

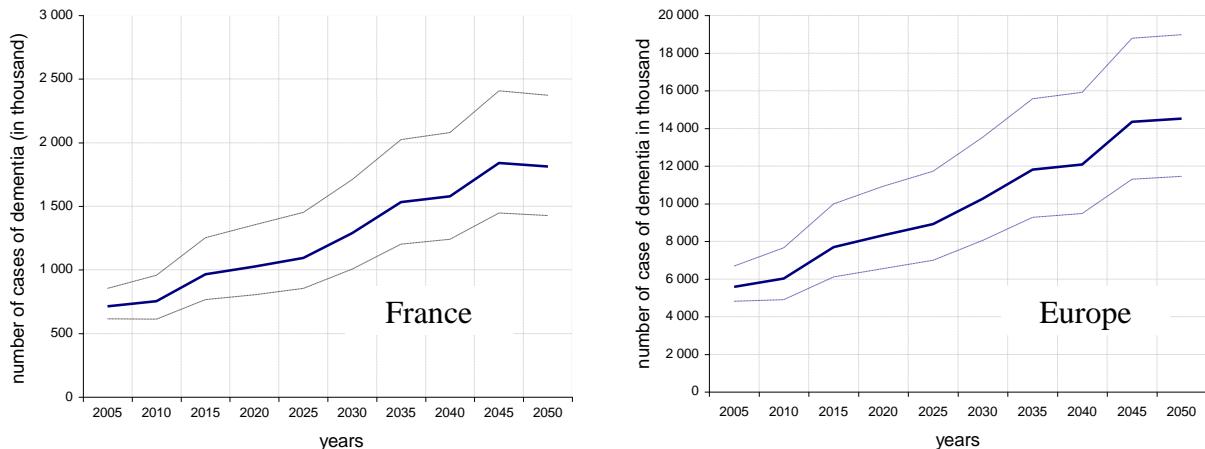
Table 1: projections of number of dementia (in thousand) until 2050: French and European main scenario

	2005	2010	2015	2020	2030	2040	2050
France							
Prevalent case of dementia (in thousands) N [range ^a]	714 [616- 855]	754 [614 - 958]	966 [757-1254]	1 026 [805- 1354]	1 287 [1005- 1709]	1 579 [1239- 2080]	1 813 [1428- 2373]
% of population 65 years old ^b	7,1 %	7,2 %	8,1%	7,6 %	8,0 %	8,7 %	9,6 %
% of total population ^b	1,2%	1,2 %	1,5%	1,5 %	1,9 %	2,2 %	2,5%
Ratio/ active population%		2,8	3,4		4,4		6,2
Annual incidental cases of dementia (in thousands)	138	152	165	174	218	272	298
Prevalent cases of Alzheimer disease (in thousand) N [range ^a]	447 [347- 530]	504 [360- 626]	657 [452- 827]	699 [472- 894]	864 [579- 1117]	1 066 [717- 1362]	1 226 [827- 1552]
27 EU countries							
Prevalent case of dementia N [range ^a]	5 589 [4813 - 6693]	6 027 [4909 - 7654]	7 698 [6116 - 9985]	8 327 [6555 - 10921]	10 261 [8047 - 13528]	12 081 [9485 - 15918]	14 519 [11453 - 18981]
% of population 65 years old ^b		6,95%	8,16%	8,11%	8,44%	8,77%	10,13%
% of total population ^b	1,2 %	1,2%	1,6%	1,7%	2,1%	2,6%	3,3%
Ratio/ population 15 -64 years old		1,81	2,36	2,63	3,48	4,52	6,00
Annual incidental cases of dementia (in thousands)	1 066	1 162	1 264	1 359	1 634	1 987	2 248

^arange: projections built with the 95% confidence interval of the incidence of the dementia provided in the Eurodem Analysis;

^bThese proportions relate to projections of population of the central demographic scenario of INSEE for France (with a constant fecundity of 1,9), and projection made by Eurostat for the 27 EU countries.

Figure 1: evolution of the number of cases of dementia for the principal scenario in France and Europe



Note: The curves represented by a discontinuous line are the range of projection built with the 95% confidence interval for incidence of dementia provided in study EURODEM

Figure 2: Contribution of each classes of age, in the projection of the number of dementia cases in France and Europe until 2050 (principal scenario)

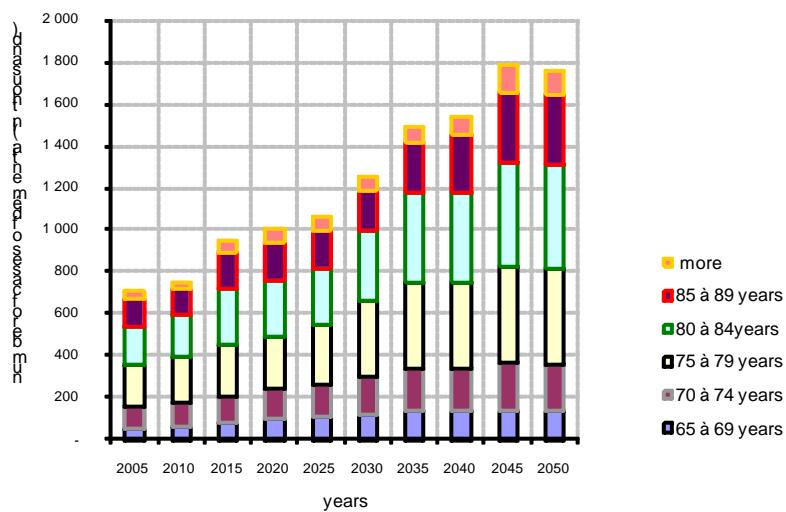


Tableau 2: Forecast of the number of case of dementia until 2050 (in thousand): result of the different proposed scenario

	2005	2010	2015	2020	2030	2040	2050
principal scenario N [range*]	714 [616- 855]	754 [614 - 958]	966 [757-1254]	1 026 [805- 1354]	1 287 [1005- 1709]	1 579 [1239- 2080]	1 813 [1428- 2373]
S1 = PAQUID incidence ** N	749	793	1 020	1 083	1 366	1 668	1 920
S2 = relative risk of mortality =1,8 N [range*]	765 [660-920]	838 [683- 7071]	1 070 [849- 1400]	1 136 [889- 1516]	1 411 [1098- 1895]	1 717 [1343- 2288]	1 928 [1514- 2550]
S3= high increase in life expectancy N [range*]	714 [616- 855]	769 [626- 976]	1 008 [802-1305]	1 104 [867-1450]	1 448 [1132- 1909]	1 876 [1473-2452]	2 353 [1850-3047]
S4= low increase in life expectancy N [range*]	714 [616- 855]	745 [606- 947]	932 [740- 1212]	959 [751- 1270]	1 142 [890- 1523]	1 308 [1024- 1733]	1 411 [1109- 1860]

*range: projections built with the 95% confidence interval of the incidence of the dementia provided in the Eurodem Analysis;

**we did not dispose of the confidence interval of the Incidence value of the study PAQUID, we thus do not have could provide "ranges" for these projections

Figure 3: Forecast of the number of case of dementia until 2050 : result of the different proposed scenario

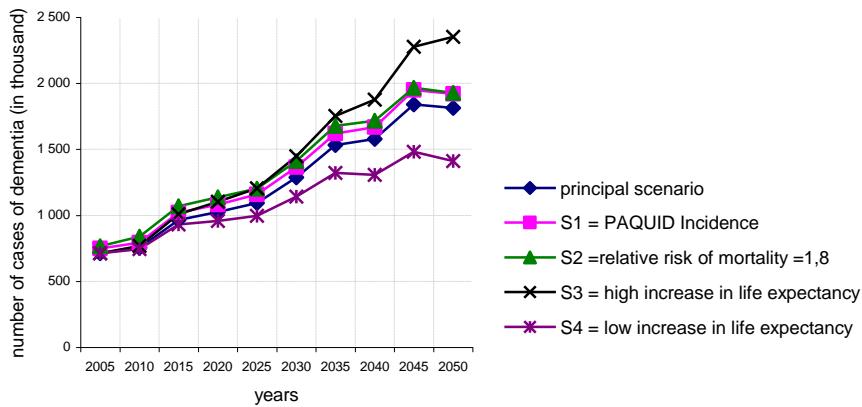


Tableau 3: Impact of an intervention carried out in 2010 involving an immediate reduction in the incidence of dementia and Alzheimer disease

Intervention delaying onset of dementia						
	2010	2015	2020	2030	2040	2050
Without intervention N	754	966	1 026	1 287	1 579	1 813
Onset delaying of 1 year N	754	885	914	1 131	1 397	1 615
%*		8,3	10,9	12,2	11,5	10,9
Onset delaying of 2 year N	754	812	813	987	1 230	1 431
%*		15,9	20,8	23,3	22,1	21,1
Onset delaying of 5 year N	754	635	566	641	812	965
%*		34,2	44,8	50,2	48,6	46,8
Intervention delaying onset of Alzheimer disease						
Impact on the number of Alzheimer disease						
Without intervention N	504	657	699	864	1 066	1 226
Onset delaying of 1 year N	504	600	621	756	940	1 089
%*		8,7	11,2	12,4	11,8	11,2
Onset delaying of 2 years N	504	548	550	659	825	961
%*		16,6	21,4	23,7	22,6	21,6
Onset delaying of 5 years N	504	425	379	426	539	641
%*		35,4	45,8	50,7	49,4	47,7
Impact on the number of Dementia						
Without intervention N	754	966	1 026	1 287	1 579	1 813
Onset delaying of 1 year N	754	908	947	1 180	1 453	1 676
%*		5,9	7,6	8,4	8,0	7,6
Onset delaying of 2 year N	754	856	877	1 082	1 338	1 548
%*		11,3	14,5	15,9	15,3	14,6
Onset delaying of 5 year N	754	733	706	849	1 052	1 228
%*		24,1	31,2	34,0	33,4	32,2

* Proportion of reduction in the number of cases compared to projections of the principal scenario without intervention

Tableau 4: forecast of the economic burden of the dementia

	Total cost (in billion €)	Cost divided by the total population	Cost divided by the active population
2005	16	267 €	591 €
2010	17	277 €	611 €
2015	22	347 €	780 €
2020	23	361 €	
2030	29	438 €	1 043 €
2040	36	523 €	
2050	41	592 €	1 452 €