

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		MALES	FEMALES	
		Number	%	Number	%					
0	183227	92639	2.9	90588	2.7					
1-4	686214	344909	10.6	341305	10.2	0	27145	14740	12405	0
5-9	869260	437730	13.5	431530	12.9	0	7171	3589	3582	1-4
10-14	725862	365773	11.3	360089	10.7	0	1399	752	647	5-9
15-19	638152	313843	9.7	324309	9.7	539	971	522	449	10-14
20-24	639396	306355	9.5	333041	9.9	21544	1434	769	665	15-19
25-29	498211	237044	7.3	261167	7.8	58365	1922	1034	888	20-24
30-34	424043	206628	6.4	217415	6.5	56892	2054	1098	956	25-29
35-39	419251	199487	6.2	219764	6.5	38918	2126	1164	962	30-34
40-44	359356	182321	5.6	177035	5.3	25789	2350	1313	1037	35-39
45-49	290432	142034	4.4	148398	4.4	11294	2789	1672	1117	40-44
50-54	257288	127693	3.9	129595	3.9	1903	2989	1793	1196	45-49
55-59	179122	88170	2.7	90952	2.7	449	3490	2052	1438	50-54
60-64	163974	76758	2.4	87216	2.6	0	3773	2234	1539	55-59
65-69	103548	49477	1.5	54071	1.6	0	4484	2547	1937	60-64
70-74	80842	36296	1.1	44546	1.3	0	4766	2616	2150	65-69
75-79	47758	20132	0.6	27626	0.8	0	5059	2623	2446	70-74
80-84	23153	9033	0.3	14120	0.4	109234 M.	4193	1984	2209	75-79
85+	7939	2819	0.1	5120	0.2	106459 F.	3146	1327	1819	80-84
TOTAL	6597028	3239141		3357887			84147	44842	39305	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	0.142748	100000	14275	89715	0.159112	0.2795	5204031	0.0000	52.040	0.159112	0
1	0.040415	85725	3465	332950	0.010406	1.1280	5114316	0.0000	59.659	0.010406	1
5	0.008447	82261	695	409566	0.001697	2.5000	4781365	0.0140	58.125	0.001718	5
10	0.007136	81566	582	406435	0.001432	2.6053	4371799	0.0316	53.598	0.001427	10
15	0.012212	80984	989	402605	0.002456	2.6604	3965364	0.0153	48.965	0.002450	15
20	0.016797	79995	1344	396785	0.003386	2.6269	3562759	0.0246	44.537	0.003375	20
25	0.022985	78651	1808	388901	0.004648	2.5914	3165974	0.0348	40.253	0.004632	25
30	0.027807	76843	2137	379003	0.005638	2.5599	2777073	0.0116	36.139	0.005633	30
35	0.032417	74707	2422	367711	0.006586	2.5961	2398070	0.0056	32.100	0.006582	35
40	0.045019	72285	3254	353667	0.009201	2.6163	2030359	0.0246	28.088	0.009171	40
45	0.061409	69031	4239	334926	0.012657	2.5876	1676692	0.0231	24.289	0.012624	45
50	0.077745	64791	5037	311972	0.016146	2.6208	1341766	0.0303	20.709	0.016070	50
55	0.119807	59754	7159	281514	0.025430	2.5894	1029794	0.0261	17.234	0.025337	55
60	0.154187	52595	8110	243387	0.033319	2.5845	748280	0.0262	14.227	0.033182	60
65	0.234833	44486	10447	196796	0.053084	2.5463	504893	0.0262	11.350	0.052873	65
70	0.306476	34039	10432	143879	0.072506	2.4774	308097	0.0262	9.051	0.072267	70
75	0.394581	23607	9315	94168	0.098917	2.4378	164218	0.0262	6.956	0.098550	75
80	0.535414	14292	7652	51772	0.147803	2.4272	70050	0.0262	4.901	0.146905	80
85+	*1.000000	6640	6640	18278	0.363274	2.7527	18278	0.0262	2.753	0.359347	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	0.124921	100000	12492	91224	0.136939	0.2975	5656022	0.0000	56.560	0.136939	0
1	0.040759	87508	3567	339855	0.010495	1.1467	5564799	0.0000	63.592	0.010495	1
5	0.007356	83941	617	418162	0.001477	2.5000	5224944	0.0145	62.245	0.001499	5
10	0.006232	83324	519	415368	0.001250	2.5915	4806782	0.0271	57.688	0.001247	10
15	0.010212	82804	846	412027	0.002052	2.6402	4391414	0.0058	53.034	0.002051	15
20	0.013279	81959	1088	407204	0.002673	2.6201	3979387	0.0189	48.553	0.002666	20
25	0.018213	80871	1473	400806	0.003675	2.5920	3572183	0.0390	44.172	0.003660	25
30	0.021899	79398	1739	392712	0.004428	2.5408	3171377	0.0129	39.943	0.004425	30
35	0.023356	77659	1814	383891	0.004725	2.5720	2778664	0.0155	35.780	0.004719	35
40	0.031187	75845	2365	373541	0.006332	2.5968	2394774	0.0330	31.575	0.006309	40
45	0.039643	73480	2913	360423	0.008082	2.6053	2021233	0.0229	27.507	0.008059	45
50	0.054382	70567	3838	343767	0.011163	2.6373	1660810	0.0372	23.535	0.011096	50
55	0.081551	66729	5442	320595	0.016974	2.6018	1317043	0.0230	19.737	0.016921	55
60	0.105985	61287	6496	291143	0.022310	2.6455	996448	0.0231	16.259	0.022209	60
65	0.182087	54792	9977	249927	0.039919	2.5912	705305	0.0231	12.872	0.039763	65
70	0.242413	44815	10864	197202	0.055099	2.5264	455378	0.0231	10.161	0.054910	70
75	0.334367	33951	11352	141418	0.080274	2.5037	258176	0.0231	7.604	0.079961	75
80	0.489695	22599	11067	85366	0.129637	2.5034	116758	0.0231	5.166	0.128824	80
85+	*1.000000	11532	11532	31391	0.367376	2.7220	31391	0.0231	2.722	0.363867	85+

TABLE 4
OBSERVED AND PROJEC-TED VITAL RATES

RATES PER THOUSAND	OBSERVED POPULATION			PROJECTED POPULATION				STABLE POPULATION			
	BOTH SEXES	MALES	FEMALES	1959		1964		1969		MALES	FEMALES
Birth	32.70	33.72	31.70	33.88	31.83	33.78	31.72	33.68	31.61	32.20	30.41
Death	12.76	13.84	11.71	14.05	11.89	14.18	12.04	14.29	12.19	15.20	13.41
Increase	19.94	19.88	20.00	19.83	19.94	19.60	19.68	19.38	19.42		16.9999
PERCENTAGE											
under 15	37.36	38.31	36.44	37.64	35.92	36.29	34.72	36.39	34.87	35.24	33.98
15-64	58.65	58.05	59.23	58.54	59.46	59.96	60.74	59.63	60.29	60.04	59.85
65 and over	3.99	3.64	4.33	3.81	4.62	3.75	4.55	3.99	4.84	4.72	6.17
DEP. RATIO X 100	70.50	72.26	68.83	70.82	68.19	66.77	64.65	67.71	65.86	66.55	67.08

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	239818	122787	3.2	117031	3.0	0	32478	17646	14832	0	
1-4	928329	468806	12.3	459523	11.7	0	7761	3906	3835	1-4	
5-9	1036634	522463	13.8	514171	13.1	0	1514	834	680	5-9	
10-14	874177	437963	11.5	436214	11.1	626	952	540	412	10-14	
15-19	750399	366945	9.7	383454	9.7	27593	1332	734	598	15-19	
20-24	642094	311416	8.2	330678	8.4	66091	1725	977	748	20-24	
25-29	556998	270144	7.1	286854	7.3	67899	1964	1112	852	25-29	
30-34	487373	235401	6.2	251972	6.4	54431	2336	1334	1002	30-34	
35-39	433220	207946	5.5	225274	5.7	30836	2399	1383	1016	35-39	
40-44	386804	186053	4.9	200751	5.1	11679	2732	1663	1069	40-44	
45-49	355860	173660	4.6	182200	4.6	1851	3219	1963	1256	45-49	
50-54	301707	146931	3.9	154776	3.9	394	3681	2244	1437	50-54	
55-59	224346	111949	2.9	112397	2.9	0	4203	2482	1721	55-59	
60-64	193402	88578	2.3	104824	2.7	0	4944	2830	2114	60-64	
65-69	130902	61864	1.6	69038	1.8	0	5133	2855	2278	65-69	
70-74	92702	41885	1.1	50817	1.3	0	5467	2897	2570	70-74	
75-79	58675	25016	0.7	33659	0.9	0	4789	2342	2447	75-79	
80-84	30926	12245	0.3	18681	0.5	132819 M.	3561	1567	1994	80-84	
85+	11710	4228	0.1	7482	0.2	128581 F.	3604	1241	2363	85+	
TOTAL	7736076	3796280		3939796		261400	93774	50550	43224	TOTAL	

TABLE 2
MALE LIFE TABLE

x	nq_x	l_x	$n d_x$	$n L_x$	$n m_x$	$n a_x$	T_x	r_x	i_x	$n M_x$	z
0	0.130026	100000	13003	90477	0.143712	0.2675	5417016	0.0000	54.170	0.143712	0
1	0.032545	86997	2831	339826	0.008332	1.1168	5326539	0.0000	61.226	0.008332	1
5	0.007789	84166	656	419191	0.001564	2.5000	4986713	0.0268	59.249	0.001596	5
10	0.006162	83510	515	416302	0.001236	2.5712	4567522	0.0339	54.694	0.001233	10
15	0.010019	82996	831	413061	0.002013	2.6928	4151219	0.0320	50.017	0.002000	15
20	0.015630	82164	1284	407782	0.003149	2.6333	3738158	0.0275	45.496	0.003137	20
25	0.020443	80880	1653	400462	0.004129	2.6177	3330376	0.0237	41.177	0.004116	25
30	0.028005	79227	2219	390768	0.005678	2.5818	2929914	0.0206	36.981	0.005667	30
35	0.032782	77008	2524	378946	0.006662	2.5861	2539146	0.0166	32.973	0.006651	35
40	0.043791	74483	3262	364555	0.008947	2.5894	2160200	0.0091	29.002	0.008938	40
45	0.055094	71222	3924	346657	0.011319	2.5911	1795645	0.0120	25.212	0.011304	45
50	0.073963	67298	4978	324600	0.015334	2.6114	1448989	0.0280	21.531	0.015272	50
55	0.105689	62320	6587	295827	0.022265	2.6051	1124389	0.0279	18.042	0.022171	55
60	0.148911	55734	8299	258606	0.032093	2.5826	828561	0.0299	14.866	0.031949	60
65	0.208262	47434	9879	213062	0.046366	2.5594	569955	0.0299	12.016	0.046150	65
70	0.295954	37556	11115	160019	0.069459	2.5025	356894	0.0299	9.503	0.069166	70
75	0.378604	26441	10011	106523	0.093976	2.4346	196875	0.0299	7.446	0.093620	75
80	0.485283	16430	7973	61894	0.128822	2.4594	90352	0.0299	5.499	0.127970	80
85+	*1.000000	8457	8457	28457	0.297179	3.3650	28457	0.0299	3.365	0.293519	85+

TABLE 3
FEMALE LIFE TABLE

x	nq_x	l_x	$n d_x$	$n L_x$	$n m_x$	$n a_x$	T_x	r_x	i_x	$n M_x$	z
0	0.116164	100000	11616	91659	0.126736	0.2819	5919359	0.0000	59.194	0.126736	0
1	0.032602	88384	2881	345266	0.008346	1.1303	5827701	0.0000	65.936	0.008346	1
5	0.006435	85502	550	426135	0.001291	2.5000	5482435	0.0248	64.120	0.001323	5
10	0.004719	84952	401	423780	0.000946	2.5570	5056300	0.0282	59.520	0.000944	10
15	0.007805	84551	660	421219	0.001567	2.6724	4632520	0.0261	54.790	0.001560	15
20	0.011289	83891	947	417206	0.002270	2.6247	4211301	0.0268	50.200	0.002262	20
25	0.014788	82944	1227	411792	0.002979	2.6129	3794095	0.0241	45.743	0.002970	25
30	0.019725	81717	1612	404675	0.003983	2.5726	3382303	0.0203	41.390	0.003977	30
35	0.022329	80106	1789	396150	0.004515	2.5524	2977628	0.0182	37.171	0.004510	35
40	0.026324	78317	2062	386598	0.005333	2.5811	2581479	0.0158	32.962	0.005325	40
45	0.033984	76255	2591	375070	0.006909	2.6052	2194881	0.0190	28.783	0.006894	45
50	0.045748	73664	3370	360440	0.009350	2.6619	1819811	0.0382	24.704	0.009284	50
55	0.074117	70294	5210	339053	0.015366	2.6168	1459371	0.0241	20.761	0.015312	55
60	0.096675	65084	6292	310486	0.020265	2.6266	1120318	0.0281	17.213	0.020167	60
65	0.153672	58792	9035	272404	0.031677	2.6141	809832	0.0281	13.775	0.032996	65
70	0.225903	49757	11240	221280	0.050797	2.5529	537429	0.0281	10.801	0.050574	70
75	0.308733	38517	11891	162878	0.073008	2.5019	316149	0.0281	8.208	0.072700	75
80	0.426239	26625	11349	105460	0.107612	2.5621	153270	0.0281	5.757	0.106739	80
85+	*1.000000	15277	15277	47810	0.319528	3.1295	47810	0.0281	3.130	0.315825	85+

TABLE 4
OBSERVED AND PROJECTED VITAL RATES

	OBSERVED POPULATION			PROJECTED POPULATION				STABLE POPULATION			
	BOTH SEXES	MALES	FEMALES	1965		1970		1975			
RATES PER THOUSAND				MALES	FEMALES	MALES	FEMALES	MALES	FEMALES	MALES	FEMALES
Birth	33.79	34.99	32.64	35.38	33.02	35.00	33.63	36.63	34.27	35.34	33.53
Death	12.12	13.32	10.97	13.00	10.78	13.11	10.96	13.19	11.12	13.54	11.73
Increase	21.67	21.67	21.67	22.38	22.24	22.89	22.67	23.43	23.14		21.7963
PERCENTAGE											
under 15	39.80	40.88	38.76	40.21	38.04	39.14	37.08	38.51	36.62	38.19	36.84
15-64	56.00	55.29	56.68	55.84	57.05	56.87	58.03	57.37	58.23	57.71	57.70
65 and over	4.20	3.83	4.56	3.95	4.91	3.99	4.90	4.12	5.15	4.10	5.46
DEP. RATIO X 100	78.57	80.86	76.42	79.08	75.29	75.84	72.33	74.31	71.75	73.29	73.30

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	255009	130651	3.3	124358	3.0	0	33149	18119	15030	0
1-4	977079	493453	12.3	483626	11.7	0	7385	3721	3664	1-4
5-9	1088073	548672	13.7	539401	13.0	0	1457	776	681	5-9
10-14	920643	461094	11.5	459549	11.1	616	887	514	373	10-14
15-19	788335	385772	9.7	402563	9.7	29191	1288	754	534	15-19
20-24	678555	328895	8.2	349660	8.4	70682	1732	1006	726	20-24
25-29	587440	284718	7.1	302722	7.3	69162	1769	990	779	25-29
30-34	514880	248604	6.2	266276	6.4	58333	2598	1502	1096	30-34
35-39	458224	219889	5.5	238335	5.7	32138	2554	1526	1028	35-39
40-44	407088	195702	4.9	211386	5.1	12213	2974	1810	1164	40-44
45-49	373183	182008	4.6	191175	4.6	1799	3497	2230	1267	45-49
50-54	314318	153183	3.8	161135	3.9	306	4068	2529	1539	50-54
55-59	234137	116737	2.9	117400	2.8	0	4192	2474	1718	55-59
60-64	201667	92329	2.3	109338	2.6	0	5134	2987	2147	60-64
65-69	140289	66685	1.7	73604	1.8	0	5112	2864	2248	65-69
70-74	98946	44739	1.1	54207	1.3	0	5237	2822	2415	70-74
75-79	62359	26424	0.7	35935	0.9	0	4749	2381	2368	75-79
80-84	32733	12764	0.3	19969	0.5	139715 M.	3634	1570	2064	80-84
85+	12350	4339	0.1	8011	0.2	134725 F.	3458	1221	2237	85+
TOTAL	8145308	3996658		4148650		274440	94874	51796	43078	TOTAL

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	0.125791	100000	12579	90705	0.138682	0.2610	5476106	0.0000	54.761	0.138682	0
1	0.029520	87421	2581	342228	0.007541	1.1111	5385401	0.0000	61.603	0.007541	1
5	0.006899	84840	585	422738	0.001385	2.5000	5043173	0.0273	59.443	0.001414	5
10	0.005579	84255	470	420148	0.001119	2.6042	4620435	0.0339	54.839	0.001115	10
15	0.009793	83785	820	417038	0.001967	2.7014	4200287	0.0318	50.132	0.001955	15
20	0.015225	82964	1263	411788	0.003068	2.5980	3783248	0.0275	45.601	0.003059	20
25	0.017318	81701	1415	405205	0.003492	2.6669	3371460	0.0240	41.266	0.003477	25
30	0.029850	80286	2397	395700	0.006056	2.6084	2966255	0.0202	36.946	0.006042	30
35	0.034179	77890	2662	383004	0.006951	2.5791	2570555	0.0167	33.002	0.006940	35
40	0.045289	75228	3407	367958	0.009259	2.5989	2187551	0.0096	29.079	0.009249	40
45	0.059593	71821	4280	348814	0.012270	2.5959	1819593	0.0120	25.335	0.012252	45
50	0.079614	67541	5377	324680	0.016561	2.5780	1470780	0.0279	21.776	0.016510	50
55	0.101234	62163	6293	295718	0.021280	2.6006	1146100	0.0280	18.437	0.021193	55
60	0.150650	55870	8417	258928	0.032507	2.5734	850382	0.0344	15.221	0.032352	60
65	0.195099	47454	9258	214548	0.043152	2.5460	591454	0.0344	12.464	0.042948	65
70	0.273905	38195	10462	165019	0.063398	2.5188	376906	0.0344	9.868	0.063077	70
75	0.367912	27733	10203	112703	0.090534	2.4554	211887	0.0344	7.640	0.090108	75
80	0.472103	17530	8276	66762	0.123962	2.4761	99183	0.0344	5.658	0.123002	80
85+	*1.000000	9254	9254	32421	0.285433	3.5035	32421	0.0344	3.503	0.281401	85+

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	0.111148	100000	11115	91964	0.120861	0.2770	6035712	0.0000	60.357	0.120861	0
1	0.029659	88885	2636	347963	0.007576	1.1255	5943749	0.0000	66.870	0.007576	1
5	0.006148	86249	530	429919	0.001233	2.5000	5595786	0.0252	64.879	0.001263	5
10	0.004053	85719	347	427733	0.000812	2.5223	5165866	0.0282	60.265	0.000812	10
15	0.006646	85371	567	425549	0.001333	2.6952	4738134	0.0260	55.500	0.001326	15
20	0.010365	84804	879	421928	0.002083	2.6209	4312585	0.0265	50.854	0.002076	20
25	0.012840	83925	1078	417100	0.002584	2.6570	3890657	0.0244	46.359	0.002573	25
30	0.020413	82847	1691	410145	0.004123	2.5809	3473557	0.0201	41.927	0.004116	30
35	0.021367	81156	1734	401543	0.004319	2.5564	3063412	0.0185	37.747	0.004313	35
40	0.027209	79422	2161	391873	0.005515	2.5764	2661868	0.0166	33.515	0.005507	40
45	0.032703	77261	2527	380270	0.006644	2.6115	2269995	0.0202	29.381	0.006627	45
50	0.047010	74734	3513	365415	0.009614	2.6498	1889725	0.0387	25.286	0.009551	50
55	0.070935	71221	5052	344043	0.014684	2.6124	1524310	0.0242	21.402	0.014634	55
60	0.094275	66169	6238	315983	0.019742	2.6175	1180267	0.0333	17.837	0.019636	60
65	0.143007	59931	8571	279089	0.030709	2.6004	864284	0.0333	14.421	0.030542	65
70	0.201876	51360	10368	231528	0.044783	2.5624	585195	0.0333	11.394	0.044551	70
75	0.284789	40992	11674	176162	0.066269	2.5332	353667	0.0333	8.628	0.065897	75
80	0.417117	29318	12229	117145	0.104392	2.5922	177505	0.0333	6.054	0.103360	80
85+	*1.000000	17089	17089	60360	0.283118	3.5321	60360	0.0333	3.532	0.279241	85+

RATES PER THOUSAND	OBSERVED POPULATION			PROJECTED POPULATION				STABLE POPULATION			
	BOTH SEXES	MALES	FEMALES	MALES 1967	FEMALES 1967	MALES 1972	FEMALES 1972	MALES 1977	FEMALES 1977	MALES	FEMALES
Birth	33.69	34.96	32.47	35.28	32.79	35.85	33.34	36.45	33.94	35.16	33.23
Death	11.65	12.96	10.38	12.71	10.29	12.82	10.49	12.91	10.67	13.19	11.26
Increase	22.05	22.00	22.09	22.58	22.49	23.03	22.85	23.55	23.27		21.9661
PERCENTAGE											
under 15	39.79	40.88	38.73	40.26	38.00	39.26	37.06	38.62	36.57	38.25	36.76
15-64	55.96	55.24	56.64	55.71	56.98	56.66	57.90	57.17	58.13	57.58	57.57
65 and over	4.26	3.88	4.62	4.03	5.03	4.08	5.04	4.21	5.30	4.17	5.67
DEP. RATIO X 100	78.71	81.02	76.54	79.50	75.51	76.50	72.72	74.92	72.03	73.66	73.69

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	263828	134425	3.3	129403	3.0	0	31469	17065	14404	0
1-4	991665	500664	12.2	491001	11.5	0	7161	3600	3561	1-4
5-9	1089003	545235	13.3	543768	12.7	0	1392	734	658	5-9
10-14	980663	491191	11.9	489472	11.4	700	122	505	417	10-14
15-19	831439	414979	10.1	416460	9.7	30837	920	722	548	15-19
20-24	719297	349657	8.5	369690	8.6	76506	1685	994	691	20-24
25-29	595227	285211	6.9	310016	7.2	66990	1776	1036	740	25-29
30-34	538585	256831	6.2	281754	6.6	52759	2318	1343	975	30-34
35-39	486944	235410	5.7	251534	5.9	33592	2691	1599	1092	35-39
40-44	412458	197574	4.8	214884	5.0	12097	2835	1823	1012	40-44
45-49	350089	169816	4.1	180273	4.2	1558	3135	1988	1147	45-49
50-54	314010	150564	3.7	163446	3.8	284	4043	2476	1567	50-54
55-59	250813	122047	3.0	128766	3.0	0	4332	2629	1703	55-59
60-64	200646	94663	2.3	105983	2.5	0	5235	3008	2227	60-64
65-69	145934	67873	1.7	78061	1.8	0	5511	3075	2436	65-69
70-74	104702	46942	1.1	57760	1.3	0	5711	3074	2637	70-74
75-79	66967	28605	0.7	38362	0.9	0	5043	2541	2502	75-79
80-84	35557	14268	0.3	21289	0.5	139853 M.	3956	1769	2187	80-84
85+	13514	5013	0.1	8501	0.2	135470 F.	3573	1214	2359	85+
TOTAL	8391341	4110918		4280423		275323	94058	51195	42863	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	e_x	$n M_x$	x
0	0.115994	100000	11599	91484	0.126792	0.2659	5569713	0.0017	55.697	0.126948	0
1	0.028126	88401	2486	346430	0.007177	1.1153	5478229	0.0017	61.971	0.007190	1
5	0.006590	85914	566	428156	0.001322	2.5000	5131799	0.0229	59.732	0.001346	5
10	0.005139	85348	439	425680	0.001030	2.5830	4703644	0.0261	55.111	0.001028	10
15	0.008725	84909	741	422853	0.001752	2.7125	4277963	0.0322	50.383	0.001740	15
20	0.014189	84169	1194	418015	0.002857	2.6323	3855111	0.0347	45.802	0.002843	20
25	0.018072	82974	1500	411313	0.003646	2.6269	3437095	0.0270	41.424	0.003632	25
30	0.025868	81475	2108	402347	0.005238	2.6146	3025782	0.0140	37.138	0.005229	30
35	0.033496	79367	2658	390474	0.006808	2.6068	2623435	0.0192	33.054	0.006792	35
40	0.045246	76709	3471	375183	0.009251	2.5912	2232961	0.0235	29.110	0.009227	40
45	0.057038	73238	4177	356164	0.011729	2.5998	1857778	0.0150	25.366	0.011707	45
50	0.079246	69061	5473	332112	0.016479	2.5896	1501614	0.0166	21.743	0.016445	50
55	0.102729	63588	6532	302231	0.021614	2.5952	1169502	0.0238	18.392	0.021541	55
60	0.148233	57056	8458	264847	0.031934	2.5842	867272	0.0329	15.200	0.031776	60
65	0.204791	48598	9952	218622	0.045524	2.5515	602425	0.0329	12.396	0.045305	65
70	0.282479	38646	10917	165962	0.065777	2.5023	383803	0.0329	9.931	0.065485	70
75	0.363330	27729	10075	112931	0.089212	2.4476	217841	0.0329	7.856	0.088831	75
80	0.474862	17654	8383	67146	0.124853	2.4800	104910	0.0329	5.942	0.123983	80
85+	*1.000000	9271	9271	37765	0.245493	4.0734	37765	0.0329	4.073	0.242170	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	e_x	$n M_x$	x
0	0.103067	100000	10307	92596	0.111308	0.2816	6128515	0.0000	61.285	0.111311	0
1	0.028418	89693	2549	351458	0.007252	1.1300	6035920	0.0000	67.295	0.007253	1
5	0.005918	87144	516	434433	0.001187	2.5000	5684462	0.0210	65.230	0.001210	5
10	0.004254	86629	369	432233	0.000853	2.5297	5250029	0.0256	60.604	0.000852	10
15	0.006587	86260	568	429970	0.001322	2.6582	4817796	0.0267	55.852	0.001316	15
20	0.009335	85692	800	426552	0.001875	2.6153	4387826	0.0277	51.205	0.001869	20
25	0.011908	84892	1011	422067	0.002395	2.6324	3961273	0.0246	46.662	0.002387	25
30	0.017195	83881	1442	415959	0.003468	2.6101	3539207	0.0175	42.193	0.003460	30
35	0.021508	82439	1773	407853	0.004347	2.5517	3123248	0.0229	37.886	0.004341	35
40	0.023340	80666	1883	398768	0.004721	2.5779	2715395	0.0283	33.662	0.004710	40
45	0.031444	78783	2477	388077	0.006383	2.6435	2316627	0.0207	29.405	0.006363	45
50	0.047034	76306	3589	373016	0.009622	2.6282	1928550	0.0240	25.274	0.009587	50
55	0.064447	72717	4686	352546	0.013293	2.6447	1555533	0.0292	21.392	0.013226	55
60	0.100607	68030	6844	323923	0.021129	2.6289	1202988	0.0320	17.683	0.021013	60
65	0.145806	61186	8921	284446	0.031364	2.5919	879064	0.0320	14.367	0.031206	65
70	0.206215	52265	10778	234959	0.045871	2.5538	594618	0.0320	11.377	0.045654	70
75	0.282099	41487	11703	178507	0.065563	2.5282	359659	0.0320	8.669	0.065221	75
80	0.415104	29784	12364	119201	0.103718	2.5963	181152	0.0320	6.082	0.102729	80
85+	*1.000000	17420	17420	61952	0.281191	3.5563	61952	0.0320	3.556	0.277497	85+

TABLE 4
OBSERVED AND PROJECTED VITAL RATES

RATES PER THOUSAND	OBSERVED POPULATION			PROJECTED POPULATION				STABLE POPULATION			
	BOTH SEXES	MALES	FEMALES	1969		1974		1979			
				MALES	FEMALES	MALES	FEMALES	MALES	FEMALES	MALES	FEMALES
Birth	32.81	34.02	31.65	34.47	32.09	35.05	32.65	35.42	33.03	33.82	31.99
Death	11.21	12.45	10.01	12.22	9.92	12.30	10.12	12.34	10.26	12.77	10.94
Increase	21.60	21.57	21.64	22.25	22.16	22.75	22.54	23.07	22.77		21.0531
PERCENTAGE											
under 15	39.63	40.66	38.63	39.57	37.46	38.89	36.69	38.22	36.17	37.50	35.98
15-64	56.00	55.38	56.60	56.37	57.56	57.00	58.21	57.64	58.52	58.15	58.09
65 and over	4.37	3.96	4.77	4.07	4.99	4.12	5.10	4.14	5.30	4.36	5.93
DEP. RATIO X 100	78.56	80.56	76.67	77.41	73.75	75.45	71.81	73.49	70.87	71.97	72.15