

# 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	8422	4335	2.8	4087	2.4	0	290	165	125	0
1-4	31198	15965	10.2	15233	8.9	0	33	193	14	1-4
5-9	38523	19727	12.6	18796	10.9	0	13	6	7	5-9
10-14	42277	21542	13.7	20735	12.1	1	17	12	5	10-14
15-19	28859	14166	9.0	14693	8.6	315	14	9	5	15-19
20-24	22947	10072	6.4	12875	7.5	2435	15	10	5	20-24
25-29	21336	8698	5.5	12638	7.4	2429	22	12	10	25-29
30-34	19676	8572	5.5	11104	6.5	1604	25	15	10	30-34
35-39	19137	8809	5.6	10328	6.0	1086	31	20	11	35-39
40-44	15835	7457	4.8	8378	4.9	340	41	24	17	40-44
45-49	15286	7358	4.7	7928	4.6	35	71	42	29	45-49
50-54	16306	7800	5.0	8506	5.0	1	128	73	55	50-54
55-59	13330	6368	4.1	6962	4.1	0	194	112	82	55-59
60-64	11665	5335	3.4	6330	3.7	0	290	165	125	60-64
65-69	10422	4657	3.0	5765	3.4	0	366	190	176	65-69
70-74	6407	2531	1.9	3476	2.0	0	408	209	199	70-74
75-79	4041	1820	1.2	2221	1.3	0	377	195	182	75-79
80-84	1845	826	0.5	1019	0.6	4228 M.	300	144	156	80-84
85+	1005	414	0.3	591	0.3	4018 F.	229	104	125	85+
TOTAL	328517	156852		171665		8246	2864	1526	1338	TOTAL

**TABLE 2**  
MALE LIFE TABLE

x	$nq_x$	$l_x$	$n^d_x$	$nL_x$	$n^m_x$	$n^a_x$	$T_x$	$r_x$	$e_x$	$nM_x$	x
0	0.036743	100000	3674	97085	0.037847	0.2066	6674201	0.0071	66.742	0.038062	0
1	0.046683	96326	451	383982	0.001175	1.0728	6577116	0.0071	68.280	0.001190	1
5	0.001520	95875	146	479009	0.000304	2.5000	6193134	0.0000	64.596	0.000304	5
10	0.002793	95729	267	478009	0.000559	2.6250	5714125	0.0326	59.691	0.000557	10
15	0.003206	95462	306	476586	0.000642	2.6412	5236116	0.0753	54.851	0.000635	15
20	0.004989	95155	475	474662	0.001000	2.6518	4759530	0.0478	50.018	0.000993	20
25	0.006887	94681	652	471845	0.001382	2.6101	4284868	0.0148	45.256	0.001380	25
30	0.008713	94209	819	468179	0.001750	2.6022	3813023	0.0000	40.552	0.001750	30
35	0.011309	93209	1054	463549	0.002274	2.6300	3344844	0.0116	35.885	0.002270	35
40	0.016025	92155	1477	457397	0.003229	2.7117	2881295	0.0145	31.266	0.003218	40
45	0.028172	90678	2555	447540	0.005708	2.7092	2423890	0.0000	26.731	0.005708	45
50	0.045873	88124	4042	431468	0.009369	2.7363	1976358	0.0042	22.427	0.009359	50
55	0.084913	84081	7140	404027	0.017671	2.7058	1544889	0.0193	18.374	0.017588	55
60	0.144189	76942	11094	358039	0.030986	2.5960	1140862	0.0120	14.828	0.030928	60
65	0.186083	65848	12253	299688	0.040886	2.5884	782824	0.0120	11.888	0.040799	65
70	0.303978	52594	16292	227967	0.071464	2.5444	483136	0.0120	9.015	0.071307	70
75	0.421617	37303	15728	146485	0.107367	2.4548	255168	0.0120	6.840	0.107143	75
80	0.596868	21575	12878	73702	0.174726	2.3863	108684	0.0120	5.037	0.174334	80
85+	1.000000	8658	8698	34982	0.248636	4.0219	34982	0.0120	4.022	0.251207	85+

**TABLE 3**  
FEMALE LIFE TABLE

x	$nq_x$	$l_x$	$n^d_x$	$nL_x$	$n^m_x$	$n^a_x$	$T_x$	$r_x$	$e_x$	$nM_x$	x
0	0.029713	100000	2971	97632	0.030434	0.2030	7102533	0.0062	71.025	0.030585	0
1	0.033625	97029	352	387084	0.000909	1.0707	7004901	0.0062	72.194	0.000919	1
5	0.001860	96677	180	482935	0.000372	2.5000	6617817	0.0000	68.453	0.000372	5
10	0.001204	96497	116	482192	0.000241	2.4726	6134882	0.0243	63.576	0.000241	10
15	0.001707	96381	165	481508	0.000342	2.5900	5652690	0.0473	58.649	0.000340	15
20	0.001947	96216	187	480658	0.000390	2.7395	5171182	0.0146	53.745	0.000388	20
25	0.003956	96029	380	479246	0.000793	2.6332	4690524	0.0141	48.845	0.000791	25
30	0.004499	95649	430	477197	0.000902	2.5624	4211278	0.0193	44.028	0.000901	30
35	0.005344	95219	509	474933	0.001071	2.7180	3734082	0.0269	39.216	0.001065	35
40	0.010164	94710	963	471391	0.002042	2.7579	3259149	0.0243	34.412	0.002029	40
45	0.018140	93747	1701	464897	0.003658	2.7419	2787757	0.0000	29.737	0.003658	45
50	0.031914	92047	2938	453604	0.006476	2.7432	2322861	0.0061	25.236	0.006466	50
55	0.057562	89109	5129	433768	0.011825	2.7039	1869257	0.0173	20.977	0.011778	55
60	0.094770	83980	7959	401202	0.019837	2.6507	1435488	0.0237	17.093	0.019747	60
65	0.143205	76021	10887	354654	0.030696	2.6622	1034287	0.0237	13.605	0.030529	65
70	0.252294	65134	16433	285789	0.057501	2.5730	679633	0.0237	10.434	0.057250	70
75	0.341705	48701	16642	202160	0.082319	2.5154	393844	0.0237	8.087	0.081945	75
80	0.550914	32060	17662	114793	0.153862	2.4735	191684	0.0237	5.979	0.153091	80
85+	1.000000	14358	14398	76891	0.187246	5.3406	76891	0.0237	5.341	0.211507	85+

**TABLE 4**  
OBSERVED AND PROJECTED VITAL RATES

RATES PER THOUSAND	OBSERVED POPULATION			PROJECTED POPULATION				STABLE POPULATION			
	BOTH SEXES	MALES	FEMALES	1965		1970		1975		MALES	FEMALES
Birth	25.10	26.96	23.41	27.30	23.91	29.33	25.96	29.29	26.22	25.73	24.74
Death	8.72	9.73	7.79	9.46	8.10	9.25	8.27	8.89	8.26	8.99	8.00
Increase	16.38	17.23	15.61	17.84	15.81	20.09	17.69	20.39	17.96		16.7403
PERCENTAGE											
under 15	36.66	39.25	34.28	35.80	31.49	35.06	31.22	35.35	31.90	32.72	31.72
15-64	56.12	53.96	58.10	57.66	60.63	58.69	61.01	58.51	60.31	61.33	60.82
65 and over	7.22	6.79	7.61	6.54	7.88	6.25	7.78	6.14	7.79	5.95	7.46
DEP. RATIO X 100	78.18	85.33	72.11	73.44	64.94	70.39	63.92	70.90	65.81	63.04	64.41

AGE AT LAST BIRTHDAY	BOTH SEXES	POPULATION				BIRTHS		DEATHS		AGE AT LAST BIRTHDAY	
		MALES		FEMALES		BY AGE OF MOTHER		MALES			
		Number	%	Number	%						
0	6786	3576	2.3	3210	1.9	0		228	135	93	0
1-4	30354	15569	9.9	14785	8.6	0		27	11	16	1-4
5-9	37212	19265	12.3	17947	10.5	0		14	11	3	5-9
10-14	38521	19740	12.6	18781	11.0	19		6	3	3	10-14
15-19	38319	19205	12.2	19114	11.2	310		21	17	4	15-19
20-24	19824	8905	5.7	10919	6.4	1853		19	15	4	20-24
25-29	20951	8629	5.5	12322	7.2	2015		17	9	8	25-29
30-34	19152	7778	5.0	11374	6.6	1327		25	10	15	30-34
35-39	19065	8556	5.5	10509	6.1	823		24	13	11	35-39
40-44	17387	8079	5.2	9308	5.4	304		44	25	19	40-44
45-49	14657	6906	4.4	7751	4.5	21		80	49	31	45-49
50-54	14999	7250	4.6	7749	4.5	0		104	68	36	50-54
55-59	14718	7033	4.5	7685	4.5	0		205	120	85	55-59
60-64	11463	5398	3.4	6065	3.5	0		278	160	118	60-64
65-69	10065	4459	2.8	5606	3.3	0		375	208	167	65-69
70-74	7477	3334	2.1	4143	2.4	0		455	216	239	70-74
75-79	4092	1795	1.1	2297	1.3			421	205	216	75-79
80-84	2076	906	0.6	1170	0.7	3481 M.		350	157	193	80-84
85+	998	428	0.3	570	0.3	3191 F.		288	108	180	85+
TOTAL	328116	156811		171305		6672		2981	1540	1441	TOTAL

x	$n^d_x$	$l_x$	$n^d_x$	$nL_x$	$n^m_x$	$n^a_x$	$T_x$	$r_x$	$\dot{e}_x$	$nM_x$	x
0	0.036590	100000	3659	96922	0.037752	0.1589	6678094	0.0000	66.781	0.037752	0
1	0.002820	96341	272	384562	0.000707	1.0493	6581172	0.0000	68.311	0.000707	1
5	0.002851	96069	274	479662	0.000571	2.5000	6196609	0.0000	64.501	0.000571	5
10	0.000760	95795	73	478829	0.000152	2.9608	5716948	0.0000	59.679	0.000152	10
15	0.004543	95723	435	477678	0.000910	2.8486	5238119	0.0787	54.722	0.000885	15
20	0.008399	95288	800	474450	0.001687	2.5146	4760441	0.0786	49.959	0.001684	20
25	0.005196	94488	491	471169	0.001042	2.4160	4285991	0.0123	45.360	0.001043	25
30	0.006408	93997	602	468522	0.001286	2.5748	3814822	0.0000	40.585	0.001286	30
35	0.007571	93394	707	465377	0.001519	2.7450	3346300	0.0000	35.830	0.001519	35
40	0.015471	92687	1434	460367	0.003115	2.8603	2880923	0.0178	31.082	0.003094	40
45	0.034926	91253	3187	448841	0.007101	2.6705	2420556	0.0042	26.526	0.007095	45
50	0.045903	88666	4042	431001	0.009379	2.6922	1971714	0.0000	22.389	0.009379	50
55	0.082308	84024	6916	404215	0.017109	2.7006	1540713	0.0116	18.337	0.017062	55
60	0.138769	77108	10700	360249	0.029702	2.6365	1136498	0.0104	14.739	0.029641	60
65	0.209700	66408	13926	298055	0.046722	2.5597	776250	0.0104	11.689	0.046647	65
70	0.279864	52482	14688	226283	0.064909	2.5404	478195	0.0104	9.112	0.064787	70
75	0.443798	37794	16773	146572	0.114435	2.4722	251912	0.0104	6.665	0.114206	75
80	0.592134	21021	12447	71705	0.173590	2.3628	105340	0.0104	5.011	0.173289	80
85+	1.000000	8574	8574	33635	0.254908	3.9230	33635	0.0104	3.923	0.252336	85+

x	$n^d_x$	$l_x$	$n^d_x$	$nL_x$	$n^m_x$	$n^a_x$	$T_x$	$r_x$	$\dot{e}_x$	$nM_x$	x
0	0.028336	100000	2834	97807	0.028972	0.2259	7089249	0.0000	70.892	0.028972	0
1	0.004315	97166	419	387443	0.001082	1.0847	6991443	0.0000	71.953	0.001082	1
5	0.000835	96747	81	483533	0.000167	2.4999	6604000	0.0000	68.260	0.000167	5
10	0.000798	96666	77	483143	0.000160	2.5576	6120466	0.0000	63.315	0.000160	10
15	0.001058	96589	102	482711	0.000212	2.7066	5637324	0.0540	58.364	0.000209	15
20	0.001850	96487	178	482032	0.000370	2.7451	5154613	0.0435	53.423	0.000366	20
25	0.003242	96308	312	480856	0.000649	2.8023	4672581	0.0000	48.517	0.000649	25
30	0.006579	95956	632	478441	0.001320	2.5617	4191725	0.0148	43.666	0.001319	30
35	0.005235	95365	499	475646	0.001050	2.6421	3713284	0.0187	38.938	0.001047	35
40	0.010246	94865	972	472181	0.002058	2.7925	3237638	0.0282	34.129	0.002041	40
45	0.019849	93893	1864	465046	0.004007	2.6279	2765456	0.0147	29.453	0.003999	45
50	0.022993	92030	2116	455485	0.004646	2.7959	2300410	0.0000	24.996	0.004646	50
55	0.054148	89914	4869	438609	0.011100	2.7490	1844925	0.0132	20.519	0.011061	55
60	0.093292	85045	7934	406621	0.019512	2.6551	1406316	0.0147	16.536	0.019456	60
65	0.139750	77111	10776	360473	0.029895	2.6724	999695	0.0147	12.964	0.029790	65
70	0.254072	66335	16854	291231	0.057871	2.6004	639222	0.0147	9.636	0.057688	70
75	0.381891	45481	18896	200352	0.094316	2.5100	347992	0.0147	7.033	0.094036	75
80	0.580583	30585	17757	107267	0.165540	2.4288	147640	0.0147	4.827	0.164957	80
85+	*1.000000	12828	12828	40373	0.317729	3.1473	40373	0.0147	3.147	0.315789	85+

RATES PER THOUSAND	OBSERVED POPULATION			PROJECTED POPULATION				STABLE POPULATION			
	BOTH SEXES	MALES	FEMALES	1968		1973		1978		MALES	FEMALES
Birth	20.33	22.20	18.63	24.91	21.15	26.41	22.71	26.02	22.67	20.97	20.02
Death	9.09	9.82	8.41	9.62	8.27	9.39	8.39	9.06	8.43	11.01	10.06
Increase	11.25	12.38	10.22	15.30	12.88	17.01	14.32	16.96	14.24		9.9597
PERCENTAGE											
under 15	34.40	37.08	31.94	33.78	29.17	32.45	28.29	32.26	28.35	28.05	27.00
15-64	58.07	55.95	60.01	58.49	62.88	60.83	63.59	61.32	63.75	64.08	63.35
65 and over	7.53	6.97	8.05	6.73	7.95	6.72	8.12	6.42	7.90	7.87	9.65
DEP. RATIO X 100	72.21	78.72	66.65	68.11	59.03	64.40	57.26	63.08	56.86	56.05	57.85

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	6326	3293	2.1	3033	1.8	0	219	119	100	0
1-4	28621	14825	9.6	13796	8.2	0	22	14	8	1-4
5-9	36666	18969	12.3	17697	10.5	0	10	7	3	5-9
10-14	37111	19109	12.4	18002	10.6	8	10	4	6	10-14
15-19	38180	19075	12.4	19105	11.3	303	14	9	5	15-19
20-24	20653	9320	6.0	11333	6.7	1792	11	6	5	20-24
25-29	20003	8250	5.3	11753	6.9	1865	13	5	8	25-29
30-34	19144	7644	5.0	11500	6.8	1320	14	8	6	30-34
35-39	18660	8270	5.4	10390	6.1	788	34	16	18	35-39
40-44	17519	8073	5.2	9446	5.6	294	45	23	22	40-44
45-49	14614	6857	4.4	7757	4.6	24	60	35	25	45-49
50-54	14520	6988	4.5	7532	4.5	0	106	63	43	50-54
55-59	14888	7113	4.6	7775	4.6	0	195	110	85	55-59
60-64	11602	5478	3.5	6124	3.6	0	301	168	133	60-64
65-69	9865	4407	2.9	5458	3.2	0	362	190	172	65-69
70-74	8037	3555	2.3	4482	2.6		399	211	188	70-74
75-79	3988	1736	1.1	2252	1.3		399	206	193	75-79
80-84	2212	977	0.6	1235	0.7	3287 M.	308	137	171	80-84
85+	982	422	0.3	550	0.3	3107 F.	234	97	137	85+
TOTAL	323591	154371		169220		6394	2756	1428	1328	TOTAL

	$nq_x$	$l_x$	$n^d_x$	$nL_x$	$n^m_x$	$n^a_x$	$T_x$	$r_x$	$\dot{e}_x$	$nM_x$	$x$
0	0.035109	100000	3511	97155	0.036137	0.1897	6797198	0.0000	67.972	0.036137	0
1	0.003767	96489	363	384889	0.000944	1.0635	6700043	0.0000	69.438	0.000944	1
5	0.001843	91626	177	480185	0.000369	2.5000	6315154	0.0000	65.697	0.000369	5
10	0.001046	95948	100	479502	0.000209	2.6075	5834969	0.0000	60.814	0.000209	10
15	0.002389	95848	229	478711	0.000478	2.6893	5355467	0.0713	55.875	0.000472	15
20	0.003225	95619	308	477337	0.000646	2.5407	4876756	0.0832	51.002	0.000644	20
25	0.003034	95311	289	475870	0.000608	2.6352	4399419	0.0191	46.159	0.000606	25
30	0.005221	95022	496	473997	0.001047	2.7609	3923549	0.0000	41.291	0.001047	30
35	0.009630	94525	910	470525	0.001935	2.6908	3449553	0.0000	36.493	0.001935	35
40	0.014204	93615	1330	465048	0.002859	2.7230	2979027	0.0156	31.822	0.002849	40
45	0.025286	92285	2334	456144	0.005116	2.7360	2513980	0.0091	27.241	0.005104	45
50	0.044167	89952	3973	440682	0.009015	2.7151	2057835	0.0000	22.877	0.009015	50
55	0.074853	85979	6436	415353	0.015495	2.7405	1617154	0.0070	18.809	0.015465	55
60	0.143349	75543	11402	370642	0.030764	2.6256	1201800	0.0167	15.109	0.030668	60
65	0.195328	68141	13310	308027	0.043210	2.5449	831158	0.0167	12.198	0.043113	65
70	0.260241	54831	14269	239573	0.059561	2.5764	523131	0.0167	9.541	0.059353	70
75	0.457228	40562	18546	155821	0.119021	2.4664	283559	0.0167	6.991	0.118664	75
80	0.512330	22016	11279	80253	0.140547	2.3558	127738	0.0167	5.802	0.140226	80
85+	*1.000000	10736	10736	47484	0.226104	4.4227	47484	0.0167	4.423	0.224537	85+

	$nq_x$	$l_x$	$n^d_x$	$nL_x$	$n^m_x$	$n^a_x$	$T_x$	$r_x$	$\dot{e}_x$	$nM_x$	$x$
0	0.032076	100000	3208	97285	0.032971	0.1536	7121126	0.0000	71.211	0.032971	0
1	0.002316	96792	224	386508	0.000580	1.0471	7023841	0.0000	72.566	0.000580	1
5	0.000847	96568	82	482637	0.000170	2.5000	6637333	0.0000	68.732	0.000170	5
10	0.001665	96486	161	482040	0.000333	2.5579	6154696	0.0000	63.788	0.000333	10
15	0.001313	96326	126	481324	0.000263	2.5879	5672656	0.0460	58.890	0.000262	15
20	0.002225	96199	214	480503	0.000445	2.6944	5191332	0.0481	53.964	0.000441	20
25	0.003398	95985	326	479119	0.000681	2.5233	4710829	0.0000	49.079	0.000681	25
30	0.002618	95659	250	477774	0.000524	2.9161	4231710	0.0115	44.237	0.000522	30
35	0.008662	95409	826	475154	0.001739	2.7140	3753935	0.0181	39.346	0.001732	35
40	0.011622	94582	1099	470304	0.002337	2.6279	3278781	0.0268	34.666	0.002329	40
45	0.016062	93483	1501	463973	0.003236	2.7072	2808477	0.0191	30.043	0.003223	45
50	0.028185	91982	2593	454110	0.005709	2.7636	2344504	0.0000	25.489	0.005709	50
55	0.053493	89389	4782	436280	0.010960	2.7696	1890395	0.0086	21.148	0.010932	55
60	0.103772	84607	8780	402409	0.021818	2.6506	1454115	0.0237	17.187	0.021718	60
65	0.146775	75827	11130	352067	0.031612	2.5678	1051705	0.0237	13.870	0.031513	65
70	0.191649	64698	12399	294049	0.042167	2.6257	699638	0.0237	10.814	0.041946	70
75	0.355808	52259	18608	216003	0.086148	2.5554	405589	0.0237	7.755	0.085702	75
80	0.514879	33690	17346	124614	0.139202	2.4728	189586	0.0237	5.627	0.138462	80
85+	*1.000000	16344	16344	64973	0.251550	3.9754	64973	0.0237	3.975	0.249091	85+

	OBSERVED POPULATION			PROJECTED POPULATION				STABLE POPULATION			
	BOTH SEXES	MALES	FEMALES	MALES	FEMALES	MALES	FEMALES	MALES	FEMALES		
RATES PER THOUSAND											
Birth	19.76	21.29	18.36	23.87	20.78	25.14	22.11	24.84	22.12	20.04	19.35
Death	8.52	9.25	7.85	9.32	8.24	9.06	8.49	8.84	8.60	11.06	10.37
Increase	11.24	12.04	10.51	14.55	12.54	16.07	13.63	16.01	13.53		8.9823
PERCENTAGE											
VITAL RATES											
under 15	33.60	36.40	31.04	32.97	28.45	31.26	27.45	31.04	27.77	27.03	26.22
15-64	58.65	56.40	60.70	59.90	63.10	61.57	63.84	62.14	63.78	64.34	63.29
65 and over	7.75	7.20	8.26	7.13	8.45	7.17	8.72	6.82	8.45	8.63	10.49
DEP. RATIO X 100	70.51	77.30	64.75	66.95	58.47	62.43	56.65	60.92	56.78	55.43	57.99

AGE AT LAST BIRTHDAY	BOTH SEXES	POPULATION				BIRTHS BY AGE OF MOTHER		DEATHS		AGE AT LAST BIRTHDAY
		MALES		FEMALES		BOTH SEXES	MALES	FEMALES		
		Number	%	Number	%					
0	5798	2958	1.9	2840	1.7	0	196	116	80	0
1-4	26525	13831	9.1	12694	7.6	0	26	14	12	1-4
5-9	36694	19050	12.5	17644	10.6	0	5	2	3	5-9
10-14	36013	18684	12.3	17329	10.4	10	8	7	1	10-14
15-19	33842	15446	10.1	18396	11.0	236	25	19	6	15-19
20-24	22269	10161	6.7	12108	7.3	1511	9	4	5	20-24
25-29	19039	7911	5.2	11128	6.7	1755	14	4	10	25-29
30-34	19063	7555	5.0	11508	6.9	974	24	7	17	30-34
35-39	18206	7898	5.2	10308	6.2	862	30	16	14	35-39
40-44	17651	8117	5.3	9534	5.7	264	50	32	18	40-44
45-49	14742	6934	4.5	7808	4.7	16	57	38	19	45-49
50-54	14229	6848	4.5	7381	4.4	0	101	59	42	50-54
55-59	14974	7170	4.7	7804	4.7	0	207	126	81	55-59
60-64	11745	5610	3.7	6135	3.7	0	295	174	121	60-64
65-69	9742	4394	2.9	5348	3.2	0	386	212	174	65-69
70-74	8323	3647	2.4	4676	2.8	0	436	225	211	70-74
75-79	7079	4757	3.1	2322	1.4	0	478	242	236	75-79
80-84	2252	1012	0.7	1240	0.7	2893 M.	358	154	204	80-84
85+	978	439	0.3	539	0.3	2735 F.	296	118	178	85+
TOTAL	319164	152422		166742		5628	3001	1569	1432	TOTAL

x	$n^q_x$	$l_x$	$n^d_x$	$n^I_x$	$n^m_x$	$n^a_x$	$T_x$	$r_x$	$\hat{e}_x$	$n^M_x$	x
0	0.038006	100000	3801	96916	0.039216	0.1884	6771307	0.0000	67.713	0.039216	0
1	0.004037	96159	388	383657	0.001012	1.0629	6674392	0.0000	69.381	0.001012	1
5	0.000525	95811	50	478930	0.000105	2.5000	6290735	0.0000	65.658	0.000105	5
10	0.001896	95761	182	478462	0.000379	3.1149	5811805	0.0204	60.691	0.000375	10
15	0.006132	95579	586	476431	0.001230	2.5002	5333343	0.0601	55.800	0.001230	15
20	0.001916	94993	182	474439	0.000384	2.1049	4856913	0.0663	51.129	0.000394	20
25	0.002542	94811	241	473506	0.000509	2.7207	4382474	0.0291	46.223	0.000506	25
30	0.004623	94570	437	471905	0.000927	2.8375	3908968	0.0000	41.334	0.000927	30
35	0.010084	94133	949	468580	0.002026	2.8042	3437063	0.0000	36.513	0.002026	35
40	0.019565	93184	1823	461678	0.003949	2.6745	2968483	0.0092	31.856	0.003942	40
45	0.027107	91360	2477	451014	0.005491	2.6626	2506805	0.0113	27.439	0.005480	45
50	0.042263	88884	3757	436011	0.008616	2.7616	2055791	0.0000	23.129	0.008616	50
55	0.084513	85127	7194	409230	0.017580	2.7195	1619780	0.0016	19.028	0.017573	55
60	0.145456	77933	11336	362831	0.031243	2.6328	1210550	0.0368	15.533	0.031016	60
65	0.216567	66597	14423	297462	0.048486	2.5370	847719	0.0368	12.729	0.048248	65
70	0.266312	52174	13895	224948	0.061768	2.4145	550257	0.0368	10.546	0.061695	70
75	0.227845	38280	8722	170141	0.051262	2.5627	325309	0.0368	8.498	0.050872	75
80	0.558866	29558	16519	107392	0.153819	2.5544	155168	0.0368	5.250	0.152174	80
85+	*1.000000	13039	13039	47776	0.272917	3.6641	47776	0.0368	3.664	0.268793	85+

x	$n^q_x$	$l_x$	$n^d_x$	$n^I_x$	$n^m_x$	$n^a_x$	$T_x$	$r_x$	$\hat{e}_x$	$n^M_x$	x
0	0.027559	100000	2756	97836	0.028169	0.2149	7107372	0.0000	71.074	0.028169	0
1	0.003771	97244	367	387905	0.000945	1.0777	7009536	0.0000	72.082	0.000945	1
5	0.000850	96877	82	484181	0.000170	2.5000	6621632	0.0000	68.351	0.000170	5
10	0.00289	96795	28	483921	0.000058	3.0719	6137451	0.0000	63.407	0.000058	10
15	0.001643	96767	159	483474	0.000329	2.7283	5653529	0.0356	58.424	0.000326	15
20	0.002092	96608	202	482592	0.000419	2.7821	5170055	0.0498	53.516	0.000413	20
25	0.004489	96406	433	481053	0.000900	2.7429	4687463	0.0042	48.622	0.000899	25
30	0.007363	95973	707	478144	0.001478	2.5627	4206410	0.0063	43.829	0.001477	30
35	0.006776	95267	646	474758	0.001360	2.5598	3728266	0.0173	39.135	0.001358	35
40	0.009427	94621	892	470979	0.001894	2.6161	3253508	0.0259	34.385	0.001888	40
45	0.012190	93729	1143	466146	0.002451	2.8117	2782529	0.0226	29.687	0.002433	45
50	0.028096	92587	2601	457144	0.005690	2.7747	2316383	0.0000	25.019	0.005690	50
55	0.050810	89985	4572	439638	0.010400	2.7497	1859239	0.0072	20.662	0.010379	55
60	0.094626	85413	8082	408344	0.019793	2.6836	1419601	0.0157	16.620	0.019723	60
65	0.151227	77331	11695	358534	0.032618	2.5954	1011256	0.0157	13.077	0.032536	65
70	0.204717	65636	13437	296588	0.045305	2.6488	652723	0.0157	9.945	0.045124	70
75	0.407834	52199	21289	208697	0.102008	2.5433	356134	0.0157	6.823	0.101637	75
80	0.577860	30911	17862	108182	0.165112	2.4039	147437	0.0157	4.770	0.164516	80
85+	*1.000000	13049	13049	39255	0.332404	3.0084	39255	0.0157	3.008	0.330241	85+

RATES PER THOUSAND	OBSERVED POPULATION			PROJECTED POPULATION				STABLE POPULATION			
	BOTH SEXES	MALES	FEMALES	1970		1975		1980		POPULATION	
				MALES	FEMALES	MALES	FEMALES	MALES	FEMALES	MALES	FEMALES
Birth	17.63	18.98	16.40	21.31	18.47	22.96	19.98	22.83	19.99	17.50	16.75
Death	9.40	10.29	8.59	11.08	8.63	10.94	8.82	9.53	8.91	12.72	11.97
Increase	8.23	8.69	7.81	10.23	9.84	12.01	11.16	13.29	11.07		4.7856
PERCENTAGE											
under 15	32.91	35.77	30.29	31.86	27.31	29.17	25.40	28.76	25.46	24.29	23.51
15-64	58.20	54.88	61.24	59.29	64.22	62.38	65.85	63.67	66.07	65.29	64.57
65 and over	8.89	9.35	8.47	8.85	8.47	8.45	8.76	7.57	8.47	10.42	11.93
DEP. RATIO X 100	71.82	82.21	63.30	68.66	55.70	60.31	51.87	57.07	51.36		