

Appendix A - Statistical Tables

Appendix Table 1.

Number (in thousands) and Percentages of Older Population in Selected Countries, by Age: 1980 to 2025

	1980					1995					2010					2025				
	55-59	60-64	65-69	70-79	80+	55-59	60-64	65-69	70-79	80+	55-59	60-64	65-69	70-79	80+	55-59	60-64	65-69	70-79	80+
Developed																				
Australia	714	602	516	636	246	799	705	697	1,008	456	1,309	1,189	877	1,182	766	1,526	1,448	1,328	2,001	1,079
	4.9	4.1	3.5	4.4	1.7	4.5	3.9	3.9	5.6	2.6	6.4	5.8	4.3	5.8	3.8	6.8	6.5	5.9	9.0	4.8
Canada	1,177	954	832	1,038	439	1,260	1,173	1,084	1,590	809	2,161	1,875	1,389	1,891	1,335	2,202	2,415	2,217	3,213	1,831
	4.8	3.9	3.4	4.2	1.8	4.6	4.2	3.9	5.8	2.9	7.0	6.1	4.5	6.1	4.3	6.6	7.2	6.6	9.6	5.5
Finland	258	209	200	285	88	268	241	233	326	165	384	397	266	379	245	336	348	333	606	331
	5.4	4.4	4.2	6.0	1.8	5.4	4.9	4.7	6.6	3.4	7.7	7.9	5.3	7.6	4.9	6.8	7.1	6.7	12.3	6.7
France	3,076	1,750	2,065	3,798	1,662	2,825	2,907	2,748	3,777	2,554	4,040	3,979	2,600	4,471	3,410	4,080	3,988	3,712	6,396	3,874
	5.7	3.2	3.8	7.0	3.1	5.1	5.2	4.9	6.8	4.6	7.0	6.9	4.5	7.8	5.9	7.0	6.9	6.4	11.0	6.7
Germany	4,424	2,888	3,734	6,313	2,166	5,905	4,434	4,030	5,270	3,364	5,534	4,573	4,764	7,857	4,293	6,665	6,799	5,628	8,010	6,340
	5.6	3.7	4.8	8.1	2.8	7.6	5.7	5.2	6.8	4.3	7.0	5.8	6.1	10.0	5.5	8.8	9.0	7.4	10.6	8.4
Ireland	156	139	134	169	63	148	133	125	198	90	222	200	149	205	129	237	224	210	326	178
	4.6	4.1	3.9	5.0	1.9	4.3	3.8	3.6	5.7	2.6	6.0	5.4	4.0	5.5	3.5	6.1	5.7	5.4	8.3	4.5
Italy	3,413	2,169	2,619	3,562	1,239	3,567	3,294	3,080	4,086	2,298	3,670	3,688	3,021	5,248	3,411	4,653	4,444	3,674	5,791	4,301
	6.0	3.8	4.6	6.3	2.2	6.4	5.9	5.5	7.3	4.1	6.6	6.6	5.4	9.4	6.1	8.8	8.4	7.0	11.0	8.2
Netherlands	717	594	536	768	324	773	698	629	949	494	1,118	1,111	797	1,123	720	1,253	1,235	1,094	1,749	1,001
	5.1	4.2	3.8	5.4	2.3	5.2	4.7	4.2	6.3	3.3	7.2	7.2	5.2	7.3	4.7	8.2	8.1	7.2	11.5	6.6
Norway	242	225	198	284	121	193	178	183	335	179	295	291	218	282	227	332	302	279	458	270
	5.9	5.5	4.8	7.0	3.0	4.6	4.3	4.4	8.1	4.3	7.0	6.9	5.2	6.7	5.4	7.9	7.2	6.7	11.0	6.5
Portugal	498	401	375	511	135	551	535	488	689	317	644	571	479	819	497	835	795	663	958	648
	5.1	4.1	3.8	5.2	1.4	5.4	5.2	4.8	6.7	3.1	6.1	5.4	4.6	7.8	4.7	8.1	7.7	6.4	9.2	6.2
Spain	1,891	1,570	1,439	1,941	630	1,969	2,155	1,926	2,659	1,322	2,386	2,233	1,887	3,169	2,136	3,149	2,958	2,502	3,669	2,625
	5.0	4.2	3.8	5.2	1.7	5.2	5.7	5.1	7.0	3.5	6.2	5.8	4.9	8.2	5.5	8.5	8.0	6.7	9.9	7.1
Sweden	509	470	435	654	265	452	402	401	724	415	574	618	526	664	508	631	594	528	942	642
	6.1	5.7	5.2	7.9	3.2	5.4	4.8	4.8	8.6	4.9	6.6	7.1	6.0	7.6	5.8	7.1	6.7	5.9	10.6	7.2
United Kingdom	3,425	2,858	2,830	4,109	1,553	3,009	2,784	2,642	4,200	2,379	3,572	3,743	2,901	4,266	3,035	4,349	4,316	3,523	5,637	3,751
	6.1	5.1	5.0	7.3	2.8	5.4	5.0	4.7	7.5	4.3	6.3	6.6	5.1	7.5	5.4	7.7	7.7	6.3	10.0	6.7
United States	11,616	10,146	8,813	11,668	5,224	11,050	10,191	10,099	15,533	8,017	18,846	15,707	11,944	16,413	11,748	19,385	21,070	19,608	27,680	14,862
	5.1	4.5	3.9	5.1	2.3	4.3	4.0	3.9	6.1	3.1	6.5	5.4	4.1	5.7	4.1	6.0	6.5	6.1	8.5	4.6

Appendix Table 1.

Number (in thousands) and Percentages of Older Population in Selected Countries, by Age: 1980 to 2025 (continued)

	1980					1995					2010					2025					
	55-59	60-64	65-69	70-79	80+	55-59	60-64	65-69	70-79	80+	55-59	60-64	65-69	70-79	80+	55-59	60-64	65-69	70-79	80+	
Developing																					
Argentina	1,287 4.6	1,065 3.8	884 3.1	1,098 3.9	298 1.1	1,441 4.3	1,320 3.9	1,171 3.5	1,557 4.6	585 1.7	1,943 5.0	1,653 4.2	1,331 3.4	1,892 4.8	900 2.3	2,198 5.1	1,977 4.6	1,765 4.1	2,561 5.9	1,187 2.7	
Bolivia	134 2.5	104 1.9	84 1.6	87 1.6	17 0.3	207 2.6	169 2.2	136 1.7	152 1.9	35 0.4	342 3.2	278 2.6	208 2.0	244 2.3	75 0.7	545 4.1	442 3.3	351 2.6	440 3.3	154 1.2	
Botswana	16 1.8	12 1.3	8 0.9	9 1.0	2 0.2	29 2.1	23 1.7	18 1.3	21 1.5	7 0.5	50 2.7	35 1.9	26 1.4	32 1.7	10 0.5	95 4.1	74 3.2	55 2.4	59 2.6	20 0.8	
Costa Rica	56 2.5	44 1.9	33 1.4	38 1.7	11 0.5	90 2.6	76 2.2	61 1.8	74 2.2	31 0.9	178 4.0	136 3.0	100 2.2	129 2.9	63 1.4	277 5.1	256 4.7	214 3.9	253 4.6	120 2.2	
Egypt	1,220 2.8	949 2.2	743 1.7	818 1.9	193 0.4	1,722 2.8	1,391 2.2	1,011 1.6	985 1.6	218 0.4	2,879 3.6	2,201 2.7	1,509 1.9	1,561 1.9	387 0.5	4,402 4.5	3,467 3.6	2,651 2.7	2,894 3.0	754 0.8	
Hong Kong	214 4.2	181 3.6	136 2.7	149 3.0	40 0.8	241 4.4	244 4.5	210 3.9	274 5.1	126 2.3	429 7.8	326 5.9	189 3.4	357 6.5	250 4.6	409 7.6	498 9.3	480 8.9	588 10.9	310 5.8	
Indonesia	3,886 2.6	2,963 2.0	2,309 1.5	2,331 1.5	407 0.3	6,529 3.2	5,191 2.6	3,447 1.7	3,144 1.5	650 0.3	10,513 4.2	6,392 2.6	5,289 2.1	6,501 2.6	1,706 0.7	15,523 5.4	13,021 4.6	10,376 3.6	10,774 3.8	3,665 1.3	
Israel	157 4.0	121 3.1	125 3.2	161 4.2	48 1.2	178 3.6	171 3.4	163 3.2	247 4.9	117 2.3	325 5.4	265 4.4	179 3.0	266 4.4	183 3.0	360 5.1	317 4.5	294 4.2	465 6.6	233 3.3	
Jamaica	61 2.9	55 2.6	50 2.3	62 2.9	31 1.5	67 2.7	62 2.4	56 2.2	81 3.2	36 1.4	105 3.7	77 2.7	63 2.2	91 3.2	51 1.8	213 6.5	168 5.1	122 3.7	141 4.3	71 2.2	
Korea, South	1,102 2.9	824 2.2	637 1.7	664 1.7	152 0.4	1,943 4.3	1,476 3.3	1,018 2.2	1,124 2.5	323 0.7	2,843 5.6	2,170 4.3	1,735 3.4	2,244 4.4	681 1.3	4,088 7.7	3,750 7.0	3,262 6.1	3,563 6.7	1,484 2.8	
Malaysia	333 2.4	284 2.1	199 1.4	236 1.7	68 0.5	586 3.0	404 2.1	319 1.6	339 1.7	99 0.5	987 3.7	765 2.9	510 1.9	632 2.4	194 0.7	1,512 4.5	1,337 3.9	1,039 3.1	1,229 3.6	417 1.2	
Mexico	1,514 2.3	1,070 1.6	870 1.3	1,189 1.8	470 0.7	2,449 2.6	1,953 2.1	1,477 1.6	1,785 1.9	767 0.8	4,104 3.5	3,214 2.7	2,504 2.1	3,247 2.7	1,445 1.2	6,968 5.0	5,665 4.0	4,299 3.1	5,689 4.0	2,841 2.0	
Philippines	1,129 2.3	829 1.7	597 1.2	591 1.2	150 0.3	1,836 2.5	1,441 2.0	1,078 1.5	1,259 1.7	345 0.5	3,257 3.3	2,358 2.4	1,770 1.8	2,052 2.1	607 0.6	5,017 4.1	4,087 3.3	3,272 2.7	3,759 3.0	1,151 0.9	

Source: United Nations Department for Economic and Social Information and Policy Analysis, 1994; and U.S. Bureau of the Census, International Programs Center, International Data Base.

Appendix Table 2.
Sex Ratios at Older Ages in Selected Countries: 1995 and 2025
(Males per hundred females)

	1995					2025				
	55-59	60-64	65-69	70-79	80+	55-59	60-64	65-69	70-79	80+
Developed										
Australia	101.8	97.7	93.3	77.8	52.5	100.0	96.7	92.3	83.7	62.7
Canada	97.1	94.7	88.1	73.7	52.5	98.6	93.9	89.6	81.2	59.7
Finland	95.6	89.7	79.2	57.5	37.7	98.8	96.9	93.0	82.9	56.5
France	97.5	91.6	84.5	72.2	45.9	98.5	93.8	88.9	80.9	57.9
Germany	101.5	100.5	96.3	84.5	58.4	101.5	100.5	96.3	84.5	58.4
Ireland	102.1	98.8	88.2	77.1	52.8	101.7	92.3	89.6	83.3	60.6
Italy	93.1	88.5	83.0	69.4	49.6	99.8	96.7	91.9	80.5	55.9
Netherlands	101.6	95.3	86.3	70.4	43.8	100.9	99.5	95.6	86.0	59.6
Norway	98.5	94.6	88.6	74.2	49.7	100.7	98.5	94.6	85.6	59.1
Portugal	85.8	82.6	77.9	70.1	51.1	98.1	93.8	88.9	76.9	51.9
Spain	93.5	90.3	85.0	72.0	51.2	100.3	96.2	91.0	81.4	58.2
Sweden	100.4	94.5	88.8	78.3	53.9	101.9	100.6	96.5	86.0	61.8
United Kingdom	97.6	94.5	88.1	73.0	45.0	100.3	97.1	92.9	82.3	58.3
United States	92.3	88.9	82.6	72.9	47.5	93.5	93.0	90.9	87.6	63.0
Developing										
Argentina	93.2	88.4	82.3	72.0	55.9	95.5	91.5	86.2	75.6	53.7
Bolivia	91.5	89.9	90.1	85.2	69.3	92.3	89.9	86.6	79.0	62.5
Botswana	81.1	80.5	77.5	77.0	67.4	86.0	76.1	61.3	57.4	51.6
Costa Rica	102.0	98.7	94.9	87.4	79.7	101.3	96.3	92.9	87.6	75.8
Egypt	93.6	90.3	87.6	81.1	79.0	100.2	89.2	83.8	73.1	50.6
Hong Kong	118.8	114.5	105.5	88.3	51.0	96.8	92.3	93.8	91.7	72.9
Indonesia	89.5	86.2	83.1	79.0	67.0	95.0	91.7	87.9	79.0	58.4
Israel	88.9	83.2	79.2	78.7	77.6	102.2	99.5	91.7	81.5	62.2
Jamaica	93.2	91.6	88.7	80.0	67.4	99.2	92.2	82.1	77.7	59.7
Korea, South	96.6	84.2	68.4	57.8	35.5	97.1	92.6	86.4	79.4	50.3
Malaysia	97.9	88.5	85.8	75.8	69.5	96.9	89.0	79.7	73.2	54.1
Mexico	91.3	90.5	89.2	83.5	78.0	86.3	81.4	77.6	73.3	61.9
Philippines	92.8	90.2	86.4	86.0	103.1	91.1	86.4	80.4	79.0	86.2

Source: U.S. Bureau of the Census, International Programs Center, International Data Base.

Appendix Table 3.
**Median Age of Total and Working-Age (15-64)
Population in Selected Countries: 1995 to 2025**

	1995		2010		2025	
	Total	15-64	Total	15-64	Total	15-64
Developed						
Australia	32.7	36.5	36.5	39.6	39.1	40.1
Canada	34.0	37.3	37.9	40.7	39.9	40.4
Finland	36.8	39.4	40.3	42.0	41.7	40.9
France	35.2	38.0	38.8	40.8	40.9	40.8
Germany	37.4	39.0	42.7	42.5	44.0	42.7
Ireland	29.8	35.2	34.0	37.3	39.4	40.9
Italy	36.7	37.8	41.5	41.9	45.5	44.0
Netherlands	35.2	37.8	41.0	42.1	43.9	42.4
Norway	35.0	37.5	39.4	40.8	42.8	41.8
Portugal	33.5	35.9	38.5	39.9	43.4	43.1
Spain	34.3	36.0	39.4	40.6	44.9	44.0
Sweden	36.8	39.1	39.1	40.6	39.6	40.0
United Kingdom	34.9	37.7	39.1	41.0	40.7	41.0
United States	33.1	36.7	35.6	39.7	36.4	38.7
Developing						
Argentina	27.6	34.9	29.8	35.3	32.9	37.3
Bolivia	19.9	30.4	23.2	31.9	27.4	34.4
Botswana	17.8	28.6	23.3	30.6	29.2	35.4
Costa Rica	22.7	31.9	26.5	34.2	31.0	36.4
Egypt	21.0	31.0	24.8	32.7	29.2	35.5
Hong Kong	33.8	36.3	40.8	42.8	45.6	43.5
Indonesia	23.3	31.5	28.0	34.5	32.1	37.4
Israel	26.9	34.2	29.4	35.8	32.5	37.0
Jamaica	23.2	30.1	28.4	34.7	34.1	38.3
Korea, South	28.7	33.9	35.3	38.8	40.4	41.7
Malaysia	22.1	32.0	24.5	33.5	27.5	34.8
Mexico	20.8	29.8	25.2	33.0	30.1	36.1
Philippines	20.4	30.4	23.3	32.3	26.7	34.1

Source: U.S. Bureau of the Census, International Programs Center, International Data Base.

Appendix Table 4.
**Life Expectancy at Birth and at Age 65
in Selected Countries: 1995**
(In years)

	At Birth		At Age 65	
	Male	Female	Male	Female
Developed				
Australia	74.7	81.0	15.7	19.7
Canada	74.9	81.8	16.4	21.1
Finland	72.5	80.1	14.6	18.7
France	74.5	82.4	16.5	21.1
Germany	73.5	79.9	14.8	18.7
Ireland	73.2	79.0	14.1	17.9
Italy	74.7	81.2	15.6	19.7
Netherlands	74.9	81.2	15.2	19.8
Norway	74.3	81.2	15.2	19.7
Portugal	72.1	79.2	14.8	18.4
Spain	74.7	81.4	15.9	19.7
Sweden	75.6	81.4	15.9	19.8
United Kingdom	74.2	80.0	14.9	18.9
United States	72.8	79.7	15.9	19.7
Developing				
Argentina	68.2	75.0	13.9	17.1
Bolivia	61.4	66.4	12.8	14.3
Botswana	60.5	66.7	12.3	14.0
Costa Rica	76.2	80.1	16.9	19.4
Egypt	59.2	63.1	10.2	12.4
Hong Kong	76.8	83.8	17.5	22.6
Indonesia	59.1	63.4	11.9	13.3
Israel	76.0	80.4	16.8	19.1
Jamaica	72.4	77.0	14.8	17.4
Korea, South	67.7	74.3	11.9	16.1
Malaysia	66.6	72.6	12.4	15.0
Mexico	69.7	77.1	16.3	18.8
Philippines	63.2	68.3	14.1	14.3

Source: U.S. Bureau of the Census, International Programs Center, International Data Base.

Appendix Table 5.
**Labor Force Participation Rates for Five Age Groups,
Selected Countries: Circa 1975 and 1992**

(Percent economically active)

Country	Year	Males					Females				
		25-34	45-54	55-59	60-64	65+	25-34	45-54	55-59	60-64	65+
Developed											
Australia	1975	96.8	93.9	87.8	68.6	16.7	48.4	46.3	31.2	15.6	3.9
	1992	93.2	89.0	74.1	48.1	9.3	64.9	64.6	36.8	12.5	2.2
Canada	1975	95.4	92.7	¹ 79.4	-	18.5	52.9	46.1	¹ 30.8	-	5.0
	1992	91.6	90.0	¹ 62.0	-	11.0	75.9	71.2	¹ 36.4	-	3.6
Finland	1975	94.0	87.2	75.3	56.1	29.4	79.5	71.8	59.1	27.8	8.5
	1992	92.0	88.1	62.3	27.7	6.2	79.1	87.3	60.5	20.6	2.5
France	1975	96.7	94.9	83.3	56.8	14.0	62.2	53.7	44.2	30.0	5.8
	1992	94.9	93.0	68.7	19.2	3.5	76.9	69.8	45.8	15.2	1.4
Germany, Fed. Rep.	1975	93.6	94.7	85.4	58.4	10.6	55.4	50.8	38.9	15.8	4.6
	1990	88.1	91.7	78.5	34.8	4.6	66.3	59.5	41.9	11.1	2.2
Ireland	1975	97.2	94.0	¹ 83.8	-	28.2	30.5	24.6	¹ 20.9	-	7.2
	1991	95.3	89.8	¹ 66.9	-	16.5	62.0	32.9	¹ 19.3	-	3.3
Italy	1975	² 96.6	³ 96.7	⁴ 50.6	42.4	7.3	² 35.5	³ 31.6	⁴ 23.3	8.5	1.5
	1992	² 94.0	³ 96.0	⁴ 77.2	35.6	5.5	² 63.4	³ 51.0	⁴ 29.3	9.7	1.4
Netherlands	1975	95.0	91.0	78.9	64.9	8.0	31.3	24.4	17.5	10.8	1.8
	1992	95.0	90.1	62.2	23.8	n/a	68.1	51.4	25.8	6.5	n/a
Norway	1975	91.1	90.5	86.6	76.9	37.6	51.1	56.5	49.6	40.0	12.1
	1992	90.0	90.2	80.5	63.8	17.7	77.5	77.3	63.4	45.5	10.1
Portugal	1975	96.4	93.7	82.4	74.2	36.3	53.4	42.5	36.9	27.6	11.1
	1992	94.0	90.4	71.8	56.2	19.5	78.5	57.6	41.2	27.7	8.0
Spain	1975	96.1	95.4	87.6	71.5	18.8	30.8	27.2	26.2	19.7	6.3
	1992	92.3	90.3	74.5	46.2	3.4	62.8	35.1	24.2	16.3	1.6
Sweden	1975	94.9	94.1	89.7	74.0	19.9	71.3	75.2	60.7	38.3	6.1
	1992	90.7	93.1	84.9	60.9	13.7	85.0	89.7	78.6	51.7	5.1
United Kingdom	1975	94.9	96.2	93.0	82.3	15.6	51.8	66.3	52.4	28.6	4.9
	1992	93.2	91.0	78.0	52.9	8.7	69.4	74.5	54.7	23.4	3.6
United States	1975	94.6	91.2	83.3	64.5	20.7	54.9	54.3	47.5	33.0	7.8
	1992	92.8	90.1	78.2	54.1	15.5	74.0	72.4	56.5	36.2	7.7

Appendix Table 5.
**Labor Force Participation Rates for Five Age Groups,
Selected Countries: Circa 1975 and 1992** (*continued*)

(Percent economically active)

Country	Year	Males					Females				
		25-34	45-54	55-59	60-64	65+	25-34	45-54	55-59	60-64	65+
Developing											
Argentina	1978	97.5	94.1	79.4	49.5	22.3	36.0	28.6	20.9	14.6	4.4
	1990	96.7	93.0	79.4	56.1	50.9	42.9	29.4	18.4	9.9	2.9
Bolivia	1976	96.2	97.8	94.8	89.7	80.5	24.6	21.7	18.6	16.8	14.1
	1991	⁵ 84.7	³ 97.1	⁴ 86.1	⁶ 52.5	⁷ 27.9	⁵ 53.8	³ 61.2	⁴ 47.0	⁶ 29.8	⁷ 19.1
Botswana	1975	⁸ 96.9	97.9	¹ 96.5	-	84.3	⁸ 81.0	83.5	¹ 82.0	-	65.7
	1991	92.6	88.6	83.5	74.5	58.9	58.1	53.7	32.3	27.9	17.5
Costa Rica	1973	97.6	97.2	94.3	86.0	57.1	25.6	15.3	10.7	7.8	3.9
	1992	⁹ 96.2	³ 95.0	⁴ 82.5	⁶ 50.8	⁷ 25.0	⁴ 41.4	³ 37.9	² 22.8	⁶ 7.7	⁷ 5.2
Egypt	1976	94.7	97.5	96.0	77.9	40.9	9.5	3.3	2.8	2.2	1.0
	1991	² 95.9	³ 98.8	⁴ 97.9	52.0	39.5	² 30.8	³ 22.3	⁴ 14.1	5.8	7.7
Jamaica	1975	97.8	97.2	¹ 90.9	-	64.7	79.3	76.1	¹ 56.6	-	27.0
	1990	95.3	94.9	¹ 84.3	-	53.6	84.3	82.0	¹ 61.3	-	23.6
Hong Kong	1976	94.7	92.6	80.6	64.2	33.9	46.7	38.8	33.3	28.3	12.2
	1990	98.6	95.2	81.0	54.5	21.2	66.3	44.7	26.9	18.2	5.9
Indonesia	1976	98.9	97.0	92.4	87.5	69.7	51.2	61.5	54.1	48.4	31.2
	1992	95.5	95.8	89.6	79.7	56.8	61.7	59.2	52.5	42.7	25.1
Korea, South	1975	97.2	95.3	85.6	68.3	34.4	38.6	58.6	50.9	33.7	12.0
	1992	94.2	93.3	84.9	71.0	42.3	46.1	60.9	54.1	44.9	19.6
Israel	1976	86.9	92.4	¹ 84.6	-	29.5	45.0	38.3	¹ 23.7	-	5.3
	1992	82.5	86.9	79.8	62.0	18.7	58.5	57.0	42.3	19.4	5.6
Malaysia	1970	93.5	89.0	76.4	66.1	46.6	39.9	40.3	30.7	25.1	13.7
	1990	96.0	94.7	71.4	61.4	-	50.4	46.2	32.5	26.6	-
Mexico	1975	⁸ 96.6	95.2	¹ 88.1	-	63.5	⁸ 17.5	16.9	¹ 14.7	-	10.1
	1993	96.5	94.3	88.6	79.8	60.1	41.9	36.3	27.0	22.7	15.0
Philippines	1976	92.1	94.7	90.7	84.3	62.6	26.5	24.2	21.7	19.6	13.7
	1992	97.2	97.3	¹ 88.1	-	61.8	50.3	59.2	¹ 51.7	-	28.3

Notes: “ - ” data not available.

- ¹refers to ages 55 to 64. ⁵refers to ages 20 to 39.
²refers to ages 25 to 39. ⁶refers to ages 60 to 69.
³refers to ages 40 to 49. ⁷refers to ages 70 and over.
⁴refers to ages 50 to 59. ⁸refers to ages 25 to 44.

Source: International Labour Office,
Year Book of Labour Statistics,
various issues; and OECD, 1993.

Appendix B - Glossary

(For an extensive glossary of pension terminology, see Mayers and Dailey, 1992).

Age-specific growth rate — the average annual change in the size of a specific age grouping. Such change may be affected by a combination of past and present birth, death, and migration rates.

Age-specific mortality rate — the number of deaths during a year to persons in a particular age group per 1,000 persons in the same age group at midyear.

Age structure — the distribution of a population according to age, usually by 5-year age groups.

Birth rate — the number of births during a year per 1,000 population at midyear. Also known as crude birth rate.

Book reserves — a pension scheme in which an organization guarantees employee retirement benefits, in return for which it sets up provisions on the liability side of the company balance sheet and uses these “assets” at its discretion. Book reserves are often covered by an insurance bond to assure solvency.

Cohort — a group of individuals born in the same calendar year or sequential group of years.

Compulsory occupational pension plans — retirement plans required by law for specific industries or all industries within a country.

Death rate — the number of deaths during a year per 1,000 population at midyear. Also known as crude death rate.

Defined benefit plan — a pension scheme with a prescribed formula (e.g., a percentage of final salary times years of service) for calculating benefit amounts.

Defined contribution plan — a pension scheme in which periodic contributions are prescribed and the benefit is dependent upon an individual’s account balance at retirement. The balance depends upon amounts contributed and investment returns (and, in the case of profit sharing plans, amounts that may be allocated due to forfeitures by terminating employees).

Developed countries — All nations in Europe (including the European republics of the former Soviet Union) and North America, plus Japan, Australia, and New Zealand. This category is the same as the “more developed” classification employed by the United Nations.

Developing countries — All countries of the world not included in the “developed country” category above. The “developing country” category is the same as the “less developed” classification employed by the United Nations.

Discouraged worker — usually refers to those persons who were once economically active but currently are not seeking employment either because they believe no work is available or do not know where to look.

Early retirement age — an age defined by terms of a pension plan, less than the normal or standard retirement age, at which a participant may begin to receive pension payments (possibly reduced relative to those payable at the standard retirement age).

Earnings test — used to determine a potential recipient’s eligibility for a benefit (e.g., certain benefits are paid only if a recipient’s income falls below a specified level).

Economically active — participating as a member of the labor force. Refers to both employed and unemployed persons, including those seeking work for the first time. The concept and definition of economic activity may vary widely among nations, especially with regard to the daily activities of women.

Elderly — persons aged 65 years or older.

Elderly support ratio (also called the elderly dependency ratio) — the ratio of persons aged 65 or older to those aged 20 to 64 in a population.

European Union — a 12-nation (Belgium, Denmark, France, Germany, Greece, Ireland, Italy, Luxembourg, Netherlands, Portugal, Spain, and the United Kingdom) association working toward economic integration and closer political unity. Formerly called the European Community.

Eurostat — the statistical office of the European Union, headquartered in Luxembourg.

Family worker — a member of the labor force working a specified number of hours with or without pay, usually as part of a family enterprise.

Fully funded — refers to pension schemes with accumulated reserves totalling 100 percent of the present value of all liabilities owed to current members.

Funded pension plans — schemes in which pension commitments (liabilities) to members are covered by real or financial assets.

Gross domestic product (GDP) — The value of all final goods and services produced within a nation in a given year.

Healthy life expectancy (also called active life expectancy or disability-free life expectancy) — the average number of years that a person may expect to live without limitation of function due to one or more chronic disease conditions.

ILO — International Labour Office, a United Nations agency headquartered in Geneva, Switzerland.

Income replacement rate (ratio) — the value of a pension as a proportion of a worker's wage during some base period, typically the last year or two prior to retirement.

Industrialized nations — see “developed countries.”

Labor force participation rate (LFPR) — the number of economically active persons in a particular age group as a percent of total population in the same group.

Life expectancy at birth — the average number of years a group of people born in the same year can be expected to live if mortality at each age remains constant in the future.

Longitudinal data — sets of information collected from the same respondents (or proxies) at multiple points in time.

Lump sum payment — payment within one taxable year of the entire balance from a trust which forms part of a pension or employee annuity plan.

Means-tested benefit — see “earnings test.”

Median age — the age which divides a population into two equal-size groups, one of which is younger and the other older than the median.

Net migration rate — the difference between the number of migrants entering and those leaving a country in a year, per 1,000 midyear population. A positive rate denotes net immigration and a negative rate denotes net emigration.

OECD — Organization for Economic Cooperation and Development, an organization of 24 developed countries plus Mexico headquartered in Paris, France.

Oldest old — persons aged 80 years or older.

Pay-as-you-go pension plan — a method of financing whereby current pension benefit outlays are paid with current revenues from an earmarked tax, often a payroll tax.

Population aging — most commonly defined as an increase in the proportion of total population at older ages (e.g., 65 and over). May also be measured as an increase in median population age.

Population growth rate — the average annual change in a national population, resulting from a surplus (or deficit) of births over deaths and the balance of migrants entering and leaving the country.

Provident fund — a defined contribution scheme wherein regular contributions are withheld from employee wages and managed/invested by the public sector for later payment.

Replacement-level fertility — the average number of children each woman would have to bear for a population to remain the same size over the long term. Conventionally taken to be an average of 2.1 children per woman.

Sex ratio — the number of males per 100 females in a population or subgroup.

Standard (normal) age at retirement — the age, written into pension statutes of the public retirement system, from which a retirement pension is paid without any reduction or special conditions.

Total fertility rate (TFR) — the average number of children that would be born per woman if all women lived to the end of their childbearing years and bore children according to the prevailing set of age-specific fertility rates.

Unemployment rate — the number of unemployed economically active persons expressed as a percent of the total (or age-specific) economically active population.

Appendix C - References

(Many of the demographic data in this report are taken or derived from dozens of sources not included in the following reference list. These unnamed sources consist mainly of primary census and survey volumes of individual nations, as well as periodic issues of international compendia such as the United Nations *Demographic Yearbook*. For information on data bases concerning social security generally, the reader is referred to Butare, 1994).

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IPC Publications on Population Aging

An Aging World II. 1993. International Population Reports Series P-95, No. 92-3. Focuses on current and projected numbers and proportions of the world's elderly, as well as socioeconomic characteristics of older populations in 50 nations.

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The Impact of HIV/AIDS on World Population. 1994. Presents the method and results of incorporating HIV/AIDS seroprevalence and mortality into Bureau of the Census population estimates and projections for selected countries of the world.

Data Bases and Microcomputer Applications

International Data Base. Contains statistical tables of demographic and socioeconomic data for all countries of the world, obtained from national censuses, surveys, and administrative records. Microcomputer and Internet versions are available.

HIV/AIDS Surveillance Data Base. Incorporates extant seroprevalence data obtained from scientific literature and from presentations at international conferences. Microcomputer and Internet versions are available.

Integrated Microcomputer Processing System. Contains software packages that perform the major tasks in survey and census data processing.

Population Analysis with Microcomputers/Population Analysis Spreadsheets. Two-volume publication which: 1) explains the concepts behind frequently-used demographic techniques; and 2) includes a microcomputer spreadsheet diskette and documentation for use with Lotus 1-2-3.