

World Population

An Analysis of Vital Data

Nathan Keyfitz and Wilhelm Flieger



Standard Book Number: 226-43234-3

Library of Congress Catalog Card Number: 68-14010

The University of Chicago Press, Chicago 60637
The University of Chicago Press, Ltd., London

© 1968 by The University of Chicago

All rights reserved. Published 1968. Second Impression 1970

Printed in the United States of America

TABLE 1
DATA

	AGE AT LAST BIRTHDAY	BOTH SEXES	POPULATION		BIRTHS		DEATHS		AGE AT LAST BIRTHDAY		
			MALES	FEMALES	BY AGE OF MOTHER	BOTH SEXES	MALES	FEMALES			
			Number	%	Number	%					
	0	87254	44768	1.8	42486	1.6	0	3381	1949	1432	0
	1-4	379684	194184	8.0	185500	7.0	0	633	349	264	1-4
	5-9	403573	205334	8.4	198239	7.4	0	290	175	115	5-9
	10-14	385992	195303	8.0	190689	7.2	5	189	105	84	10-14
	15-19	362561	173927	7.1	188634	7.1	3789	385	200	185	15-19
	20-24	361157	170163	7.0	190994	7.2	24806	558	265	293	20-24
	25-29	379183	185405	7.6	193778	7.3	28587	693	339	354	25-29
	30-34	347070	168039	6.9	179031	6.7	19199	712	353	359	30-34
	35-39	364210	175505	7.2	188305	7.1	11326	969	493	476	35-39
	40-44	371441	180385	7.4	191056	7.2	3280	1425	774	651	40-44
	45-49	351138	169239	6.9	181899	6.8	204	2199	1283	916	45-49
	50-54	310171	142983	5.9	167188	6.3	1	3141	1868	1273	50-54
	55-59	261559	116040	4.8	145519	5.5	0	4176	2410	1766	55-59
	60-64	225532	98522	4.0	127010	4.8	0	5602	3164	2438	60-64
	65-69	193051	83352	3.4	109699	4.1	0	7399	3887	3512	65-69
	70-74	151674	66071	2.7	85603	3.2	0	9302	4657	4645	70-74
	75-79	98548	41799	1.7	56749	2.1		9901	4798	5103	75-79
	80-84	46116	17973	0.7	28143	1.1	46930 M.	7503	3296	4207	80-84
	85+	19869	6420	0.3	13449	0.5	44267 F.	5302	1871	3431	85+
	TOTAL	5099783	2435812		2663971		91197	63760	32236	31524	TOTAL

TABLE 2
MALE LIFE TABLE

x	nq_x	l_x	$n'd_x$	nL_x	$n'm_x$	$n'a_x$	T_x	r_x	i_x	nM_x	x
0	0.042134	100000	4213	96781	0.043536	0.2359	6439222	0.0000	64.392	0.043536	0
1	0.007152	95787	685	381154	0.001797	1.0916	6342442	0.0000	66.214	0.001797	1
5	0.004231	95102	402	474502	0.000848	2.5000	5961288	0.0191	62.683	0.000852	5
10	0.002690	94699	255	472888	0.000539	2.6149	5486786	0.0159	57.939	0.000538	10
15	0.005748	94444	543	470964	0.001153	2.6818	5013897	0.0127	53.088	0.001150	15
20	0.007757	93902	728	467751	0.001557	2.5873	4542933	0.0000	48.380	0.001557	20
25	0.009102	93173	848	463795	0.001828	2.5582	4075183	0.0000	43.738	0.001828	25
30	0.010454	92325	965	459301	0.002101	2.5915	3611387	0.0031	39.116	0.002101	30
35	0.013922	91360	1272	453818	0.002803	2.6554	3152086	0.0000	34.502	0.002803	35
40	0.021246	90088	1914	446078	0.004291	2.7204	2698268	0.0000	29.951	0.004291	40
45	0.037394	88174	3297	433355	0.007609	2.7207	2252190	0.0152	25.543	0.007581	45
50	0.063705	84877	5407	411823	0.013130	2.6769	1818835	0.0243	21.429	0.013064	50
55	0.099263	79470	7888	378727	0.020826	2.6393	1407012	0.0158	17.705	0.020769	55
60	0.149207	71581	10680	332221	0.032149	2.5951	1028285	0.0066	14.365	0.032115	60
65	0.209559	60901	12762	273388	0.046682	2.5618	696064	0.0066	11.429	0.046634	65
70	0.300498	48139	14466	204991	0.070567	2.5319	422676	0.0066	8.780	0.070485	70
75	0.444780	33673	14977	130317	0.114928	2.4596	217685	0.0066	6.465	0.114787	75
80	0.618292	18696	11560	62948	0.183638	2.3587	87368	0.0066	4.673	0.183387	80
85+	*1.000000	7136	7136	24421	0.292229	3.4220	24421	0.0066	3.422	0.291433	85+

TABLE 3
FEMALE LIFE TABLE

x	nq_x	l_x	$n'd_x$	nL_x	$n'm_x$	$n'a_x$	T_x	r_x	i_x	nM_x	x
0	0.032870	100000	3287	97523	0.033705	0.2464	6864721	0.0000	68.647	0.033705	0
1	0.006097	96713	590	385141	0.001531	1.0993	6767198	0.0000	69.972	0.001531	1
5	0.002880	96123	277	479924	0.000577	2.5000	6382057	0.0170	66.394	0.000580	5
10	0.002202	95846	211	478744	0.000441	2.6886	5902132	0.0044	61.579	0.000441	10
15	0.004893	95635	468	477115	0.000981	2.7298	5423388	0.0000	56.709	0.000981	15
20	0.007642	95167	727	474100	0.001534	2.6120	4946274	0.0000	51.974	0.001534	20
25	0.009096	94440	859	470096	0.001827	2.5501	4472173	0.0047	47.355	0.001827	25
30	0.009978	93581	934	465635	0.002005	2.5680	4002077	0.0008	42.766	0.002005	30
35	0.012563	92647	1164	460455	0.002528	2.6096	3536442	0.0000	38.171	0.002528	35
40	0.016901	91483	1546	453776	0.003407	2.6452	3075988	0.0000	33.623	0.003407	40
45	0.024921	89937	2241	444446	0.005043	2.6620	2622211	0.0082	29.156	0.005036	45
50	0.037509	87696	3289	430830	0.007635	2.6744	2177765	0.0143	24.833	0.007614	50
55	0.059176	84407	4995	410384	0.012171	2.6678	1746935	0.0149	20.697	0.012136	55
60	0.092084	79412	7313	379978	0.019245	2.6642	1336552	0.0125	16.831	0.019195	60
65	0.149213	72059	10758	335150	0.032099	2.6440	956573	0.0125	13.267	0.032015	65
70	0.240472	61341	14751	271161	0.054399	2.5903	621423	0.0125	10.131	0.054262	70
75	0.368180	46590	17154	190298	0.090141	2.5135	350262	0.0125	7.518	0.089922	75
80	0.538762	29437	15859	105849	0.149830	2.4530	159964	0.0125	5.434	0.149487	80
85+	1.000000	13577	13577	54115	0.250898	3.9857	54115	0.0125	3.986	0.255111	85+

TABLE 4
OBSERVED AND PROJECTED VITAL RATES

	OBSERVED POPULATION			PROJECTED POPULATION				STABLE POPULATION			
	BOTH SEXES	MALES	FEMALES	1956		1961		1966		MALES	FEMALES
RATES PER THOUSAND				MALES	FEMALES	MALES	FEMALES	MALES	FEMALES		
Birth	17.88	19.27	16.62	18.63	16.17	18.14	15.86	17.95	15.83	17.42	16.44
Death	12.50	13.23	11.83	13.18	12.16	13.16	12.51	13.18	12.80	14.11	13.12
Increase	5.38	6.03	4.78	5.45	4.02	4.98	3.35	4.77	3.02	3.3122	
PERCENTAGE											
under 15	24.64	26.26	23.16	26.56	23.41	26.50	23.45	25.33	22.58	24.23	23.11
15-64	65.38	64.89	65.82	64.95	65.32	65.24	64.97	66.19	65.30	66.25	64.57
65 and over	9.99	8.85	11.02	8.49	11.27	8.26	11.58	8.48	12.12	9.53	12.32
DEP. RATIO X 100	52.96	54.11	51.93	53.96	53.09	53.29	53.92	51.09	53.14	50.95	54.87

AGE AT LAST BIRTHDAY	BOTH SEXES	POPULATION				BIRTHS		DEATHS			AGE AT LAST BIRTHDAY
		MALES		FEMALES		BY AGE OF MOTHER	BOTH SEXES	MALES	FEMALES		
		Number	%	Number	%						
0	91700	46500	1.9	44800	1.7	0	2780	1604	1176	0	
1-4	343300	175500	7.1	167800	6.3	0	382	225	157	1.4	
5-9	461100	236200	9.6	224900	8.4	0	225	134	91	5.9	
10-14	392700	199800	8.1	192900	7.2	7	174	104	70	10-14	
15-19	360700	174200	7.1	186500	7.0	4715	231	150	81	15-19	
20-24	342500	161800	6.6	180700	6.7	28016	297	179	118	20-24	
25-29	358800	176800	7.2	182000	6.8	30106	425	245	180	25-29	
30-34	360600	177500	7.2	183100	6.8	19507	544	310	234	30-34	
35-39	335300	161900	6.6	173400	6.5	9963	727	395	332	35-39	
40-44	355000	171200	7.0	183800	6.9	2797	1172	663	509	40-44	
45-49	357400	173800	7.1	183600	6.8	164	2000	1188	812	45-49	
50-54	332700	159400	6.5	173300	6.5	0	3105	1938	1167	50-54	
55-59	289800	131400	5.3	158400	5.9	0	4335	2657	1678	55-59	
60-64	236600	101900	4.1	134700	5.0	0	5622	3236	2386	60-64	
65-69	193200	80600	3.3	112600	4.2	0	7205	3886	3319	65-69	
70-74	152400	62500	2.5	89900	3.4	0	8811	4439	4372	70-74	
75-79	103400	42100	1.7	61300	2.3	0	9674	4572	5102	75-79	
80-84	54700	21600	0.9	33100	1.2	48941 M.	7998	3533	4465	80-84	
85+	22900	7800	0.3	15100	0.6	46334 F.	5818	2076	3742	85+	
TOTAL	5144800	2462900		2681900		95275	61525	31534	29991	TOTAL	

x	nq_x	l_x	n^d_x	nL_x	n^m_x	n^a_x	T_x	r_x	e_x	nM_x	x
0	0.033176	100000	3318	97431	0.034051	0.2257	6591484	0.0055	65.915	0.034200	0
1	0.005067	96682	490	385301	0.001271	1.0846	6494053	0.0055	67.169	0.001282	1
5	0.002826	96192	272	480283	0.000566	2.5000	6108752	0.0099	63.506	0.000567	5
10	0.002609	95921	250	479007	0.000522	2.6169	5628469	0.0298	58.678	0.000521	10
15	0.004309	95670	412	477379	0.000864	2.6391	5149463	0.0203	53.825	0.000861	15
20	0.005517	95258	526	475027	0.001106	2.5959	4672084	0.0000	49.047	0.001106	20
25	0.006906	94733	654	472089	0.001386	2.5934	4197057	0.0000	44.304	0.001386	25
30	0.008704	94078	819	468444	0.001748	2.6214	3724968	0.0070	39.594	0.001746	30
35	0.012132	93260	1131	463667	0.002440	2.6748	3256524	0.0011	34.919	0.002440	35
40	0.019194	92128	1768	456618	0.003873	2.7250	2792857	0.0000	30.315	0.003873	40
45	0.033656	90360	3041	444907	0.006835	2.7338	2336240	0.0000	25.855	0.006835	45
50	0.059333	87319	5181	424666	0.012200	2.6979	1891333	0.0153	21.660	0.012158	50
55	0.096947	82138	7963	391985	0.020315	2.6512	1466666	0.0239	17.856	0.020221	55
60	0.147765	74175	10960	344658	0.031801	2.6081	1074681	0.0080	14.489	0.031757	60
65	0.215953	63214	13651	282780	0.048275	2.5613	730024	0.0080	11.548	0.048213	65
70	0.302174	49563	14977	210596	0.071116	2.5149	447244	0.0080	9.024	0.071024	70
75	0.425652	34586	14722	135380	0.108743	2.4493	236648	0.0080	6.842	0.108599	75
80	0.573494	19865	11392	69540	0.163821	2.3857	101267	0.0080	5.098	0.163564	80
85+	*1.000000	8472	8472	31727	0.267042	3.7447	31727	0.0080	3.745	0.266154	85+

x	nq_x	l_x	n^d_x	nL_x	n^m_x	n^a_x	T_x	r_x	e_x	nM_x	x
0	0.025609	100000	2561	98004	0.026131	0.2207	7109978	0.0057	71.100	0.026250	0
1	0.003699	97439	360	388704	0.000927	1.0813	7011974	0.0057	71.963	0.000936	1
5	0.002017	97079	196	484904	0.000404	2.5000	6623270	0.0092	68.226	0.000405	5
10	0.001813	96883	176	483978	0.000363	2.5168	6138366	0.0183	63.359	0.000363	10
15	0.002171	96707	210	480340	0.000435	2.6379	5654388	0.0061	58.469	0.000434	15
20	0.003261	96497	315	481754	0.000653	2.6751	5171348	0.0018	53.591	0.000653	20
25	0.004933	96183	475	479788	0.000989	2.6297	4689594	0.0000	48.757	0.000989	25
30	0.006374	95708	610	477105	0.001279	2.6475	4209806	0.0035	43.986	0.001278	30
35	0.009530	95058	906	473367	0.001915	2.6577	3732701	0.0000	39.251	0.001915	35
40	0.013758	94192	1296	467953	0.002769	2.6813	3259335	0.0000	34.603	0.002769	40
45	0.021894	92896	2034	459752	0.004424	2.6762	2791382	0.0014	30.049	0.004423	45
50	0.033199	90862	3016	447293	0.006744	2.6741	2331629	0.0078	25.661	0.006734	50
55	0.051849	87845	4555	428692	0.010625	2.6871	1884336	0.0140	21.451	0.010593	55
60	0.085330	83291	7107	399930	0.017771	2.6751	1455644	0.0152	17.477	0.017713	60
65	0.138210	76183	10529	356101	0.029568	2.6431	1055714	0.0152	13.858	0.029476	65
70	0.218408	65654	14339	293928	0.048785	2.6050	699613	0.0152	10.656	0.048632	70
75	0.346015	51215	17756	212699	0.083478	2.5289	405685	0.0152	7.906	0.083230	75
80	0.500780	33559	16806	124257	0.135250	2.4876	192987	0.0152	5.751	0.134894	80
85+	1.000000	16753	16753	68730	0.243756	4.1025	68730	0.0152	4.102	0.247815	85+

	OBSERVED POPULATION			PROJECTED POPULATION				STABLE POPULATION			
	BOTH SEXES	MALES	FEMALES	1961		1966		1971			
RATES PER THOUSAND				MALES	FEMALES	MALES	FEMALES	MALES	FEMALES	MALES	FEMALES
Birth	18.52	19.87	17.28	19.34	16.91	19.19	16.89	19.69	17.46	19.42	18.27
Death	11.96	12.80	11.18	12.85	11.68	12.78	11.97	12.80	12.21	12.17	11.01
Increase	6.56	7.07	6.09	6.49	5.23	6.41	4.92	6.89	5.24		7.2539
PERCENTAGE											
under 15	25.05	26.73	23.51	27.23	24.01	26.50	23.55	26.69	23.88	26.54	25.20
15-64	64.71	64.55	64.86	64.32	63.97	64.91	63.90	64.27	63.09	65.11	63.52
65 and over	10.24	8.71	11.63	8.45	12.03	8.59	12.56	9.04	13.03	8.35	11.29
DEP. RATIO X 100	54.53	54.91	54.18	55.47	56.34	54.06	56.50	55.60	58.50	53.59	57.44

AGE AT LAST BIRTHDAY	BOTH SEXES	POPULATION				BIRTHS		DEATHS		AGE AT LAST BIRTHDAY
		MALES		FEMALES		BY AGE OF MOTHER	BOTH SEXES	MALES	FEMALES	
		Number	%	Number	%					
0	96900	49100	2.0	47800	1.8	0	2685	1578	1107	0
1-4	372300	190500	7.7	181800	6.7	0	392	222	170	1-4
5-9	419000	213800	8.6	205200	7.6	0	201	121	80	5-9
10-14	445000	227800	9.2	217200	8.1	13	165	102	63	10-14
15-19	373800	187300	7.5	186500	6.9	6436	218	146	72	15-19
20-24	340700	163600	6.6	177100	6.6	31741	272	185	87	20-24
25-29	333400	164500	6.6	168900	6.3	31768	317	199	118	25-29
30-34	337800	165200	6.6	172600	6.4	19502	426	257	169	30-34
35-39	343300	167900	6.8	175400	6.5	9963	719	414	305	35-39
40-44	321700	154800	6.2	166900	6.2	2674	1056	599	457	40-44
45-49	341800	164100	6.6	177700	6.6	167	1797	1049	748	45-49
50-54	340300	164000	6.6	176300	6.5	0	3086	1937	1149	50-54
55-59	310400	146000	5.9	164400	6.1	0	4645	2959	1686	55-59
60-64	261800	115200	4.6	146600	5.4	0	6152	3723	2429	60-64
65-69	201900	82600	3.3	119300	4.4	0	7461	4092	3369	65-69
70-74	152600	59400	2.4	93200	3.5	0	8795	4412	4383	70-74
75-79	106000	40100	1.6	65900	2.4	0	9529	5336	5193	75-79
80-84	57300	21300	0.9	36000	1.3	52614 M.	8441	3644	4797	80-84
85+	27800	10100	0.4	17700	0.7	49650 F.	6602	2425	4177	85+
TOTAL	5183800	2487300		2696500		102264	62959	32400	30559	TOTAL

<i>x</i>	nq_x	l_x	n^d_x	nL_x	n^m_x	n^o_x	T_x	r_x	\dot{e}_x	nM_x	<i>z</i>
0	0.031307	100000	3131	97566	0.032088	0.2226	6614360	0.0020	66.144	0.032138	0
1	0.004631	96869	449	386168	0.001162	1.0825	6516794	0.0020	67.274	0.001165	1
5	0.002823	96421	272	481423	0.000565	2.5000	6130626	0.0043	63.582	0.000566	5
10	0.002239	96148	215	480226	0.000448	2.5999	5649203	0.0127	58.755	0.000448	10
15	0.003913	95933	375	478795	0.000784	2.6798	5168977	0.0323	53.881	0.000779	15
20	0.005644	95558	539	476482	0.001132	2.5763	4690182	0.0119	49.082	0.001131	20
25	0.006031	95018	573	473700	0.001210	2.5700	4213701	0.0000	44.346	0.001210	25
30	0.007750	94445	732	470517	0.001556	2.6641	3740001	0.0000	39.600	0.001556	30
35	0.012268	93713	1150	465910	0.002468	2.6890	3269484	0.0040	34.888	0.002466	35
40	0.019177	92564	1775	458737	0.003870	2.7008	2803574	0.0000	30.288	0.003870	40
45	0.031507	90789	2860	447475	0.006392	2.7390	2344836	0.0000	25.827	0.006392	45
50	0.057502	87928	5056	428080	0.011811	2.7134	1897361	0.0000	21.579	0.011811	50
55	0.097019	82872	8040	395549	0.020327	2.6602	1469281	0.0144	17.729	0.020267	55
60	0.150206	74832	11240	347316	0.032363	2.6118	1073733	0.0078	14.349	0.032318	60
65	0.221277	63592	14071	283674	0.049604	2.5635	726417	0.0078	11.423	0.049540	65
70	0.313628	45520	15531	208845	0.074366	2.5045	442742	0.0078	8.941	0.074276	70
75	0.423967	33589	14410	133099	0.108269	2.4429	233897	0.0078	6.881	0.108130	75
80	0.591587	19579	11583	67602	0.171336	2.3846	100798	0.0078	5.148	0.171079	80
85+	*1.000000	7996	7996	33196	0.240881	4.1514	33196	0.0078	4.151	0.240099	85+

<i>x</i>	nq_x	l_x	n^d_x	nL_x	n^m_x	n^o_x	T_x	r_x	\dot{e}_x	nM_x	<i>z</i>
0	0.022681	100000	2268	98263	0.023082	0.2340	7190700	0.0042	71.907	0.023159	0
1	0.003708	97732	362	389873	0.000930	1.0902	7092437	0.0042	72.570	0.000935	1
5	0.001945	97370	189	486374	0.000389	2.5000	6702564	0.0050	68.836	0.000390	5
10	0.001449	97180	141	485548	0.000290	2.4973	6216189	0.0092	63.966	0.000290	10
15	0.001933	97039	188	484748	0.000387	2.6078	5730641	0.0200	59.055	0.000386	15
20	0.002456	96852	238	483695	0.000492	2.6309	5245893	0.0094	54.164	0.000491	20
25	0.003488	96614	337	482275	0.000699	2.6436	4762198	0.0019	49.291	0.000699	25
30	0.004885	96277	470	480311	0.000979	2.7184	4279923	0.0000	44.454	0.000979	30
35	0.008663	95867	830	477129	0.001739	2.7063	3799611	0.0016	39.659	0.001739	35
40	0.013604	94977	1292	471887	0.002738	2.6810	3322482	0.0000	34.982	0.002738	40
45	0.020843	93685	1953	463885	0.004209	2.6764	2850596	0.0000	30.428	0.004209	45
50	0.032107	91732	2945	451817	0.006519	2.6769	2386710	0.0010	26.018	0.006517	50
55	0.050161	88787	4454	433592	0.010271	2.6780	1934893	0.0078	21.793	0.010255	55
60	0.080032	84323	6749	406011	0.016624	2.6806	1501301	0.0152	17.802	0.016569	60
65	0.132817	77584	10304	363722	0.028331	2.6518	1095291	0.0152	14.118	0.028240	65
70	0.211932	67279	14259	302258	0.047174	2.6058	731569	0.0152	10.874	0.047028	70
75	0.330874	53021	17543	221949	0.079041	2.5401	429311	0.0152	8.097	0.078801	75
80	0.497128	35478	17637	131990	0.133623	2.5035	207362	0.0152	5.845	0.133250	80
85+	1.000000	17841	17841	75372	0.236701	4.2247	75372	0.0152	4.225	0.235988	85+

RATES PER THOUSAND	OBSERVED POPULATION			PROJECTED POPULATION				STABLE POPULATION			
	BOTH SEXES	MALES	FEMALES	1966		1971		1976		MALES	FEMALES
Birth	19.73	21.15	18.41	21.00	18.39	21.52	18.98	21.61	19.23	22.19	20.92
Death	12.15	13.03	11.33	12.88	11.71	12.73	11.90	12.60	11.98	10.58	9.31
Increase	7.58	8.13	7.08	8.12	6.68	8.78	7.08	9.01	7.25	11.6102	
PERCENTAGE											
under 15	25.72	27.39	24.18	27.43	24.36	28.41	25.37	28.90	25.97	29.44	28.03
15-64	63.76	64.03	63.50	63.94	62.79	62.63	61.38	61.93	60.57	63.64	62.26
65 and over	10.53	8.58	12.32	8.63	12.85	8.96	13.25	9.17	13.46	6.92	9.72
DEP. RATIO X 100	56.85	56.18	57.47	56.40	59.26	59.66	62.92	61.47	65.10	57.13	60.63

AGE AT LAST BIRTHDAY	BOTH SEXES	POPULATION				BIRTHS		DEATHS		AGE AT LAST BIRTHDAY
		MALES		FEMALES		BY AGE OF MOTHER	BOTH SEXES	MALES	FEMALES	
		Number	%	Number	%					
0	99700	51200	2.0	48500	1.8	0	2624	1512	1112	0
1-4	382100	195600	7.8	186500	6.9	0	408	236	172	1-4
5-9	435200	222500	8.9	212700	7.9	0	199	135	64	5-9
10-14	414400	212200	8.5	202200	7.5	13	150	100	50	10-14
15-19	414000	208700	8.3	205300	7.6	7355	235	169	66	15-19
20-24	339400	165600	6.6	173800	6.4	31888	266	180	86	20-24
25-29	322800	158500	6.4	163900	6.1	32051	328	197	131	25-29
30-34	324800	159700	6.4	165100	6.1	19306	419	232	187	30-34
35-39	330600	161800	6.5	168800	6.2	9290	722	428	294	35-39
40-44	345100	167300	6.7	177800	6.6	2647	1143	641	502	40-44
45-49	309700	147100	5.9	162600	6.0	141	1774	1066	708	45-49
50-54	340100	163200	6.5	176900	6.5	0	3100	1934	1166	50-54
55-59	315500	148900	6.0	166600	6.2	0	4832	3124	1708	55-59
60-64	274200	123200	4.9	151000	5.6	0	6814	4184	2630	60-64
65-69	206700	83400	3.3	123300	4.6	0	7919	4430	3489	65-69
70-74	157200	60500	2.4	96700	3.6	0	9083	4649	4434	70-74
75-79	106300	35400	1.6	66900	2.5	0	9752	4496	5256	75-79
80-84	58100	20800	0.8	37300	1.4	52669 M.	8752	3743	5009	80-84
85+	28900	9500	0.4	19400	0.7	50022 F.	7001	2637	4364	85+
TOTAL	5204800	2499500		2705300		102691	65521	34093	31428	TOTAL

x	nq_x	l_x	n^d_x	nL_x	nM_x	n^a_x	T_x	r_x	i_x	nM_x	x
0	0.028800	100000	2880	97797	0.029448	0.2351	6581550	0.0036	65.815	0.029531	0
1	0.004786	97120	465	387128	0.001201	1.0910	6483752	0.0036	66.760	0.001207	1
5	0.003020	96655	292	482546	0.000605	2.5000	6096625	0.0143	63.076	0.000607	5
10	0.002355	96363	227	481270	0.000472	2.5901	5614078	0.0058	58.260	0.000471	10
15	0.004057	96136	390	479768	0.000813	2.6566	5132809	0.0240	53.391	0.000810	15
20	0.005432	95746	520	477473	0.001089	2.5796	4653041	0.0262	48.598	0.001087	20
25	0.006181	95226	589	474694	0.001240	2.5584	4175568	0.0024	43.849	0.001240	25
30	0.007239	94638	685	471610	0.001453	2.6966	3700874	0.0000	39.106	0.001453	30
35	0.013146	93953	1235	466900	0.002645	2.6819	3229263	0.0000	34.371	0.002645	35
40	0.019017	92717	1763	459598	0.003836	2.7371	2762364	0.0052	29.793	0.003831	40
45	0.035643	90954	3242	447354	0.007247	2.7118	2302766	0.0000	25.318	0.007247	45
50	0.057685	87712	5060	426962	0.011850	2.7073	1855413	0.0000	21.153	0.011850	50
55	0.100139	82653	8277	393955	0.021009	2.6671	1428451	0.0065	17.283	0.020981	55
60	0.157301	74376	11699	343980	0.034012	2.6152	1034496	0.0080	13.909	0.033961	60
65	0.235307	62677	14748	277295	0.053186	2.5531	690516	0.0080	11.017	0.053117	65
70	0.322517	47928	15458	200914	0.076937	2.4946	413221	0.0080	8.622	0.076843	70
75	0.441882	32471	14348	125569	0.114266	2.4363	212307	0.0080	6.538	0.114112	75
80	0.610853	18122	11070	61417	0.180246	2.3627	86738	0.0080	4.786	0.179953	80
85+	1.000000	7052	7052	25322	0.278509	3.5906	25322	0.0080	3.591	0.277579	85+

x	nq_x	l_x	n^d_x	nL_x	nM_x	n^a_x	T_x	r_x	i_x	nM_x	x
0	0.022477	100000	2248	98278	0.022871	0.2337	7189271	0.0031	71.893	0.022928	0
1	0.003663	97752	358	389967	0.000918	1.0900	7090994	0.0031	72.540	0.000922	1
5	0.001495	97394	146	486607	0.000299	2.5000	6701027	0.0146	68.803	0.000301	5
10	0.001236	97249	120	485945	0.000247	2.5187	6214419	0.0033	63.902	0.000247	10
15	0.001610	97128	156	485277	0.000322	2.6606	5728474	0.0148	58.978	0.000321	15
20	0.002482	96972	241	484307	0.000497	2.6988	5243198	0.0220	54.069	0.000495	20
25	0.003992	96731	386	482755	0.000800	2.6637	4758891	0.0043	49.197	0.000799	25
30	0.005648	96345	544	480459	0.001133	2.6703	4276136	0.0000	44.383	0.001133	30
35	0.008674	95801	831	477092	0.001742	2.6976	3795678	0.0000	39.620	0.001742	35
40	0.014028	94970	1332	471767	0.002824	2.6857	3318586	0.0008	34.943	0.002823	40
45	0.021553	93638	2018	463486	0.004354	2.6695	2846818	0.0000	30.402	0.004354	45
50	0.032458	91620	2974	451170	0.006591	2.6699	2383332	0.0000	26.013	0.006591	50
55	0.050127	88646	4444	432974	0.010263	2.6919	1932162	0.0049	21.796	0.010252	55
60	0.083922	84202	7066	404557	0.017467	2.6714	1499188	0.0137	17.805	0.017417	60
65	0.132957	77136	10256	361454	0.028374	2.6379	1094632	0.0137	14.191	0.028297	65
70	0.207140	66880	13854	301277	0.045983	2.6090	733177	0.0137	10.963	0.045853	70
75	0.330120	53027	17505	222184	0.078787	2.5465	431900	0.0137	8.145	0.078565	75
80	0.499939	35521	17759	131904	0.134632	2.5030	209716	0.0137	5.904	0.134290	80
85+	1.000000	17763	17763	77811	0.228281	4.3806	77811	0.0137	4.381	0.224947	85+

RATES PER THOUSAND	OBSERVED POPULATION			PROJECTED POPULATION				STABLE POPULATION			
	BOTH SEXES	MALES	FEMALES	1968		1973		1978		MALES	FEMALES
				MALES	FEMALES	MALES	FEMALES	MALES	FEMALES		
Birth	19.73	21.07	18.49	21.59	19.03	21.95	19.47	22.06	19.73	22.96	21.63
Death	12.59	13.64	11.62	13.26	11.93	12.99	12.05	12.72	12.07	10.30	8.97
Increase	7.14	7.43	6.87	8.33	7.10	8.96	7.42	9.34	7.67		12.6657
PERCENTAGE											
under 15	25.58	27.27	24.02	28.13	24.94	29.03	25.94	29.48	26.58	30.30	28.78
15-64	63.71	64.19	63.28	63.20	61.83	62.09	60.54	61.62	59.82	63.38	61.93
65 and over	10.71	8.55	12.70	8.67	13.23	8.88	13.53	8.91	13.61	6.32	9.29
DEP. RATIO X 100	56.95	55.79	58.04	58.23	61.74	61.06	65.19	62.29	67.18	57.77	61.47