	% Change 2010-2060	286	245	86	Percentage point change 2010- 2060	0.47	0.39	0.06
	<i>Difference to base</i>		-41	-200	<i>Difference to base</i>		-0.08	-0.41

c. SHA

Residential care

Table A13. Projected public expenditure, Germany, residential care, SHA, unit costs evolve in line with GDP per hour worked (€ million)

	DELAY	CONST	PREV	CHRON	BIOL	SMOK	TREND	noSMOK	noSquit	BMI	LEAN	FAT
2010	11,613	11,604	11,614	11,621	11,607	11,613	11,616	11,613	11,626	11,579	11,579	11,579
2015	13,939	13,711	14,016	14,089	13,803	13,915	13,957	13,915	14,021	13,828	13,828	13,828
2020	16,682	15,920	16,949	17,149	16,254	16,572	16,711	16,572	16,826	16,502	16,496	16,514
2025	20,005	18,346	20,591	20,989	19,116	19,701	20,009	19,704	20,188	19,746	19,712	19,815
2030	23,248	20,381	24,310	24,944	21,785	22,622	23,173	22,659	23,445	22,888	22,793	23,078
2035	26,345	22,227	28,072	28,964	24,153	25,286	26,152	25,477	26,565	25,838	25,622	26,271
2040	30,575	24,991	33,241	34,524	27,348	28,927	30,237	29,660	30,905	29,814	29,378	30,686
2045	36,210	28,421	40,171	42,012	31,751	33,842	35,729	35,784	36,789	35,134	34,408	36,586
2050	42,315	31,542	47,890	50,385	36,656	39,225	41,755	42,715	43,193	40,968	40,002	42,901
2055	46,920	32,998	54,190	57,294	40,476	43,242	46,362	47,866	47,978	45,411	44,319	47,593
2060	48,704	32,668	57,574	61,048	42,005	44,720	48,209	49,750	49,769	47,151	46,023	49,407
% change 2010-60	319	182	396	425	262	285	315	328	328	307	297	327

Table A14. Projected public expenditure, Germany, residential care, SHA, unit costs evolve in line with GDP per hour worked (% of GDP)

	DELAY	CONST	PREV	CHRON	BIOL	SMOK	TREND	noSMOK	noSquit	BMI	LEAN	FAT
2010	0.46	0.46	0.46	0.47	0.46	0.46	0.46	0.46	0.47	0.46	0.46	0.46
2015	0.51	0.50	0.51	0.51	0.50	0.51	0.51	0.51	0.51	0.51	0.51	0.51
2020	0.58	0.55	0.59	0.59	0.56	0.57	0.58	0.57	0.58	0.57	0.57	0.57
2025	0.67	0.61	0.69	0.70	0.64	0.66	0.67	0.66	0.67	0.66	0.66	0.66
2030	0.75	0.66	0.79	0.81	0.71	0.73	0.75	0.73	0.76	0.74	0.74	0.75
2035	0.83	0.70	0.89	0.91	0.76	0.80	0.83	0.80	0.84	0.82	0.81	0.83
2040	0.93	0.76	1.01	1.05	0.83	0.88	0.92	0.90	0.94	0.91	0.90	0.94
2045	1.06	0.83	1.17	1.23	0.93	0.99	1.04	1.04	1.07	1.03	1.00	1.07
2050	1.19	0.88	1.34	1.41	1.03	1.10	1.17	1.20	1.21	1.15	1.12	1.20
2055	1.26	0.89	1.46	1.54	1.09	1.17	1.25	1.29	1.29	1.22	1.19	1.28
2060	1.26	0.85	1.49	1.58	1.09	1.16	1.25	1.29	1.29	1.22	1.19	1.28
pp change 2010-2060	0.80	0.38	1.03	1.12	0.63	0.70	0.79	0.83	0.83	0.76	0.73	0.82
% change 2010-2060	172	83	221	241	135	150	169	178	178	164	158	177
diff 2060 to DELAY pp		-0.42	0.23	0.32	-0.17	-0.10	-0.01	0.03	0.03	-0.04	-0.07	0.02

Table A15. Projected public expenditure, Germany, residential care, SHA, alternative unit costs scenarios, Delay disability scenario

		Base GDP per hour worked	GDP per capita	Constant		Base GDP per hour worked	GDP per capita	Constant
€ million	2060	48,704	43,475	23,479% GDP	2060	1.26	1.13	0.61
	<i>Difference to base</i>		-5,229	-25,225	<i>Difference to base</i>		-0.14	-0.65
	% Change 2010-2060	319	274	102	Percentage point change 2010-2060	0.80	0.66	0.14
	<i>Difference to base</i>		-45	-217	<i>Difference to base</i>		-0.14	-0.65

Home care

Table A16. Projected public expenditure, Germany, home care, SHA, unit costs evolve in line with GDP per hour worked (€ million)

	DELAY	CONST	PREV	CHRON	BIOL	SMOK	TREND	noSMOK	noSquit	BMI	LEAN	FAT	DELAY HH	DELAY EDU
2010	7,569	7,564	7,571	7,572	7,567	7,568	7,570	7,568	7,575	7,562	7,562	7,562	7,569	7,496
2015	9,056	8,936	9,090	9,113	9,005	9,037	9,063	9,037	9,095	9,033	9,033	9,033	9,078	8,921
2020	10,754	10,347	10,863	10,932	10,599	10,673	10,759	10,676	10,824	10,715	10,714	10,718	10,755	10,530
2025	12,501	11,620	12,731	12,862	12,208	12,299	12,480	12,316	12,593	12,440	12,430	12,459	12,556	12,252
2030	14,542	13,044	14,949	15,148	14,070	14,151	14,467	14,226	14,656	14,439	14,398	14,519	14,666	14,211
2035	16,876	14,673	17,547	17,834	16,149	16,237	16,738	16,499	17,048	16,718	16,613	16,928	17,074	16,420
2040	19,649	16,542	20,693	21,118	18,580	18,697	19,446	19,366	19,930	19,428	19,234	19,816	19,905	19,118
2045	22,650	18,285	24,177	24,786	21,254	21,341	22,400	22,666	23,094	22,372	22,098	22,920	22,972	22,130
2050	25,208	19,305	27,247	28,039	23,623	23,557	24,949	25,606	25,807	24,898	24,576	25,540	25,617	24,741
2055	27,031	19,668	29,576	30,490	25,406	25,117	26,806	27,665	27,711	26,707	26,373	27,377	27,495	26,696
2060	28,172	19,855	31,287	32,274	26,530	26,127	28,014	28,841	28,849	27,846	27,502	28,532	28,669	27,802
% change 2010-60	272	162	313	326	251	245	270	281	281	268	264	277	279	271

Table A17. Projected public expenditure, Germany, home care, SHA, unit costs evolve in line with GDP per hour worked (% of GDP)

	DELAY	CONST	PREV	CHRON	BIOL	SMOK	TREND	noSMOK	noSquit	BMI	LEAN	FAT	DELAY HH	DELAY EDU
2010	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30
2015	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33
2020	0.37	0.36	0.38	0.38	0.37	0.37	0.37	0.37	0.38	0.37	0.37	0.37	0.37	0.36
2025	0.42	0.39	0.42	0.43	0.41	0.41	0.42	0.41	0.42	0.41	0.41	0.41	0.42	0.41
2030	0.47	0.42	0.48	0.49	0.46	0.46	0.47	0.46	0.47	0.47	0.47	0.47	0.47	0.46
2035	0.53	0.46	0.55	0.56	0.51	0.51	0.53	0.52	0.54	0.53	0.52	0.53	0.54	0.52
2040	0.60	0.50	0.63	0.64	0.57	0.57	0.59	0.59	0.61	0.59	0.59	0.60	0.61	0.58
2045	0.66	0.53	0.71	0.72	0.62	0.62	0.65	0.66	0.67	0.65	0.64	0.67	0.67	0.65
2050	0.71	0.54	0.76	0.79	0.66	0.66	0.70	0.72	0.72	0.70	0.69	0.72	0.72	0.69
2055	0.73	0.53	0.80	0.82	0.68	0.68	0.72	0.75	0.75	0.72	0.71	0.74	0.74	0.72
2060	0.73	0.52	0.81	0.84	0.69	0.68	0.73	0.75	0.75	0.72	0.71	0.74	0.74	0.72
pp change 2010-60	0.43	0.21	0.51	0.53	0.39	0.37	0.42	0.45	0.45	0.42	0.41	0.44	0.44	0.42
% change 2010-60	141	70	168	176	127	124	140	147	147	139	136	145	146	140
diff 2060 to DELAY pp		-0.22	0.08	0.11	-0.04	-0.05	0.00	0.02	0.02	-0.01	-0.02	0.01	0.01	-0.01

Table A18. Projected public expenditure, Germany, home care, SHA, alternative unit costs scenarios, Delay disability scenario

		Base GDP per hour worked	GDP per capita	Constant 13,581 % GDP	2060	Base GDP per hour worked	GDP per capita	Constant
€ million	2060	28,172	25,147			0.73	0.65	0.35
	<i>Difference to base</i>		-3,025	-14,591	<i>Difference to base</i>		-0.08	-0.38
	% Change 2010-2060	272	232	79	Percentage point change 2010- 2060	0.43	0.35	0.05
	<i>Difference to base</i>		-40	-193	<i>Difference to base</i>		-0.08	-0.38

B. Private expenditure

a. Residential care

Table A19. Projected private expenditure, Germany, residential care, SHA, unit costs evolve in line with GDP per hour worked (€ million)

	DELAY	CONST	PREV	CHRON	BIOL	SMOK	TREND	noSMOK	noSquit	BMI	LEAN	FAT
2010	6,337	6,332	6,337	6,341	6,334	6,337	6,338	6,337	6,344	6,318	6,318	6,318
2015	7,606	7,482	7,648	7,688	7,532	7,593	7,616	7,593	7,651	7,545	7,545	7,545
2020	9,103	8,687	9,248	9,358	8,869	9,043	9,118	9,043	9,182	9,004	9,001	9,011
2025	10,916	10,011	11,236	11,453	10,431	10,750	10,918	10,752	11,016	10,775	10,756	10,812
2030	12,686	11,121	13,265	13,611	11,887	12,344	12,645	12,364	12,793	12,489	12,438	12,593
2035	14,376	12,129	15,318	15,805	13,179	13,797	14,270	13,902	14,495	14,099	13,981	14,335
2040	16,684	13,637	18,138	18,838	14,923	15,785	16,499	16,185	16,864	16,269	16,031	16,744
2045	19,758	15,508	21,920	22,924	17,325	18,467	19,496	19,526	20,075	19,171	18,775	19,964
2050	23,090	17,211	26,132	27,493	20,002	21,404	22,784	23,308	23,569	22,355	21,828	23,410
2055	25,603	18,006	29,570	31,264	22,086	23,595	25,298	26,119	26,180	24,779	24,183	25,970
2060	26,576	17,826	31,416	33,312	22,920	24,402	26,306	27,147	27,157	25,729	25,113	26,960
% change 2010-60	319	182	396	425	262	285	315	328	328	307	297	327

Table A20. Projected private expenditure, Germany, residential care, SHA, unit costs evolve in line with GDP per hour worked (% of GDP)

	DELAY	CONST	PREV	CHRON	BIOL	SMOK	TREND	noSMOK	noSquit	BMI	LEAN	FAT
2010	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
2015	0.28	0.27	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
2020	0.32	0.30	0.32	0.32	0.31	0.31	0.32	0.31	0.32	0.31	0.31	0.31
2025	0.36	0.33	0.37	0.38	0.35	0.36	0.36	0.36	0.37	0.36	0.36	0.36
2030	0.41	0.36	0.43	0.44	0.38	0.40	0.41	0.40	0.41	0.40	0.40	0.41
2035	0.45	0.38	0.48	0.50	0.42	0.44	0.45	0.44	0.46	0.45	0.44	0.45
2040	0.51	0.42	0.55	0.57	0.45	0.48	0.50	0.49	0.51	0.50	0.49	0.51
2045	0.58	0.45	0.64	0.67	0.51	0.54	0.57	0.57	0.59	0.56	0.55	0.58
2050	0.65	0.48	0.73	0.77	0.56	0.60	0.64	0.65	0.66	0.63	0.61	0.66
2055	0.69	0.49	0.80	0.84	0.60	0.64	0.68	0.70	0.71	0.67	0.65	0.70
2060	0.69	0.46	0.82	0.86	0.59	0.63	0.68	0.70	0.70	0.67	0.65	0.70
pp change 2010-60	0.44	0.21	0.56	0.61	0.34	0.38	0.43	0.45	0.45	0.41	0.40	0.45
% change 2010-60	172	83	221	241	135	150	169	178	178	164	158	177
diff 2060 to DELAY pp		-0.23	0.13	0.17	-0.09	-0.06	-0.01	0.01	0.01	-0.02	-0.04	0.01

Table A21. Projected private expenditure, Germany, residential care, SHA, alternative unit costs scenarios, Delay disability scenario

		Base GDP per hour worked	GDP per capita	Constant 12,812% GDP		Base GDP per hour worked	GDP per capita	Constant
€ million	2060	26,576	23,723	12,812% GDP	2060	0.69	0.62	0.33
	<i>Difference to base</i>		-2,853	-13,764	<i>Difference to base</i>		-0.07	-0.36
	% Change 2010-2060	319	274	102	Percentage point change 2010- 2060	0.44	0.36	0.08
	<i>Difference to base</i>		-45	-217	<i>Difference to base</i>		-0.07	-0.36

Table A24. Projected private expenditure, Germany, home care, SHA, alternative unit costs scenarios, Delay disability scenario

		Base GDP per hour worked	GDP per capita	Constant		Base GDP per hour worked	GDP per capita	Constant
€ million	2060	6,880	6,141	3,317% GDP	2060	0.18	0.16	0.09
	<i>Difference to base</i>		-739	-3,563	<i>Difference to base</i>		-0.02	-0.09
	% Change 2010-2060	272	232	79	Percentage point change 2010- 2060	0.10	0.09	0.01
	<i>Difference to base</i>		-40	-193	<i>Difference to base</i>		-0.02	-0.09

The Netherlands

A. Public expenditure

a. AWG variant 1

Total (residential care and home care)

Table A25. Projected public expenditure, The Netherlands, total care, AWG variant 1, unit costs evolve in line with GDP per hour worked (€ million)

	DELAY	CONST	PREV	CHRON	BIOL	SMOK	TREND	noSMOK	noSquit	BMI	LEAN	FAT	DELAY HH	DELAY EDU
2010	5,952	5,946	5,953	5,954	5,951	5,952	5,953	5,952	5,963	5,948	5,948	5,948	5,952	5,814
2015	7,164	7,030	7,187	7,201	7,134	7,147	7,176	7,147	7,232	7,167	7,167	7,167	7,125	6,935
2020	8,697	8,263	8,774	8,812	8,606	8,622	8,717	8,623	8,821	8,720	8,718	8,724	8,614	8,327
2025	10,714	9,788	10,886	10,961	10,525	10,518	10,728	10,531	10,895	10,760	10,747	10,786	10,545	10,134
2030	13,468	11,774	13,792	13,922	13,139	13,064	13,458	13,123	13,731	13,537	13,497	13,616	13,197	12,628
2035	17,245	14,323	17,792	18,004	16,738	16,506	17,191	16,703	17,649	17,341	17,253	17,517	16,898	16,082
2040	20,697	16,260	21,526	21,831	20,009	19,560	20,598	20,272	21,361	20,815	20,649	21,148	20,269	19,216
2045	24,132	17,952	25,304	25,717	23,251	22,622	24,044	24,445	25,186	24,271	24,016	24,781	23,634	22,362
2050	27,862	19,600	29,447	29,997	26,787	26,006	27,856	28,972	29,254	28,023	27,711	28,648	27,308	25,785
2055	31,238	20,746	33,285	33,973	30,032	29,071	31,353	32,770	32,823	31,419	31,077	32,104	30,628	28,997
2060	33,412	21,102	35,938	36,730	32,166	31,028	33,642	35,032	35,040	33,601	33,242	34,317	32,716	31,052
% change 2010-60	461	255	504	517	441	421	465	489	488	465	459	477	450	434

Table A26. Projected public expenditure, The Netherlands, total care, AWG variant 1, unit costs evolve in line with GDP per hour worked (% of GDP)

	DELAY	CONST	PREV	CHRON	BIOL	SMOK	TREND	noSMOK	noSquit	BMI	LEAN	FAT	DELAY HH	DELAY EDU
2010	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01	0.98
2015	1.10	1.08	1.10	1.10	1.09	1.10	1.10	1.10	1.11	1.10	1.10	1.10	1.09	1.06
2020	1.24	1.18	1.25	1.26	1.23	1.23	1.24	1.23	1.26	1.25	1.24	1.25	1.23	1.19
2025	1.45	1.32	1.47	1.48	1.42	1.42	1.45	1.42	1.47	1.45	1.45	1.46	1.42	1.37
2030	1.72	1.51	1.77	1.78	1.68	1.67	1.72	1.68	1.76	1.73	1.73	1.74	1.69	1.62
2035	2.09	1.73	2.15	2.18	2.03	2.00	2.08	2.02	2.14	2.10	2.09	2.12	2.05	1.95
2040	2.35	1.84	2.44	2.48	2.27	2.22	2.34	2.30	2.42	2.36	2.34	2.40	2.30	2.18
2045	2.56	1.90	2.68	2.72	2.46	2.40	2.55	2.59	2.67	2.57	2.54	2.63	2.50	2.37
2050	2.75	1.94	2.91	2.96	2.65	2.57	2.75	2.86	2.89	2.77	2.74	2.83	2.70	2.55
2055	2.89	1.92	3.08	3.14	2.78	2.69	2.90	3.03	3.03	2.90	2.87	2.97	2.83	2.68
2060	2.89	1.83	3.11	3.18	2.78	2.69	2.91	3.03	3.03	2.91	2.88	2.97	2.83	2.69
pp change 2010-60	1.89	0.82	2.11	2.17	1.78	1.68	1.91	2.03	2.03	1.90	1.87	1.97	1.83	1.71
% change 2010-60	187	82	209	216	177	167	189	201	201	189	186	195	181	173
diff 2060 to DELAY pp		-1.06	0.22	0.29	-0.11	-0.21	0.02	0.14	0.14	0.02	-0.01	0.08	-0.06	-0.18

Table A27. Projected public expenditure, The Netherlands, total care, AWG variant 1, alternative unit costs scenarios, Delay disability scenario

		Base GDP per hour worked	GDP per capita	Constant		Base GDP per hour worked	GDP per capita	Constant
€ million	2060	33,412	29,972	15,949	% GDP 2060	2.89	2.59	1.38
	<i>Difference to base</i>		-3,440	-17,462	<i>Difference to base</i>		-0.30	-1.51
	% Change 2010-2060	461	404	168	Percentage point change 2010- 2060	1.89	1.59	0.37
	<i>Difference to base</i>		-58	-293	<i>Difference to base</i>		-0.30	-1.51

b. AWG variant 2**Total (residential care and home care)***Table A28. Projected public expenditure, The Netherlands, total care, AWG variant 2, unit costs evolve in line with GDP per hour worked (€ million)*

	DELAY	CONST	PREV	CHRON	BIOL	SMOK	TREND	noSMOK	noSquit	BMI	LEAN	FAT	DELAY HH	DELAY EDU
2010	10,371	10,361	10,372	10,374	10,368	10,370	10,373	10,370	10,389	10,363	10,363	10,363	10,371	10,095
2015	12,460	12,250	12,503	12,527	12,403	12,431	12,482	12,431	12,572	12,464	12,464	12,464	12,379	11,999
2020	15,038	14,363	15,180	15,246	14,865	14,911	15,073	14,915	15,239	15,074	15,070	15,083	14,878	14,317
2025	18,610	17,170	18,934	19,063	18,251	18,288	18,639	18,314	18,906	18,684	18,658	18,735	18,308	17,499
2030	23,373	20,734	23,983	24,208	22,744	22,718	23,367	22,827	23,806	23,483	23,408	23,632	22,890	21,778
2035	29,242	24,759	30,252	30,610	28,295	28,081	29,172	28,477	29,919	29,391	29,215	29,742	28,623	27,100
2040	34,795	28,031	36,317	36,830	33,511	33,045	34,670	34,308	35,893	34,977	34,655	35,622	34,035	32,109
2045	40,247	30,860	42,385	43,078	38,608	37,947	40,152	40,835	41,916	40,460	40,002	41,376	39,360	37,067
2050	45,923	33,451	48,778	49,690	43,948	43,120	45,957	47,667	48,078	46,169	45,624	47,258	44,926	42,227
2055	50,765	35,047	54,385	55,507	48,579	47,516	50,974	53,105	53,182	51,035	50,450	52,205	49,668	46,834
2060	53,882	35,577	58,304	59,585	51,634	50,331	54,258	56,334	56,345	54,162	53,558	55,370	52,641	49,770
% change 2010-60	420	243	462	474	398	385	423	443	442	423	417	434	408	393

Table A29. Projected public expenditure, The Netherlands, total care, AWG variant 2, unit costs evolve in line with GDP per hour worked (% of GDP)

	DELAY	CONST	PREV	CHRON	BIOL	SMOK	TREND	noSMOK	noSquit	BMI	LEAN	FAT	DELAY HH	DELAY EDU
2010	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.76	1.75	1.75	1.75	1.75	1.71
2015	1.91	1.88	1.92	1.92	1.90	1.91	1.91	1.91	1.93	1.91	1.91	1.91	1.90	1.84
2020	2.15	2.05	2.17	2.18	2.12	2.13	2.15	2.13	2.18	2.15	2.15	2.15	2.12	2.04
2025	2.51	2.32	2.56	2.57	2.46	2.47	2.52	2.47	2.55	2.52	2.52	2.53	2.47	2.36
2030	2.99	2.65	3.07	3.10	2.91	2.91	2.99	2.92	3.05	3.01	3.00	3.03	2.93	2.79
2035	3.54	3.00	3.66	3.71	3.43	3.40	3.53	3.45	3.62	3.56	3.54	3.60	3.46	3.28
2040	3.95	3.18	4.12	4.18	3.80	3.75	3.93	3.89	4.07	3.97	3.93	4.04	3.86	3.64
2045	4.26	3.27	4.49	4.56	4.09	4.02	4.25	4.33	4.44	4.29	4.24	4.38	4.17	3.93
2050	4.54	3.30	4.82	4.91	4.34	4.26	4.54	4.71	4.75	4.56	4.51	4.67	4.44	4.17
2055	4.69	3.24	5.03	5.13	4.49	4.39	4.71	4.91	4.91	4.72	4.66	4.82	4.59	4.33
2060	4.67	3.08	5.05	5.16	4.47	4.36	4.70	4.88	4.88	4.69	4.64	4.79	4.56	4.31
pp change 2010-60	2.91	1.33	3.29	3.41	2.72	2.60	2.94	3.12	3.12	2.94	2.88	3.04	2.80	2.60
% change 2010-60	166	76	188	194	155	149	168	178	178	168	165	174	160	152
diff 2060 to DELAY pp		-1.58	0.38	0.49	-0.19	-0.31	0.03	0.21	0.21	0.03	-0.03	0.13	-0.11	-0.31

Table A30. Projected public expenditure, The Netherlands, total care, AWG variant 2, alternative unit costs scenarios, Delay disability scenario

		Base GDP per hour worked	GDP per capita	Constant		Base GDP per hour worked	GDP per capita	Constant
€ million	2060	53,882	48,335	25,721 % GDP	2060	4.67	4.18	2.23
	<i>Difference to base</i>		-5,547	-28,161	<i>Difference to base</i>		-0.48	-2.44
	% Change 2010-2060	420	366	148	Percentage point change 2010- 2060	2.91	2.43	0.47
	<i>Difference to base</i>		-53	-272	<i>Difference to base</i>		-0.48	-2.44

c. SHA

Residential care

Table A31. Projected public expenditure, The Netherlands, residential care, SHA, unit costs evolve in line with GDP per hour worked (€ million)

	DELAY	CONST	PREV	CHRON	BIOL	SMOK	TREND	noSMOK	noSquit	BMI	LEAN	FAT	DELAY HH
2010	7,883	7,873	7,884	7,885	7,881	7,883	7,883	7,883	7,899	7,876	7,876	7,876	7,883
2015	9,544	9,331	9,573	9,595	9,504	9,521	9,558	9,521	9,648	9,544	9,544	9,544	9,512
2020	11,516	10,825	11,611	11,671	11,394	11,405	11,540	11,406	11,705	11,547	11,546	11,548	11,443
2025	14,239	12,768	14,457	14,573	13,982	13,940	14,251	13,947	14,508	14,305	14,298	14,317	14,118
2030	18,243	15,541	18,664	18,867	17,786	17,611	18,213	17,648	18,620	18,345	18,314	18,405	18,080
2035	24,003	19,303	24,746	25,085	23,267	22,813	23,890	23,006	24,582	24,148	24,059	24,326	23,779
2040	29,306	22,135	30,466	30,960	28,286	27,444	29,101	28,439	30,298	29,488	29,279	29,906	29,100
2045	34,871	24,838	36,567	37,244	33,532	32,369	34,671	35,222	36,512	35,088	34,714	35,836	34,673
2050	40,930	27,515	43,296	44,209	39,252	37,847	40,860	42,636	43,139	41,185	40,697	42,162	40,757
2055	46,277	29,213	49,385	50,540	44,359	42,672	46,402	48,716	48,812	46,563	46,012	47,667	46,157
2060	49,523	29,421	53,384	54,727	47,523	45,539	49,836	52,125	52,139	49,824	49,238	50,994	49,483
% change 2010-60	528	274	577	594	503	478	532	561	560	533	525	547	528

Table A32. Projected public expenditure, The Netherlands, residential care, SHA, unit costs evolve in line with GDP per hour worked (% of GDP)

	DELAY	CONST	PREV	CHRON	BIOL	SMOK	TREND	noSMOK	noSquit	BMI	LEAN	FAT	DELAY HH
2010	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.34	1.33	1.33	1.33	1.33
2015	1.46	1.43	1.47	1.47	1.46	1.46	1.47	1.46	1.48	1.46	1.46	1.46	1.46
2020	1.64	1.55	1.66	1.67	1.63	1.63	1.65	1.63	1.67	1.65	1.65	1.65	1.63
2025	1.92	1.72	1.95	1.97	1.89	1.88	1.92	1.88	1.96	1.93	1.93	1.93	1.91
2030	2.34	1.99	2.39	2.42	2.28	2.25	2.33	2.26	2.38	2.35	2.34	2.36	2.31
2035	2.91	2.34	3.00	3.04	2.82	2.76	2.89	2.78	2.98	2.92	2.91	2.94	2.88
2040	3.32	2.51	3.46	3.51	3.21	3.11	3.30	3.23	3.44	3.35	3.32	3.39	3.30
2045	3.69	2.63	3.87	3.95	3.55	3.43	3.67	3.73	3.87	3.72	3.68	3.80	3.67
2050	4.04	2.72	4.28	4.37	3.88	3.74	4.04	4.21	4.26	4.07	4.02	4.17	4.03
2055	4.28	2.70	4.56	4.67	4.10	3.94	4.29	4.50	4.51	4.30	4.25	4.40	4.27
2060	4.29	2.55	4.62	4.74	4.11	3.94	4.31	4.51	4.51	4.31	4.26	4.42	4.28
pp change 2010-60	2.96	1.22	3.29	3.41	2.78	2.61	2.98	3.18	3.18	2.98	2.93	3.08	2.95
% change 2010-60	222	91	247	255	209	196	224	239	238	224	220	232	221
diff 2060 to DELAY pp		-1.74	0.33	0.45	-0.17	-0.34	0.03	0.23	0.22	0.03	-0.02	0.13	0.00

Table A33. Projected public expenditure, The Netherlands, residential care, SHA, alternative unit costs scenarios, Delay disability scenario

		Base GDP per hour worked	GDP per capita	Constant % GDP		Base GDP per hour worked	GDP per capita	Constant
€ million	2060	49,523	44,424	23,640	2060	4.29	3.85	2.05
	<i>Difference to base</i>		-5,099	-25,883	<i>Difference to base</i>		-0.44	-2.24
	% Change 2010-2060	528	464	200	Percentage point change 2010-2060	2.96	2.51	0.71
	<i>Difference to base</i>		-65	-328	<i>Difference to base</i>		-0.44	-2.24

Home care

Table A34. Projected public expenditure, The Netherlands, home care, SHA, unit costs evolve in line with GDP per hour worked (€ million)

	DELAY	CONST	PREV	CHRON	BIOL	SMOK	TREND	noSMOK	noSquit	BMI	LEAN	FAT	DELAY HH	DELAY EDU
2010	2,747	2,745	2,747	2,748	2,746	2,746	2,748	2,746	2,751	2,745	2,745	2,745	2,747	2,621
2015	3,335	3,293	3,348	3,354	3,318	3,328	3,342	3,328	3,362	3,337	3,337	3,337	3,322	3,125
2020	4,101	3,966	4,146	4,161	4,050	4,073	4,115	4,074	4,150	4,111	4,110	4,114	4,068	3,769
2025	5,058	4,765	5,158	5,188	4,954	4,988	5,073	4,999	5,133	5,078	5,068	5,097	4,971	4,551
2030	6,227	5,688	6,410	6,463	6,050	6,089	6,239	6,135	6,344	6,255	6,225	6,316	6,070	5,508
2035	7,559	6,654	7,851	7,933	7,305	7,328	7,566	7,461	7,741	7,597	7,535	7,721	7,354	6,590
2040	8,816	7,465	9,244	9,358	8,480	8,480	8,823	8,809	9,094	8,861	8,764	9,056	8,541	7,598
2045	9,930	8,069	10,510	10,662	9,516	9,500	9,955	10,140	10,324	9,982	9,863	10,220	9,594	8,492
2050	10,897	8,454	11,628	11,822	10,427	10,384	10,958	11,317	11,381	10,956	10,828	11,213	10,514	9,246
2055	11,727	8,702	12,622	12,852	11,231	11,144	11,831	12,244	12,255	11,792	11,662	12,052	11,290	9,973
2060	12,418	8,943	13,506	13,765	11,915	11,788	12,561	12,952	12,953	12,485	12,354	12,748	11,899	10,572
% change 2010-60	352	226	392	401	334	329	357	372	371	355	350	364	333	303

Table A35. Projected public expenditure, The Netherlands, home care, SHA, unit costs evolve in line with GDP per hour worked (% of GDP)

	DELAY	CONST	PREV	CHRON	BIOL	SMOK	TREND	noSMOK	noSquit	BMI	LEAN	FAT	DELAY HH	DELAY EDU
2010	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.47	0.46	0.46	0.46	0.46	0.44
2015	0.51	0.50	0.51	0.51	0.51	0.51	0.51	0.51	0.52	0.51	0.51	0.51	0.51	0.48
2020	0.59	0.57	0.59	0.59	0.58	0.58	0.59	0.58	0.59	0.59	0.59	0.59	0.58	0.54
2025	0.68	0.64	0.70	0.70	0.67	0.67	0.68	0.67	0.69	0.69	0.68	0.69	0.67	0.61
2030	0.80	0.73	0.82	0.83	0.77	0.78	0.80	0.79	0.81	0.80	0.80	0.81	0.78	0.71
2035	0.92	0.81	0.95	0.96	0.88	0.89	0.92	0.90	0.94	0.92	0.91	0.93	0.89	0.80
2040	1.00	0.85	1.05	1.06	0.96	0.96	1.00	1.00	1.03	1.01	0.99	1.03	0.97	0.86
2045	1.05	0.85	1.11	1.13	1.01	1.01	1.05	1.07	1.09	1.06	1.04	1.08	1.02	0.90
2050	1.08	0.84	1.15	1.17	1.03	1.03	1.08	1.12	1.12	1.08	1.07	1.11	1.04	0.91
2055	1.08	0.80	1.17	1.19	1.04	1.03	1.09	1.13	1.13	1.09	1.08	1.11	1.04	0.92
2060	1.08	0.77	1.17	1.19	1.03	1.02	1.09	1.12	1.12	1.08	1.07	1.10	1.03	0.92
pp change 2010-60	0.61	0.31	0.70	0.73	0.57	0.56	0.62	0.66	0.66	0.62	0.61	0.64	0.57	0.47
% change 2010-60	132	67	152	157	122	120	134	142	141	133	130	138	122	107
diff 2060 to DELAY pp		-0.30	0.09	0.12	-0.04	-0.05	0.01	0.05	0.05	0.01	-0.01	0.03	-0.04	-0.14

Table A36. Projected public expenditure, The Netherlands, home care, SHA, alternative unit costs scenarios, Delay disability scenario

€ million	2060	Base GDP per hour worked	GDP per capita	Constant 5,928 % GDP	2060	Base GDP per hour worked	GDP per capita	Constant
		12,418	11,139			1.08	0.96	0.51
	<i>Difference to base</i>		-1,279	-6,490	<i>Difference to base</i>		-0.11	-0.56
	% Change 2010-2060	352	306	116	Percentage point change 2010- 2060	0.61	0.50	0.05
	<i>Difference to base</i>		-47	-236	<i>Difference to base</i>		-0.11	-0.56

B. Private expenditure

Total (residential care and home care)

Table A37. Projected private expenditure, The Netherlands, total care, unit costs evolve in line with GDP per hour worked (€ million)

	DELAY	CONST	PREV	CHRON	BIOL	SMOK	TREND	noSMOK	noSquit	BMI	LEAN	FAT	DELAY HH
2010	1,287	1,286	1,287	1,287	1,287	1,287	1,287	1,287	1,289	1,286	1,286	1,286	1,287
2015	1,546	1,520	1,551	1,554	1,538	1,542	1,549	1,542	1,560	1,546	1,546	1,546	1,540
2020	1,887	1,805	1,906	1,914	1,865	1,872	1,892	1,872	1,913	1,892	1,891	1,893	1,873
2025	2,329	2,154	2,371	2,387	2,284	2,291	2,334	2,294	2,368	2,339	2,336	2,345	2,297
2030	2,912	2,590	2,990	3,018	2,833	2,833	2,913	2,849	2,969	2,926	2,916	2,948	2,857
2035	3,650	3,100	3,780	3,824	3,532	3,510	3,645	3,560	3,738	3,670	3,646	3,716	3,577
2040	4,338	3,507	4,532	4,596	4,179	4,127	4,327	4,282	4,479	4,362	4,322	4,444	4,246
2045	5,001	3,848	5,272	5,358	4,800	4,723	4,996	5,083	5,216	5,030	4,973	5,144	4,893
2050	5,681	4,144	6,039	6,151	5,442	5,342	5,694	5,908	5,958	5,714	5,647	5,849	5,560
2055	6,284	4,342	6,737	6,875	6,020	5,890	6,322	6,586	6,595	6,320	6,248	6,464	6,150
2060	6,686	4,425	7,242	7,401	6,416	6,255	6,747	7,003	7,005	6,725	6,650	6,874	6,534
% change 2010-60	420	244	463	475	399	386	424	444	443	423	417	434	408

Table A38. Projected private expenditure, The Netherlands, total care, unit costs evolve in line with GDP per hour worked (% of GDP)

	DELAY	CONST	PREV	CHRON	BIOL	SMOK	TREND	noSMOK	noSquit	BMI	LEAN	FAT	DELAY HH
2010	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22
2015	0.24	0.23	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
2020	0.27	0.26	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
2025	0.31	0.29	0.32	0.32	0.31	0.31	0.32	0.31	0.32	0.32	0.32	0.32	0.31
2030	0.37	0.33	0.38	0.39	0.36	0.36	0.37	0.36	0.38	0.37	0.37	0.38	0.37
2035	0.44	0.38	0.46	0.46	0.43	0.42	0.44	0.43	0.45	0.44	0.44	0.45	0.43
2040	0.49	0.40	0.51	0.52	0.47	0.47	0.49	0.49	0.51	0.49	0.49	0.50	0.48
2045	0.53	0.41	0.56	0.57	0.51	0.50	0.53	0.54	0.55	0.53	0.53	0.54	0.52
2050	0.56	0.41	0.60	0.61	0.54	0.53	0.56	0.58	0.59	0.56	0.56	0.58	0.55
2055	0.58	0.40	0.62	0.64	0.56	0.54	0.58	0.61	0.61	0.58	0.58	0.60	0.57
2060	0.58	0.38	0.63	0.64	0.56	0.54	0.58	0.61	0.61	0.58	0.58	0.60	0.57
pp change 2010-60	0.36	0.17	0.41	0.42	0.34	0.32	0.37	0.39	0.39	0.36	0.36	0.38	0.35
% change 2010-60	166	76	188	194	155	149	168	179	178	168	165	174	160
diff 2060 to DELAY pp		-0.20	0.05	0.06	-0.02	-0.04	0.01	0.03	0.03	0.00	0.00	0.02	-0.01

Table A39. Projected private expenditure, The Netherlands, total care, alternative unit costs scenarios, Delay disability scenario

		Base GDP per hour worked	GDP per capita	Constant GDP		Base GDP per hour worked	GDP per capita	Constant
€ million	2060	6,686	5,998	3,192	% GDP 2060	0.58	0.52	0.28
	<i>Difference to base</i>		-688	-3,495	<i>Difference to base</i>		-0.06	-0.30
	% Change 2010-2060	420	366	148	Percentage point change 2010-2060	0.36	0.30	0.06
	<i>Difference to base</i>		-53	-272	<i>Difference to base</i>		-0.06	-0.30

Spain

A. Public expenditure

a. AWG Variant 2

Residential care

Table A40. Projected public expenditure, Spain, residential care, AWG variant 2, unit costs evolve in line with GDP per hour worked (€ million)

	DELAY	CONST	PREV	CHRON	BIOL	SMOK	TREND	noSMOK	noSquit	BMI	LEAN	FAT	DELAY EDU
2010	3,542	3,539	3,543	3,543	3,542	3,542	3,543	3,542	3,544	3,540	3,540	3,540	3,542
2015	4,125	4,060	4,129	4,131	4,120	4,123	4,128	4,123	4,135	4,122	4,122	4,122	4,144
2020	4,590	4,390	4,600	4,605	4,576	4,579	4,593	4,580	4,608	4,589	4,589	4,589	4,636
2025	5,213	4,821	5,233	5,241	5,188	5,179	5,211	5,187	5,238	5,215	5,214	5,217	5,300
2030	6,253	5,597	6,288	6,300	6,212	6,172	6,238	6,198	6,286	6,258	6,253	6,267	6,400
2035	7,676	6,647	7,735	7,753	7,611	7,509	7,635	7,584	7,725	7,682	7,668	7,711	7,900
2040	9,497	7,953	9,593	9,619	9,401	9,203	9,422	9,416	9,586	9,504	9,472	9,569	9,814
2045	11,792	9,537	11,941	11,980	11,654	11,350	11,693	11,826	11,950	11,801	11,748	11,909	12,204
2050	14,346	11,142	14,567	14,624	14,160	13,754	14,244	14,521	14,574	14,357	14,287	14,499	14,837
2055	16,941	12,568	17,252	17,331	16,710	16,205	16,858	17,214	17,226	16,956	16,871	17,126	17,506
2060	19,314	13,640	19,725	19,826	19,045	18,442	19,263	19,639	19,641	19,333	19,235	19,529	19,929
% change 2010-60	445	285	457	460	438	421	444	454	454	446	443	452	463

Table A41. Projected public expenditure, Spain, residential care, AWG variant 2, unit costs evolve in line with GDP per hour worked (% of GDP)

	DELAY	CONST	PREV	CHRON	BIOL	SMOK	TREND	noSMOK	noSquit	BMI	LEAN	FAT	DELAY EDU
2010	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33
2015	0.35	0.35	0.35	0.36	0.35	0.35	0.35	0.35	0.36	0.35	0.35	0.35	0.36
2020	0.36	0.34	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36
2025	0.36	0.33	0.36	0.36	0.36	0.35	0.36	0.36	0.36	0.36	0.36	0.36	0.36
2030	0.38	0.34	0.38	0.38	0.37	0.37	0.38	0.37	0.38	0.38	0.38	0.38	0.39
2035	0.43	0.37	0.43	0.43	0.42	0.42	0.42	0.42	0.43	0.43	0.43	0.43	0.44
2040	0.49	0.41	0.50	0.50	0.49	0.48	0.49	0.49	0.50	0.49	0.49	0.50	0.51
2045	0.58	0.47	0.59	0.59	0.58	0.56	0.58	0.58	0.59	0.58	0.58	0.59	0.60
2050	0.67	0.52	0.68	0.68	0.66	0.64	0.67	0.68	0.68	0.67	0.67	0.68	0.69
2055	0.74	0.55	0.75	0.76	0.73	0.71	0.74	0.75	0.75	0.74	0.74	0.75	0.76
2060	0.78	0.55	0.80	0.80	0.77	0.75	0.78	0.79	0.79	0.78	0.78	0.79	0.81
pp change 2010-60	0.45	0.22	0.46	0.47	0.44	0.41	0.45	0.46	0.46	0.45	0.45	0.46	0.47
% change 2010-60	134	66	139	141	131	124	134	138	138	135	134	137	142
diff 2060 to DELAY pp		-0.23	0.02	0.02	-0.01	-0.04	0.00	0.01	0.01	0.00	0.00	0.01	0.02

Table A42. Projected public expenditure, Spain, residential care, AWG variant 2, alternative unit costs scenarios, Delay disability scenario

		Base GDP per hour worked	GDP per capita	Constant		Base GDP per hour worked	GDP per capita	Constant
€ million	2060	19,314	19,790	9,736% GDP	2060	0.78	0.80	0.39
	<i>Difference to base</i>		476	-9,578	<i>Difference to base</i>		0.02	-0.39
	% Change 2010-2060	445	459	175	Percentage point change 2010- 2060	0.45	0.47	0.06
	<i>Difference to base</i>		13	-270	<i>Difference to base</i>		0.02	-0.39

Home care

Table A43. Projected public expenditure, Spain, home care, AWG variant 2, unit costs evolve in line with GDP per hour worked (€ million)

	DELAY	CONST	PREV	CHRON	BIOL	SMOK	TREND	noSMOK	noSquit	BMI	LEAN	FAT	DELAY EDU
2010	1,548	1,547	1,548	1,548	1,547	1,548	1,548	1,548	1,550	1,545	1,545	1,545	1,548
2015	1,800	1,776	1,807	1,812	1,790	1,800	1,804	1,800	1,812	1,795	1,795	1,795	1,776
2020	1,999	1,924	2,021	2,034	1,972	1,994	2,008	1,995	2,020	1,995	1,993	1,997	1,933
2025	2,270	2,121	2,316	2,338	2,215	2,253	2,280	2,255	2,297	2,267	2,260	2,281	2,137
2030	2,705	2,459	2,790	2,826	2,608	2,663	2,712	2,672	2,739	2,704	2,684	2,744	2,485
2035	3,300	2,920	3,445	3,501	3,142	3,213	3,299	3,250	3,345	3,300	3,257	3,387	2,962
2040	4,069	3,504	4,303	4,388	3,832	3,919	4,057	4,031	4,138	4,071	3,989	4,235	3,578
2045	5,027	4,211	5,389	5,516	4,687	4,802	5,010	5,057	5,135	5,030	4,898	5,295	4,362
2050	6,101	4,945	6,637	6,819	5,644	5,799	6,090	6,218	6,252	6,105	5,930	6,457	5,257
2055	7,196	5,614	7,949	8,198	6,630	6,819	7,203	7,376	7,384	7,202	6,992	7,623	6,185
2060	8,162	6,106	9,162	9,484	7,511	7,713	8,194	8,376	8,377	8,169	7,930	8,648	7,030
% change 2010-60	427	295	492	513	385	398	429	441	441	429	413	460	354

Table A44. Projected public expenditure, Spain, home care, AWG variant 2, unit costs evolve in line with GDP per hour worked (% of GDP)

	DELAY	CONST	PREV	CHRON	BIOL	SMOK	TREND	noSMOK	noSquit	BMI	LEAN	FAT	DELAY	EDU
2010	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
2015	0.15	0.15	0.16	0.16	0.15	0.15	0.16	0.15	0.16	0.15	0.15	0.15	0.15	0.15
2020	0.16	0.15	0.16	0.16	0.15	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.15
2025	0.16	0.15	0.16	0.16	0.15	0.15	0.16	0.15	0.16	0.16	0.16	0.15	0.16	0.15
2030	0.16	0.15	0.17	0.17	0.16	0.16	0.16	0.16	0.17	0.16	0.16	0.17	0.17	0.15
2035	0.18	0.16	0.19	0.19	0.17	0.18	0.18	0.18	0.19	0.18	0.18	0.19	0.19	0.16
2040	0.21	0.18	0.22	0.23	0.20	0.20	0.21	0.21	0.22	0.21	0.21	0.22	0.22	0.19
2045	0.25	0.21	0.27	0.27	0.23	0.24	0.25	0.25	0.25	0.25	0.24	0.26	0.26	0.22
2050	0.29	0.23	0.31	0.32	0.26	0.27	0.28	0.29	0.29	0.29	0.28	0.30	0.30	0.25
2055	0.31	0.25	0.35	0.36	0.29	0.30	0.31	0.32	0.32	0.31	0.31	0.33	0.33	0.27
2060	0.33	0.25	0.37	0.38	0.30	0.31	0.33	0.34	0.34	0.33	0.32	0.35	0.35	0.28
pp change 2010-60	0.18	0.10	0.23	0.24	0.16	0.17	0.19	0.19	0.19	0.19	0.18	0.20	0.20	0.14
% change 2010-60	127	70	155	163	109	114	128	133	133	127	121	141	141	95
diff 2060 to DELAY pp		-0.08	0.04	0.05	-0.03	-0.02	0.00	0.01	0.01	0.00	-0.01	0.02	0.02	-0.05

Table A45. Projected public expenditure, Spain, home care, AWG variant 2, alternative unit costs scenarios, Delay disability scenario

		Base GDP per hour worked	GDP per capita	Constant % GDP		Base GDP per hour worked	GDP per capita	Constant
€ million	2060	8,162	8,363	4,114	2060	0.33	0.34	0.17
	<i>Difference to base</i>		201	-4,047	<i>Difference to base</i>		0.01	-0.16
	% Change 2010-2060	427	440	166	Percentage point change 2010- 2060	0.18	0.19	0.02
	<i>Difference to base</i>		13	-262	<i>Difference to base</i>		0.01	-0.16

b. SHA

Residential care

Table A46. Projected public expenditure, Spain, residential care, SHA, unit costs evolve in line with GDP per hour worked (€ million)

	DELAY	CONST	PREV	CHRON	BIOL	SMOK	TREND	noSMOK	noSquit	BMI	LEAN	FAT	DELAY	EDU
2010	2,685	2,682	2,685	2,685	2,684	2,685	2,685	2,685	2,686	2,684	2,684	2,684	2,685	2,685
2015	3,118	3,073	3,121	3,122	3,115	3,116	3,122	3,116	3,130	3,117	3,117	3,117	3,110	3,110
2020	3,441	3,305	3,448	3,451	3,432	3,429	3,447	3,432	3,463	3,442	3,442	3,442	3,425	3,425
2025	3,962	3,692	3,975	3,981	3,946	3,929	3,966	3,944	3,997	3,965	3,965	3,966	3,934	3,934
2030	4,823	4,361	4,845	4,854	4,796	4,749	4,819	4,788	4,873	4,827	4,825	4,831	4,779	4,779
2035	5,922	5,193	5,960	5,973	5,880	5,783	5,905	5,887	6,002	5,927	5,919	5,944	5,862	5,862
2040	7,361	6,259	7,423	7,442	7,299	7,137	7,335	7,379	7,494	7,368	7,349	7,406	7,280	7,280
2045	9,099	7,489	9,195	9,225	9,010	8,778	9,076	9,213	9,294	9,108	9,078	9,168	8,980	8,980
2050	10,880	8,614	11,022	11,065	10,760	10,460	10,874	11,100	11,134	10,891	10,852	10,967	10,710	10,710
2055	12,604	9,552	12,805	12,862	12,456	12,090	12,629	12,899	12,907	12,618	12,572	12,709	12,407	12,407
2060	14,102	10,204	14,368	14,441	13,932	13,499	14,164	14,438	14,440	14,119	14,065	14,225	13,867	13,867
% change 2010-60	425	280	435	438	419	403	428	438	438	426	424	430	417	417

Table A47. Projected public expenditure, Spain, residential care, SHA, unit costs evolve in line with GDP per hour worked (% of GDP)

	DELAY	CONST	PREV	CHRON	BIOL	SMOK	TREND	noSMOK	noSquit	BMI	LEAN	FAT	DELAY	EDU
2010	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
2015	0.27	0.26	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
2020	0.27	0.26	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
2025	0.27	0.25	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
2030	0.29	0.26	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29
2035	0.33	0.29	0.33	0.33	0.33	0.32	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33
2040	0.38	0.33	0.39	0.39	0.38	0.37	0.38	0.38	0.39	0.38	0.38	0.39	0.38	0.38
2045	0.45	0.37	0.45	0.46	0.45	0.43	0.45	0.46	0.46	0.45	0.45	0.45	0.44	0.44
2050	0.51	0.40	0.51	0.52	0.50	0.49	0.51	0.52	0.52	0.51	0.51	0.51	0.50	0.50
2055	0.55	0.42	0.56	0.56	0.54	0.53	0.55	0.56	0.56	0.55	0.55	0.55	0.54	0.54
2060	0.57	0.41	0.58	0.58	0.56	0.55	0.57	0.58	0.58	0.57	0.57	0.58	0.56	0.56
pp change 2010-60	0.32	0.16	0.33	0.33	0.31	0.29	0.32	0.33	0.33	0.32	0.32	0.32	0.31	0.31
% change 2010-60	126	64	130	131	123	116	127	131	131	126	125	128	122	122
diff 2060 to DELAY pp		-0.16	0.01	0.01	-0.01	-0.02	0.00	0.01	0.01	0.00	0.00	0.01	-0.01	-0.01

Table A48. Projected public expenditure, Spain, residential care, SHA, alternative unit costs scenarios, Delay disability scenario

		Base GDP per hour worked	GDP per capita	Constant		Base GDP per hour worked	GDP per capita	Constant
€ million	2060	14,102	14,307	7,039% GDP	2060	0.57	0.58	0.28
	<i>Difference to base</i>		205	-7,064	<i>Difference to base</i>		0.01	-0.29
	% Change 2010-2060	425	433	162	Percentage point change 2010-2060	0.32	0.33	0.03
	<i>Difference to base</i>		8	-263	<i>Difference to base</i>		0.01	-0.29

Home care

Table A49. Projected public expenditure, Spain, home care, SHA, unit costs evolve in line with GDP per hour worked (€ million)

	DELAY	CONST	PREV	CHRON	BIOL	SMOK	TREND	noSMOK	noSquit	BMI	LEAN	FAT	DELAY EDU
2010	1,170	1,169	1,170	1,170	1,170	1,170	1,170	1,170	1,171	1,168	1,168	1,168	1,170
2015	1,370	1,354	1,376	1,379	1,362	1,369	1,373	1,369	1,378	1,366	1,366	1,366	1,358
2020	1,516	1,466	1,534	1,542	1,494	1,512	1,522	1,512	1,530	1,513	1,511	1,516	1,482
2025	1,724	1,627	1,761	1,777	1,679	1,711	1,731	1,714	1,743	1,722	1,714	1,739	1,654
2030	2,075	1,913	2,142	2,168	1,994	2,044	2,080	2,053	2,097	2,074	2,054	2,113	1,956
2035	2,515	2,268	2,629	2,670	2,385	2,455	2,515	2,484	2,546	2,515	2,478	2,588	2,334
2040	3,088	2,721	3,269	3,331	2,893	2,987	3,082	3,074	3,137	3,089	3,023	3,221	2,821
2045	3,785	3,255	4,062	4,154	3,508	3,637	3,776	3,810	3,856	3,786	3,686	3,987	3,417
2050	4,513	3,766	4,915	5,045	4,148	4,317	4,507	4,589	4,609	4,514	4,385	4,773	4,045
2055	5,219	4,198	5,770	5,945	4,773	4,976	5,223	5,331	5,335	5,220	5,069	5,524	4,652
2060	5,854	4,532	6,576	6,801	5,342	5,568	5,872	5,985	5,986	5,857	5,686	6,198	5,210
% change 2010-60	400	288	462	481	357	376	402	412	411	401	387	431	345

Table A50. Projected public expenditure, Spain, home care, SHA, unit costs evolve in line with GDP per hour worked (% of GDP)

	DELAY	CONST	PREV	CHRON	BIOL	SMOK	TREND	noSMOK	noSquit	BMI	LEAN	FAT	DELAY	EDU
2010	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
2015	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
2020	0.12	0.11	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
2025	0.12	0.11	0.12	0.12	0.11	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.11
2030	0.13	0.12	0.13	0.13	0.12	0.12	0.13	0.12	0.13	0.13	0.12	0.13	0.12	0.12
2035	0.14	0.13	0.15	0.15	0.13	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.13
2040	0.16	0.14	0.17	0.17	0.15	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.17	0.15
2045	0.19	0.16	0.20	0.21	0.17	0.18	0.19	0.19	0.19	0.19	0.18	0.20	0.17	0.17
2050	0.21	0.18	0.23	0.24	0.19	0.20	0.21	0.21	0.22	0.21	0.20	0.22	0.19	0.19
2055	0.23	0.18	0.25	0.26	0.21	0.22	0.23	0.23	0.23	0.23	0.22	0.24	0.20	0.20
2060	0.24	0.18	0.27	0.28	0.22	0.23	0.24	0.24	0.24	0.24	0.23	0.25	0.21	0.21
pp change 2010-60	0.13	0.07	0.16	0.17	0.11	0.12	0.13	0.13	0.13	0.13	0.12	0.14	0.10	0.10
% change 2010-60	115	67	142	150	96	105	116	120	120	116	109	128	92	92
diff 2060 to DELAY pp		-0.05	0.03	0.04	-0.02	-0.01	0.00	0.01	0.01	0.00	-0.01	0.01	-0.03	-0.03

Table A51. Projected public expenditure, Spain, home care, SHA, alternative unit costs scenarios, Delay disability scenario

		Base GDP per hour worked	GDP per capita	Constant % GDP		Base GDP per hour worked	GDP per capita	Constant
€ million	2060	5,854	5,939	2,922	% GDP 2060	0.24	0.24	0.12
	<i>Difference to base</i>		85	-2,932	<i>Difference to base</i>		0.00	-0.12
	% Change 2010-2060	400	408	150	Percentage point change 2010-2060	0.13	0.13	0.01
	<i>Difference to base</i>		7	-251	<i>Difference to base</i>		0.00	-0.12

B. Private expenditure

Residential care

Table A52. Projected private expenditure, Spain, residential care, SHA, unit costs evolve in line with GDP per hour worked (€ million)

	DELAY	CONST	PREV	CHRON	BIOL	SMOK	TREND	noSMOK	noSquit	BMI	LEAN	FAT	DELAY EDU
2010	1,491	1,490	1,491	1,492	1,491	1,491	1,492	1,491	1,492	1,491	1,491	1,491	1,491
2015	1,732	1,707	1,734	1,735	1,730	1,731	1,734	1,731	1,739	1,732	1,732	1,732	1,728
2020	1,912	1,836	1,915	1,917	1,907	1,905	1,915	1,907	1,924	1,912	1,912	1,912	1,903
2025	2,201	2,051	2,208	2,211	2,192	2,183	2,203	2,191	2,220	2,203	2,202	2,203	2,186
2030	2,679	2,422	2,692	2,696	2,664	2,638	2,677	2,660	2,707	2,682	2,680	2,684	2,655
2035	3,290	2,885	3,311	3,318	3,267	3,213	3,280	3,270	3,334	3,293	3,288	3,302	3,257
2040	4,089	3,477	4,124	4,134	4,055	3,965	4,075	4,100	4,163	4,093	4,083	4,114	4,044
2045	5,055	4,160	5,108	5,125	5,005	4,876	5,042	5,118	5,163	5,060	5,043	5,093	4,989
2050	6,044	4,786	6,123	6,147	5,978	5,811	6,041	6,167	6,185	6,050	6,029	6,093	5,950
2055	7,002	5,307	7,113	7,145	6,920	6,716	7,016	7,166	7,170	7,010	6,984	7,060	6,893
2060	7,834	5,668	7,982	8,023	7,740	7,499	7,869	8,021	8,022	7,843	7,814	7,903	7,704
% change 2010-60	425	280	435	438	419	403	428	438	438	426	424	430	417

Table A53. Projected private expenditure, Spain, residential care, SHA, unit costs evolve in line with GDP per hour worked (% of GDP)

	DELAY	CONST	PREV	CHRON	BIOL	SMOK	TREND	noSMOK	noSquit	BMI	LEAN	FAT	DELAY EDU
2010	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
2015	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
2020	0.15	0.14	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
2025	0.15	0.14	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
2030	0.16	0.15	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16
2035	0.18	0.16	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18
2040	0.21	0.18	0.21	0.22	0.21	0.21	0.21	0.21	0.22	0.21	0.21	0.21	0.21
2045	0.25	0.21	0.25	0.25	0.25	0.24	0.25	0.25	0.26	0.25	0.25	0.25	0.25
2050	0.28	0.22	0.29	0.29	0.28	0.27	0.28	0.29	0.29	0.28	0.28	0.28	0.28
2055	0.31	0.23	0.31	0.31	0.30	0.29	0.31	0.31	0.31	0.31	0.30	0.31	0.30
2060	0.32	0.23	0.32	0.32	0.31	0.30	0.32	0.32	0.32	0.32	0.32	0.32	0.31
pp change 2010-60	0.18	0.09	0.18	0.18	0.17	0.16	0.18	0.18	0.18	0.18	0.18	0.18	0.17
% change 2010-60	126	64	130	131	123	116	127	131	131	126	125	128	122
diff 2060 to DELAY pp		-0.09	0.01	0.01	0.00	-0.01	0.00	0.01	0.01	0.00	0.00	0.00	-0.01

Table A54. Projected private expenditure, Spain, residential care, SHA, alternative unit costs scenarios, Delay disability scenario

		Base GDP per hour worked	GDP per capita	Constant		Base GDP per hour worked	GDP per capita	Constant
€ million	2060	7,834	7,948	3,910% GDP	2060	0.32	0.32	0.16
	<i>Difference to base</i>		114	-3,924	<i>Difference to base</i>		0.00	-0.16
	% Change 2010-2060	425	433	162	Percentage point change 2010- 2060	0.18	0.18	0.02
	<i>Difference to base</i>		8	-263	<i>Difference to base</i>		0.00	-0.16

Home care

Table A55. Projected private expenditure, Spain, home care, SHA, unit costs evolve in line with GDP per hour worked (€ million)

	DELAY	CONST	PREV	CHRON	BIOL	SMOK	TREND	noSMOK	noSquit	BMI	LEAN	FAT	DELAY EDU
2010	308	308	308	308	308	308	308	308	309	308	308	308	308
2015	361	357	362	363	359	361	362	361	363	360	360	360	358
2020	400	386	404	406	394	398	401	399	403	399	398	399	390
2025	454	429	464	468	443	451	456	452	459	454	452	458	436
2030	547	504	564	571	525	539	548	541	553	546	541	557	516
2035	663	598	693	703	629	647	663	654	671	663	653	682	615
2040	814	717	862	878	762	787	812	810	827	814	797	849	743
2045	997	858	1,070	1,095	924	958	995	1,004	1,016	998	971	1,051	900
2050	1,189	992	1,295	1,329	1,093	1,137	1,188	1,209	1,215	1,190	1,156	1,258	1,066
2055	1,375	1,106	1,520	1,567	1,258	1,311	1,376	1,405	1,406	1,376	1,336	1,456	1,226
2060	1,543	1,194	1,733	1,792	1,408	1,467	1,547	1,577	1,577	1,543	1,498	1,633	1,373
% change 2010-60	400	288	462	481	357	376	402	412	411	401	387	431	345

Table A56. Projected private expenditure, Spain, home care, SHA, unit costs evolve in line with GDP per hour worked (% of GDP)

	DELAY	CONST	PREV	CHRON	BIOL	SMOK	TREND	noSMOK	noSquit	BMI	LEAN	FAT	DELAY	EDU
2010	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
2015	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
2020	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
2025	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
2030	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
2035	0.04	0.03	0.04	0.04	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03
2040	0.04	0.04	0.04	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
2045	0.05	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.04
2050	0.06	0.05	0.06	0.06	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.05	0.06	0.05
2055	0.06	0.05	0.07	0.07	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.05
2060	0.06	0.05	0.07	0.07	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.06
pp change 2010-60	0.03	0.02	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.03
% change 2010-60	115	67	142	150	96	105	116	120	120	116	109	128		92
diff 2060 to DELAY pp		-0.01	0.01	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00		-0.01

Table A57. Projected private expenditure, Spain, home care, SHA, alternative unit costs scenarios, Delay disability scenario

		Base GDP per hour worked	GDP per capita	Constant		Base GDP per hour worked	GDP per capita	Constant
€ million	2060	1,543	1,565	770% GDP	2060	0.06	0.06	0.03
	<i>Difference to base</i>		22	-773	<i>Difference to base</i>		0.00	-0.03
	% Change 2010-2060	400	408	150	Percentage point change 2010- 2060	0.03	0.03	0.00
	<i>Difference to base</i>		7	-251	<i>Difference to base</i>		0.00	-0.03

Poland

A. Public expenditure, residential care (SHA)

Table A58. Projected public expenditure, Poland, residential care, SHA, unit costs evolve in line with GDP per hour worked (€ million)

	DELAY	CONST	PREV	CHRON	BIOL	SMOK	TREND	noSMOK	noSquit	BMI	LEAN	FAT	DELAY EDU
2010	145	145	145	145	145	145	145	145	145	145	145	145	145
2015	191	190	191	191	191	191	192	191	192	191	191	191	191
2020	244	232	246	248	240	242	246	243	248	244	244	245	244
2025	310	283	313	317	301	304	313	307	316	311	309	315	310
2030	386	337	392	399	370	373	388	381	395	388	384	395	386
2035	477	396	489	498	452	453	479	471	491	481	474	495	477
2040	584	453	601	615	548	544	584	581	604	589	577	613	584
2045	690	503	715	733	644	634	689	699	717	696	680	729	690
2050	789	552	824	846	733	724	791	815	823	797	777	837	789
2055	894	609	943	968	824	824	900	929	930	902	879	948	894
2060	1,015	669	1,083	1,113	927	938	1,026	1,054	1,054	1,024	998	1,077	1,015
% change 2010-60	601	362	649	668	541	548	608	628	627	608	590	644	601

Table A59. Projected public expenditure, Poland, residential care, SHA, unit costs evolve in line with GDP per hour worked (% of GDP)

	DELAY	CONST	PREV	CHRON	BIOL	SMOK	TREND	noSMOK	noSquit	BMI	LEAN	FAT	DELAY EDU
2010	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
2015	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
2020	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
2025	0.06	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
2030	0.07	0.06	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2035	0.08	0.06	0.08	0.08	0.07	0.07	0.08	0.08	0.08	0.08	0.08	0.08	0.08
2040	0.09	0.07	0.09	0.09	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.09
2045	0.10	0.07	0.11	0.11	0.09	0.09	0.10	0.10	0.11	0.10	0.10	0.11	0.10
2050	0.11	0.08	0.12	0.12	0.10	0.10	0.11	0.12	0.12	0.11	0.11	0.12	0.11
2055	0.12	0.08	0.13	0.13	0.11	0.11	0.13	0.13	0.13	0.13	0.12	0.13	0.12
2060	0.14	0.09	0.15	0.15	0.13	0.13	0.14	0.14	0.14	0.14	0.13	0.15	0.14
pp change 2010-60	0.10	0.05	0.11	0.11	0.08	0.09	0.10	0.10	0.10	0.10	0.09	0.10	0.10
% change 2010-60	235	121	258	267	206	210	238	248	248	238	230	256	235
diff 2060 to DELAY pp		-0.05	0.01	0.01	-0.01	-0.01	0.00	0.01	0.01	0.00	0.00	0.01	

Table A60. Projected public expenditure, Poland, residential care, SHA, alternative unit costs scenarios, Delay disability scenario

		Base GDP per hour worked	GDP per capita	Constant		Base GDP per hour worked	GDP per capita	Constant
€ million	2060	1,015	842	365% GDP	2060	0.14	0.11	0.05
	<i>Difference to base</i>		-173	-651	<i>Difference to base</i>		-0.02	-0.09
	% Change 2010-2060	601	482	152	Percentage point change 2010- 2060	0.10	0.07	0.01
	<i>Difference to base</i>		-120	-449	<i>Difference to base</i>		-0.02	-0.09

B. Private expenditure, SHA, residential care

Table A61. Projected private expenditure, Poland, residential care, SHA, unit costs evolve in line with GDP per hour worked (€ million)

	DELAY	CONST	PREV	CHRON	BIOL	SMOK	TREND	noSMOK	noSquit	BMI	LEAN	FAT	DELAY EDU
2010	22	22	22	22	22	22	22	22	22	22	22	22	22
2015	29	28	29	29	29	29	29	29	29	29	29	29	29
2020	37	35	37	37	36	36	37	36	37	37	37	37	37
2025	46	42	47	48	45	46	47	46	47	47	46	47	46
2030	58	51	59	60	55	56	58	57	59	58	58	59	58
2035	72	59	73	75	68	68	72	71	74	72	71	74	72
2040	88	68	90	92	82	82	88	87	91	88	87	92	88
2045	103	75	107	110	97	95	103	105	108	104	102	109	103
2050	118	83	124	127	110	109	119	122	123	120	117	126	118
2055	134	91	141	145	124	124	135	139	140	135	132	142	134
2060	152	100	163	167	139	141	154	158	158	154	150	162	152
% change 2010-60	601	362	649	668	541	548	608	628	627	608	590	644	601

Table A62. Projected private expenditure, Poland, residential care, SHA, unit costs evolve in line with GDP per hour worked (% of GDP)

	DELAY	CONST	PREV	CHRON	BIOL	SMOK	TREND	noSMOK	noSquit	BMI	LEAN	FAT	DELAY	EDU
2010	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
2015	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
2020	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
2025	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
2030	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
2035	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
2040	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
2045	0.02	0.01	0.02	0.02	0.01	0.01	0.02	0.02	0.02	0.02	0.01	0.02	0.02	0.02
2050	0.02	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
2055	0.02	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
2060	0.02	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
pp change 2010-60	0.01	0.01	0.02	0.02	0.01	0.01	0.01	0.02	0.02	0.01	0.01	0.02	0.01	0.01
% change 2010-60	235	121	258	267	206	210	238	248	248	238	230	256	235	235
diff 2060 to DELAY pp		-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Table A63. Projected private expenditure, Poland, residential care, SHA, alternative unit costs scenarios, Delay disability scenario

		Base GDP per hour worked	GDP per capita	Constant 55% GDP		Base GDP per hour worked	GDP per capita	Constant
€ million	2060	152	126	2060	2060	0.02	0.02	0.01
	<i>Difference to base</i>		-26	-98	<i>Difference to base</i>		0.00	-0.01
	% Change 2010-2060	601	482	152	Percentage point change 2010-2060	0.01	0.01	0.00
	<i>Difference to base</i>		-120	-449	<i>Difference to base</i>		0.00	-0.01