

TABLE A.1. FRANCE, 1998 REVISION

## FRANCE

Indicator	A. ESTIMATES									
	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995
Population (thousands)										
Total.....	41 829	43 428	45 684	48 758	50 772	52 699	53 880	55 170	56 718	58 020
Males.....	20 105	20 971	22 162	23 737	24 792	25 807	26 312	26 900	27 613	28 279
Females.....	21 723	22 457	23 522	25 021	25 980	26 892	27 568	28 270	29 104	29 741
Sex ratio (per 100 females).....	92.6	93.4	94.2	94.9	95.4	96.0	95.4	95.2	94.9	95.1
Age distribution:										
Percentage aged 0-4.....	9.5	9.0	8.8	8.7	8.3	7.8	6.9	6.9	6.7	6.3
Percentage aged 5-14.....	13.2	15.4	17.6	16.9	16.5	16.1	15.4	14.3	13.6	13.2
Percentage aged 15-24.....	15.2	13.7	12.4	14.5	16.4	16.1	15.8	15.5	15.0	14.0
Percentage aged 60 or over.....	16.2	16.3	16.8	17.5	18.1	18.3	17.2	18.2	19.1	20.0
Percentage aged 65 or over.....	11.4	11.6	11.6	12.1	12.9	13.5	14.0	13.0	14.0	15.0
Percentage of women aged 15-49.....	47.3	44.9	42.6	43.4	46.1	46.2	46.9	47.6	48.6	49.1
Median age (years).....	34.5	32.9	33.0	32.7	32.3	31.6	32.5	33.7	34.7	36.1
Population density (per sq km).....	76	79	83	88	92	96	98	100	103	105
	1950-1955	1955-1960	1960-1965	1965-1970	1970-1975	1975-1980	1980-1985	1985-1990	1990-1995	
Population change per year (thousands).....	320	451	615	403	385	236	258	309	260	
Births per year (thousands).....	830	818	852	853	841	746	792	772	734	
Deaths per year (thousands).....	544	525	531	551	551	547	555	531	546	
Population growth rate (percentage).....	0.75	1.01	1.30	0.81	0.75	0.44	0.47	0.55	0.45	
Crude birth rate (per 1,000 population).....	19.5	18.4	18.0	17.2	16.3	14.0	14.5	13.8	12.8	
Crude death rate (per 1,000 population).....	12.8	11.8	11.2	11.1	10.7	10.3	10.2	9.5	9.5	
Total fertility rate (per woman).....	2.73	2.71	2.85	2.61	2.31	1.86	1.87	1.81	1.72	
Gross reproduction rate (per woman).....	1.33	1.32	1.39	1.27	1.13	0.91	0.91	0.88	0.84	
Net reproduction rate (per woman).....	1.26	1.27	1.34	1.23	1.10	0.89	0.90	0.87	0.83	
Infant mortality rate (per 1,000 births).....	45	33	25	21	16	11	9	8	7	
Life expectancy at birth (years)										
Males.....	63.7	66.5	67.6	67.9	68.6	69.7	70.8	72.0	73.4	
Females.....	69.5	72.9	74.5	75.4	76.3	77.8	78.9	80.3	81.5	
Both sexes combined.....	66.5	69.6	71.0	71.5	72.4	73.7	74.7	76.0	77.1	
	1995	2000	2005	2010	2015	2020	2025	2030	2040	2050
Population (thousands)										
Total.....	58 020	59 080	59 925	60 597	61 108	61 500	61 662	61 632	60 998	59 883
Males.....	28 279	28 798	29 208	29 519	29 759	29 948	30 019	29 984	29 623	29 117
Females.....	29 741	30 281	30 718	31 078	31 349	31 553	31 643	31 648	31 375	30 766
Sex ratio (per 100 females).....	95.1	95.1	95.1	95.0	94.9	94.9	94.9	94.7	94.4	94.6
Age distribution:										
Percentage aged 0-4.....	6.3	6.0	5.9	5.8	5.8	5.8	5.6	5.5	5.5	5.6
Percentage aged 5-14.....	13.2	12.7	12.1	11.7	11.5	11.5	11.5	11.4	11.0	11.2
Percentage aged 15-24.....	14.0	13.1	12.8	12.4	11.8	11.5	11.4	11.4	11.5	11.2
Percentage aged 60 or over.....	20.0	20.5	20.9	22.9	24.8	26.5	28.1	29.5	31.1	31.4
Percentage aged 65 or over.....	15.0	15.9	16.4	16.6	18.4	20.1	21.7	23.2	25.3	25.5
Percentage in school ages 6-11.....	7.9	7.6	7.2	7.0	6.9	6.9	6.9	6.8	6.6	6.7
Percentage in school ages 12-14.....	4.0	3.9	3.7	3.5	3.5	3.4	3.4	3.5	3.3	3.3
Percentage in school ages 15-17.....	4.0	3.9	3.8	3.6	3.5	3.4	3.4	3.5	3.4	3.3
Percentage in school ages 18-23.....	8.6	7.8	7.7	7.5	7.1	6.9	6.8	6.8	7.0	6.8
Percentage of women aged 15-49.....	49.1	47.7	46.1	44.4	42.6	41.0	39.7	39.1	38.4	38.4
Median age (years).....	36.1	37.6	39.0	40.3	41.5	42.3	43.0	43.6	44.1	43.9
Population density (per sq km).....	105	107	109	110	111	112	112	112	111	109
	1995-2000	2000-2005	2005-2010	2010-2015	2015-2020	2020-2025	2025-2030	2030-2040	2040-2050	
Population change per year (thousands).....	212	169	134	102	78	32	-6	-63	-112	
Births per year (thousands).....	715	705	706	712	719	699	682	673	670	
Deaths per year (thousands).....	543	566	591	620	646	667	688	737	782	
Net migration per year (thousands).....	40	30	20	10	5	0	0	0	0	
Population growth rate (percentage).....	0.36	0.28	0.22	0.17	0.13	0.05	-0.01	-0.10	-0.18	
Crude birth rate (per 1,000 population).....	12.2	11.8	11.7	11.7	11.7	11.3	11.1	11.0	11.1	
Crude death rate (per 1,000 population).....	9.3	9.5	9.8	10.2	10.5	10.8	11.2	12.0	12.9	
Net migration rate (per 1,000 population).....	0.7	0.5	0.3	0.2	0.1	0.0	0.0	0.0	0.0	
Total fertility rate (per woman).....	1.71	1.75	1.82	1.89	1.96	1.96	1.96	1.96	1.96	
Gross reproduction rate (per woman).....	0.83	0.85	0.89	0.92	0.96	0.96	0.96	0.96	0.96	
Net reproduction rate (per woman).....	0.82	0.84	0.88	0.91	0.95	0.95	0.95	0.95	0.95	
Infant mortality rate (per 1,000 births).....	6	6	6	6	5	5	5	5	5	
Mortality under age 5 (per 1,000 births).....	8	7	7	6	6	6	6	6	5	
Life expectancy at birth (years)										
Males.....	74.2	75.0	75.5	76.0	76.5	77.0	77.5	78.1	78.9	
Females.....	82.0	82.5	83.0	83.4	83.8	84.2	84.6	85.2	86.0	
Both sexes combined.....	78.1	78.8	79.2	79.7	80.1	80.6	81.1	81.6	82.4	

Source: United Nations Population Division, *World Population Prospects: The 1998 Revision*.

TABLE A.1 (continued)

FRANCE

## C. HIGH-VARIANT PROJECTIONS

	1995	2000	2005	2010	2015	2020	2025	2030	2040	2050
<b>C. HIGH-VARIANT PROJECTIONS</b>										
Population (thousands)										
Total.....	58 020	59 163	60 308	61 327	62 232	63 075	63 909	64 646	66 072	67 413
Males.....	28 279	28 841	29 404	29 893	30 335	30 755	31 171	31 528	32 222	32 972
Females.....	29 741	30 322	30 904	31 433	31 897	32 320	32 739	33 118	33 850	34 441
Age distribution:										
Percentage aged 0-4.....	6.3	6.2	6.3	6.3	6.3	6.4	6.5	6.4	6.7	6.9
Percentage aged 5-14.....	13.2	12.7	12.1	12.2	12.3	12.4	12.5	12.6	12.9	13.3
Percentage aged 15-24.....	14.0	13.1	12.8	12.2	11.8	11.8	12.0	12.0	12.3	12.6
Percentage aged 60 or over.....	20.0	20.5	20.8	22.6	24.4	25.9	27.1	28.2	28.7	27.9
Percentage aged 65 or over.....	15.0	15.9	16.3	16.4	18.1	19.6	20.9	22.1	23.3	22.7
Percentage of women aged 15-49.....	49.1	47.6	45.8	43.9	42.0	40.6	39.4	39.0	38.8	38.8
Median age (years).....	36.1	37.6	38.8	39.9	40.8	41.3	41.5	41.6	40.6	39.5
	1995-2000	2000-2005	2005-2010	2010-2015	2015-2020	2020-2025	2025-2030	2030-2040	2040-2050	
Population change per year (thousands).....	229	229	204	181	169	167	147	143	134	
Population growth rate (percentage).....	0.39	0.38	0.34	0.29	0.27	0.26	0.23	0.22	0.20	
Crude birth rate (per 1,000 population).....	12.5	12.8	12.8	12.8	12.9	13.1	13.0	13.5	13.8	
Crude death rate (per 1,000 population).....	9.3	9.5	9.7	10.0	10.3	10.5	10.7	11.3	11.8	
Net migration rate (per 1,000 population).....	0.7	0.5	0.3	0.2	0.1	0.0	0.0	0.0	0.0	
Total fertility rate (per woman).....	1.75	1.90	2.00	2.10	2.20	2.30	2.30	2.36	2.36	
Gross reproduction rate (per woman).....	0.85	0.93	0.97	1.02	1.07	1.12	1.12	1.15	1.15	
Net reproduction rate (per woman).....	0.84	0.91	0.96	1.01	1.06	1.11	1.11	1.14	1.14	

## D. LOW-VARIANT PROJECTIONS

	1995	2000	2005	2010	2015	2020	2025	2030	2040	2050
<b>D. LOW-VARIANT PROJECTIONS</b>										
Population (thousands)										
Total.....	58 020	59 017	59 523	59 694	59 587	59 242	58 647	57 786	55 150	51 680
Males.....	28 279	28 766	29 001	29 056	28 979	28 790	28 474	28 013	26 628	24 919
Females.....	29 741	30 251	30 521	30 638	30 608	30 452	30 173	29 773	28 522	26 760
Age distribution:										
Percentage aged 0-4.....	6.3	5.9	5.3	5.0	4.9	4.8	4.6	4.4	4.1	4.1
Percentage aged 5-14.....	13.2	12.7	12.0	11.2	10.4	10.0	9.8	9.6	9.0	8.6
Percentage aged 15-24.....	14.0	13.1	12.9	12.6	12.0	11.3	10.5	10.2	10.0	9.6
Percentage aged 60 or over.....	20.0	20.5	21.0	23.2	25.5	27.5	29.6	31.5	34.4	36.4
Percentage aged 65 or over.....	15.0	15.9	16.5	16.9	18.9	20.9	22.8	24.7	27.9	29.6
Percentage of women aged 15-49.....	49.1	47.7	46.4	45.0	43.5	41.8	40.1	39.1	37.1	35.5
Median age (years).....	36.1	37.6	39.3	40.9	42.4	43.8	44.9	46.1	48.2	49.8
	1995-2000	2000-2005	2005-2010	2010-2015	2015-2020	2020-2025	2025-2030	2030-2040	2040-2050	
Population change per year (thousands).....	199	101	34	-21	-69	-119	-172	-264	-347	
Population growth rate (percentage).....	0.34	0.17	0.06	-0.04	-0.12	-0.20	-0.30	-0.47	-0.65	
Crude birth rate (per 1,000 population).....	12.0	10.7	10.1	9.9	9.6	9.3	8.8	8.3	8.1	
Crude death rate (per 1,000 population).....	9.3	9.5	9.9	10.4	10.9	11.3	11.8	13.0	14.6	
Net migration rate (per 1,000 population).....	0.7	0.5	0.3	0.2	0.1	0.0	0.0	0.0	0.0	
Total fertility rate (per woma. ).....	1.68	1.58	1.56	1.56	1.56	1.56	1.56	1.56	1.56	
Gross reproduction rate (per woman).....	0.82	0.77	0.76	0.76	0.76	0.76	0.76	0.76	0.76	
Net reproduction rate (per woman).....	0.81	0.76	0.75	0.75	0.75	0.75	0.75	0.75	0.75	

## E. CONSTANT-VARIANT PROJECTIONS

	1995	2000	2005	2010	2015	2020	2025	2030	2040	2050
<b>E. CONSTANT-VARIANT PROJECTIONS</b>										
Population (thousands)										
Total.....	58 020	59 107	59 898	60 383	60 582	60 544	60 285	59 819	58 106	55 602
	1995-2000	2000-2005	2005-2010	2010-2015	2015-2020	2020-2025	2025-2030	2030-2040	2040-2050	
Population growth rate (percentage).....	0.37	0.27	0.16	0.07	-0.01	-0.09	-0.16	-0.29	-0.44	
Crude birth rate (per 1,000 population).....	12.3	11.7	11.1	10.7	10.4	10.2	9.9	9.6	9.3	
Crude death rate (per 1,000 population).....	9.3	9.5	9.8	10.2	10.7	11.0	11.5	12.5	13.7	

Source: United Nations Population Division, *World Population Prospects: The 1998 Revision*.

TABLE A.2. FRANCE, REPLACEMENT MIGRATION SCENARIOS

## FRANCE

Scenario	I	II	III	IV	V
Period	Medium variant	Medium variant with zero migration	Constant total population	Constant age group 15-64	Constant ratio 15-64/65 years or older
A. Average annual net migration (thousands)					
1995-2000	40	0	0	0	842
2000-2005	30	0	0	0	333
2005-2010	20	0	0	0	219
2010-2015	10	0	0	179	1 934
2015-2020	5	0	0	207	1 988
2020-2025	0	0	0	182	1 937
2025-2030	0	0	6	155	2 002
2030-2035	0	0	42	113	2 046
2035-2040	0	0	70	117	2 204
2040-2045	0	0	86	54	2 057
2045-2050	0	0	91	86	3 196
Grand total 1995-2050	525	0	1 473	5 459	93 794
B. Total population (thousands)					
1995	58 020	58 020	58 020	58 020	58 020
2000	59 080	58 879	58 879	58 879	63 310
2005	59 925	59 571	59 571	59 571	66 179
2010	60 597	60 139	60 139	60 139	68 436
2015	61 108	60 597	60 597	61 545	79 702
2020	61 500	60 960	60 960	63 112	92 232
2025	61 662	61 121	61 121	64 442	105 188
2030	61 632	61 091	61 121	65 505	119 014
2035	61 401	60 862	61 121	66 192	133 522
2040	60 998	60 462	61 121	66 750	149 345
2045	60 474	59 943	61 121	66 890	164 994
2050	59 883	59 357	61 121	67 130	187 193
C. Age group 15-64 (thousands)					
1995	37 986	37 986	37 986	37 986	37 986
2000	38 620	38 488	38 488	38 488	41 593
2005	39 378	39 145	39 145	39 145	43 734
2010	39 925	39 625	39 625	39 625	45 381
2015	39 294	38 965	38 965	39 625	52 319
2020	38 483	38 145	38 145	39 625	59 918
2025	37 686	37 355	37 355	39 625	67 847
2030	36 919	36 594	36 615	39 625	76 551
2035	36 231	35 913	36 092	39 625	86 078
2040	35 512	35 199	35 652	39 625	96 507
2045	35 058	34 750	35 557	39 625	106 826
2050	34 586	34 282	35 493	39 625	121 047
D. Potential support ratio 15-64/65 or older					
1995	4.36	4.36	4.36	4.36	4.36
2000	4.10	4.10	4.10	4.10	4.36
2005	4.02	4.02	4.02	4.02	4.36
2010	3.96	3.96	3.96	3.96	4.36
2015	3.49	3.49	3.49	3.54	4.36
2020	3.11	3.11	3.11	3.20	4.36
2025	2.81	2.81	2.81	2.95	4.36
2030	2.59	2.59	2.59	2.76	4.36
2035	2.42	2.42	2.43	2.62	4.36
2040	2.31	2.31	2.33	2.53	4.36
2045	2.28	2.28	2.32	2.51	4.36
2050	2.26	2.26	2.33	2.49	4.36

TABLE A.2 (continued)

FRANCE

Scenario	I	II	III	IV	V
Period	Medium variant	Medium variant with zero migration	Constant total population	Constant age group 15-64	Constant ratio 15-64/65 years or older
E. Age group 65 or older (thousands)					
1995	8 708	8 708	8 708	8 708	8 708
2000	9 413	9 381	9 381	9 381	9 535
2005	9 807	9 749	9 749	9 749	10 026
2010	10 087	10 009	10 009	10 009	10 403
2015	11 252	11 158	11 158	11 191	11 994
2020	12 389	12 281	12 281	12 366	13 736
2025	13 388	13 271	13 271	13 417	15 554
2030	14 275	14 150	14 151	14 364	17 549
2035	14 956	14 825	14 834	15 114	19 733
2040	15 402	15 268	15 294	15 661	22 124
2045	15 378	15 243	15 294	15 786	24 490
2050	15 285	15 151	15 234	15 932	27 750
F. Percentage in age group 65 or older					
1995	15.0	15.0	15.0	15.0	15.0
2000	15.9	15.9	15.9	15.9	15.1
2005	16.4	16.4	16.4	16.4	15.1
2010	16.6	16.6	16.6	16.6	15.2
2015	18.4	18.4	18.4	18.2	15.0
2020	20.1	20.1	20.1	19.6	14.9
2025	21.7	21.7	21.7	20.8	14.8
2030	23.2	23.2	23.2	21.9	14.7
2035	24.4	24.4	24.3	22.8	14.8
2040	25.2	25.3	25.0	23.5	14.8
2045	25.4	25.4	25.0	23.6	14.8
2050	25.5	25.5	24.9	23.7	14.8
G. Age group 0-14 (thousands)					
1995	11 326	11 326	11 326	11 326	11 326
2000	11 047	11 009	11 009	11 009	12 182
2005	10 740	10 677	10 677	10 677	12 419
2010	10 585	10 505	10 505	10 505	12 652
2015	10 563	10 475	10 475	10 729	15 390
2020	10 627	10 534	10 534	11 120	18 578
2025	10 588	10 495	10 495	11 399	21 788
2030	10 438	10 347	10 355	11 515	24 914
2035	10 214	10 124	10 194	11 453	27 711
2040	10 084	9 996	10 175	11 464	30 714
2045	10 038	9 950	10 269	11 478	33 677
2050	10 012	9 924	10 393	11 572	38 396
H. Potential support ratio in 2050, by age at entry into non-working-age population					
Age					
65	2.26	2.26	2.33	2.49	4.36
70	3.19	3.19	3.28	3.53	6.49
75	4.71	4.71	4.84	5.22	10.00
80	7.75	7.75	7.96	8.60	17.09

NOTE: The five scenarios are briefly as follows:

- I - Corresponds to the medium variant of the official United Nations population projections (*World Population Prospects, 1998 Revision*);
- II - This scenario amends the medium variant by assuming no migration after 1995;
- III - This scenario keeps the total population figure constant at the highest level that it would reach in absence of migration after 1995.
- IV - This scenario keeps the number of persons aged 15-64 constant at the highest level that it would reach in absence of migration after 1995.
- V - This scenario keeps the ratio of persons aged 15-64 to persons aged 65 and above at the highest level that it would reach in absence of migration after 1995.