World Population

An Analysis of Vital Data

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TABLE 1 DATA

AGE AT LAST BIRTHDAY	POPULATION BOTH SEXES	MALES Number	MALES %	FEMALES Number	FEMALES %	BIRTHS BY AGE OF MOTHER	DEATHS BOTH SEXES	DEATHS MALES	DEATHS FEMALES	AGE AT LAST BIRTHDAY
0	414108	211611	4.4	202497	4.4	0	13708	7350	6358	0
1-4	1447016	742672	15.6	704344	15.3	0	14049	6939	7110	1-4
5-9	1348300	693171	14.5	655129	14.3	0	2049	1143	906	5-9
10-14	929012	480254	10.1	448758	9.8	61	915	545	370	10-14
15-19	951247	488192	10.2	463055	10.1	23210	1261	705	556	15-19
20-24	712920	308880	6.5	404040	8.8	106179	1624	878	746	20-24
25-29	725197	368182	7.7	357015	7.8	120231	1760	940	820	25-29
30-34	625372	328542	6.9	296830	6.5	86987	1987	1088	899	30-34
35-39	519116	281441	5.9	237675	5.2	52064	2168	1252	916	35-39
40-44	457547	255882	5.4	201665	4.4	21324	2598	1584	1014	40-44
45-49	373828	199671	4.2	174157	3.8	3980	2905	1867	1038	45-49
50-54	281491	148830	3.1	132661	2.9	0	3500	2217	1283	50-54
55-59	209070	105287	2.2	103783	2.3	0	3788	2459	1329	55-59
60-64	142982	68713	1.4	74269	1.6	0	4138	2576	1562	60-64
65-69	102594	45179	0.9	57415	1.2	0	4582	2598	1984	65-69
70-74	70346	27600	0.6	42746	0.9		5128	2665	2463	70-74
75-79	37619	12528	0.3	25091	0.5		3980	1748	2232	75-79
80-84	15402	4500	0.1	10902	0.2	212554 M.	2850	1117	1733	80-84
85+	4494	1001	0.0	3493	0.1	201482 F.	1085	231	854	85+
TOTAL	9367661	4772136		4595525		414036	74075	39902	34173	TOTAL

TABLE 2 MALE LIFE TABLE

x	${}_nq_x$	l_x	${}_nd_x$	${}_nL_x$	${}_nm_x$	${}_na_x$	T_x	r_x	$\mathring{e}_x$	${}_nM_x$	x
0	0.033874	100000	3387	98053	0.034547	0.4252	6015149	0.0092	60.151	0.034734	0
1	0.036375	96613	3514	377373	0.009312	1.4171	5917096	0.0092	61.246	0.009343	1
5	0.007755	93098	722	463687	0.001557	2.5000	5539722	0.0655	59.504	0.001649	5
10	0.005654	92376	522	460565	0.001134	2.4784	5076036	0.0338	54.950	0.001135	10
15	0.007272	91854	668	457760	0.001459	2.7394	4615471	0.0424	50.248	0.001444	15
20	0.014145	91186	1290	452804	0.002848	2.5763	4157711	0.0258	45.596	0.002843	20
25	0.012685	89896	1140	446666	0.002553	2.5315	3704907	0.0000	41.213	0.002553	25
30	0.016474	88756	1462	440288	0.003321	2.6120	3258241	0.0235	36.710	0.003312	30
35	0.022070	87294	1927	431893	0.004461	2.6248	2817953	0.0204	32.281	0.004449	35
40	0.030646	85367	2616	420689	0.006219	2.6506	2386061	0.0279	27.951	0.006190	40
45	0.046136	82751	3818	404859	0.009430	2.6700	1965372	0.0443	23.750	0.009350	45
50	0.072618	78933	5732	381245	0.015035	2.6585	1560512	0.0485	19.770	0.014896	50
55	0.111741	73201	8180	346708	0.023592	2.6407	1179268	0.0527	16.110	0.023355	55
60	0.173104	65022	11256	298109	0.037756	2.6013	832560	0.0395	12.804	0.037489	60
65	0.253898	53766	13651	235622	0.057936	2.5674	534451	0.0395	9.940	0.057505	65
70	0.390641	40115	15671	161172	0.097229	2.4855	298829	0.0395	7.449	0.096558	70
75	0.513917	24444	12562	89394	0.140528	2.3868	137657	0.0395	5.631	0.139527	75
80	0.744367	11882	8845	35314	0.250453	2.2756	48263	0.0395	4.062	0.248221	80
85+	*1.000000	3037	3037	12949	0.234572	4.2631	12949	0.0395	4.263	0.230769	85+

TABLE 3 FEMALE LIFE TABLE

x	${}_nq_x$	l_x	${}_nd_x$	${}_nL_x$	${}_nm_x$	${}_na_x$	T_x	r_x	$\mathring{e}_x$	${}_nM_x$	x
0	0.030689	100000	3069	98278	0.031227	0.4389	6478104	0.0101	64.781	0.031398	0
1	0.039245	96931	3804	378122	0.010060	1.4758	6379826	0.0101	65.818	0.010094	1
5	0.006362	93127	592	464154	0.001276	2.5000	6001703	0.0672	64.446	0.001383	5
10	0.004111	92535	380	461714	0.000824	2.4782	5537549	0.0337	59.843	0.000824	10
15	0.005997	92154	553	459486	0.001203	2.6749	5075836	0.0093	55.080	0.001201	15
20	0.009219	91602	844	455998	0.001852	2.6202	4616350	0.0242	50.396	0.001846	20
25	0.011456	90757	1040	451292	0.002304	2.6021	4160351	0.0285	45.841	0.002297	25
30	0.015094	89717	1354	445338	0.003041	2.6006	3709059	0.0376	41.342	0.003029	30
35	0.019164	88363	1693	437750	0.003868	2.5988	3263722	0.0347	36.935	0.003854	35
40	0.024895	86670	2158	428122	0.005040	2.5776	2825972	0.0262	32.606	0.005028	40
45	0.029552	84512	2497	416680	0.005994	2.6454	2397849	0.0353	28.373	0.005960	45
50	0.047562	82015	3901	400820	0.009732	2.6279	1981169	0.0423	24.156	0.009671	50
55	0.062632	78114	4892	379066	0.012906	2.6487	1580349	0.0441	20.231	0.012806	55
60	0.100968	73221	7393	348811	0.021195	2.6605	1201283	0.0375	16.406	0.021032	60
65	0.160841	65828	10588	304058	0.034822	2.6308	852472	0.0375	12.950	0.034555	65
70	0.254209	55241	14043	242035	0.058019	2.5668	548414	0.0375	9.928	0.057619	70
75	0.366360	41198	15093	168423	0.089615	2.5111	306379	0.0375	7.437	0.088956	75
80	0.568678	26105	14845	92612	0.160295	2.4462	137956	0.0375	5.285	0.158962	80
85+	*1.000000	11259	11259	45344	0.248312	4.0272	45344	0.0375	4.027	0.244489	85+

TABLE 4 OBSERVED AND PROJECTED VITAL RATES

	OBSERVED POPULATION BOTH SEXES	OBSERVED POPULATION MALES	OBSERVED POPULATION FEMALES	PROJECTED POPULATION 1961 MALES	1961 FEMALES	1966 MALES	1966 FEMALES	1971 MALES	1971 FEMALES	STABLE POPULATION MALES	STABLE POPULATION FEMALES
RATES PER THOUSAND											
Birth	44.20	44.54	43.84	42.74	42.02	40.39	39.63	40.27	39.45	42.85	41.96
Death	7.91	8.36	7.44	8.29	7.31	8.25	7.17	8.31	7.11	7.97	7.08
Increase	36.29	36.18	36.41	34.45	34.71	32.14	32.47	31.96	32.34	34.8785	
PERCENTAGE											
under 15	44.18	44.59	43.75	47.47	46.70	47.67	46.87	46.17	45.30	46.75	45.86
15-64	53.36	53.51	53.21	50.65	50.39	50.35	50.21	51.68	51.71	51.38	51.34
65 and over	2.46	1.90	3.04	1.88	2.90	1.99	2.92	2.16	2.99	1.88	2.80
DEP. RATIO X 100	87.40	86.88	87.94	97.43	98.44	98.62	99.17	93.51	93.38	94.64	94.78

TABLE 1
DATA

AGE AT LAST BIRTHDAY	POPULATION BOTH SEXES	MALES Number	MALES %	FEMALES Number	FEMALES %	BIRTHS BY AGE OF MOTHER	DEATHS BOTH SEXES	DEATHS MALES	DEATHS FEMALES	AGE AT LAST BIRTHDAY
0	394548	202952	3.7	191596	3.7	0	13241	7137	6104	0
1-4	1525877	782294	14.4	743583	14.4	0	12187	5951	6236	1-4
5-9	1721206	882946	16.3	838260	16.2	0	2026	1122	904	5-9
10-14	1147853	591090	10.9	556763	10.7	58	920	542	378	10-14
15-19	958739	494218	9.1	464521	9.0	21623	1268	707	561	15-19
20-24	763954	322212	5.9	441742	8.5	112156	1749	986	763	20-24
25-29	785742	396921	7.3	388821	7.5	131093	1726	971	755	25-29
30-34	724109	384010	7.1	340099	6.6	87402	1967	1145	822	30-34
35-39	617765	336856	6.2	280909	5.4	48200	2200	1338	862	35-39
40-44	493241	273655	5.0	219586	4.2	17394	2457	1576	881	40-44
45-49	448541	251651	4.6	196890	3.8	2461	2964	1959	1005	45-49
50-54	342394	184926	3.4	157468	3.0	0	3671	2416	1255	50-54
55-59	250001	130966	2.4	119035	2.3	0	4244	2757	1487	55-59
60-64	175766	87107	1.6	88659	1.7	0	4574	2827	1747	60-64
65-69	114623	53077	1.0	61546	1.2	0	4631	2699	1932	65-69
70-74	76863	32001	0.6	44862	0.9		4784	2493	2291	70-74
75-79	46317	16845	0.3	29472	0.6		4480	1994	2486	75-79
80-84	19005	5938	0.1	13067	0.3	216587 M.	3347	1274	2073	80-84
85+	5228	1144	0.0	4084	0.1	203800 F.	1428	367	1061	85+
TOTAL	10611772	5430809		5180963		420387	73864	40261	33603	TOTAL

TABLE 2
MALE LIFE TABLE

x	${}_nq_x$	l_x	${}_nd_x$	${}_nL_x$	${}_nm_x$	${}_na_x$	T_x	r_x	$\mathring{e}_x$	${}_nM_x$	x
0	0.034442	100000	3444	97958	0.035160	0.4071	6186421	0.0003	61.864	0.035166	0
1	0.029825	96556	2880	378603	0.007606	1.3537	6088464	0.0003	63.056	0.007607	1
5	0.006059	93676	568	466961	0.001215	2.5000	5709861	0.0485	60.953	0.001271	5
10	0.004588	93109	427	464496	0.000920	2.5514	5242900	0.0569	56.310	0.000917	10
15	0.007260	92681	673	461927	0.001457	2.8009	4778403	0.0590	51.557	0.001431	15
20	0.015207	92008	1399	456633	0.003064	2.5638	4316477	0.0194	46.914	0.003060	20
25	0.012157	90609	1102	450277	0.002446	2.4863	3859843	0.0000	42.599	0.002446	25
30	0.014824	89508	1327	444355	0.002986	2.6006	3409566	0.0134	38.092	0.002982	30
35	0.019759	88181	1742	436785	0.003989	2.6359	2965212	0.0297	33.626	0.003972	35
40	0.028498	86438	2463	426344	0.005778	2.6257	2528427	0.0234	29.251	0.005759	40
45	0.038454	83975	3229	412367	0.007831	2.6748	2102083	0.0307	25.032	0.007785	45
50	0.064062	80746	5173	391719	0.013205	2.6780	1689716	0.0517	20.926	0.013065	50
55	0.101226	75573	7650	359812	0.021261	2.6400	1297997	0.0535	17.175	0.021051	55
60	0.151850	67923	10314	314974	0.032746	2.6108	938185	0.0496	13.812	0.032454	60
65	0.228015	57609	13136	256101	0.051291	2.5681	623211	0.0496	10.818	0.050851	65
70	0.328459	44473	14608	185960	0.078553	2.5077	367111	0.0496	8.255	0.077904	70
75	0.457876	29866	13675	114419	0.119515	2.4472	181151	0.0496	6.066	0.118373	75
80	0.688060	16191	11140	51307	0.217130	2.3387	66732	0.0496	4.122	0.214550	80
85+	*1.000000	5051	5051	15424	0.327440	3.0540	15424	0.0496	3.054	0.320804	85+

TABLE 3
FEMALE LIFE TABLE

x	${}_nq_x$	l_x	${}_nd_x$	${}_nL_x$	${}_nm_x$	${}_na_x$	T_x	r_x	$\mathring{e}_x$	${}_nM_x$	x
0	0.031284	100000	3128	98197	0.031859	0.4236	6636335	0.0000	66.363	0.031859	0
1	0.032833	96872	3181	379251	0.008386	1.4108	6538139	0.0000	67.493	0.008386	1
5	0.005055	93691	474	467271	0.001014	2.5000	6158888	0.0493	65.736	0.001078	5
10	0.003401	93217	317	465313	0.000681	2.5578	5691617	0.0582	61.057	0.000679	10
15	0.006045	92900	562	463198	0.001212	2.6774	5226304	0.0219	56.257	0.001208	15
20	0.008613	92339	795	459773	0.001730	2.5850	4763106	0.0161	51.583	0.001727	20
25	0.009680	91543	886	455564	0.001945	2.5699	4303333	0.0241	47.009	0.001942	25
30	0.012050	90657	1092	450656	0.002424	2.5923	3847769	0.0301	42.443	0.002417	30
35	0.015297	89565	1370	444538	0.003082	2.6012	3397113	0.0406	37.929	0.003069	35
40	0.019935	88195	1758	436749	0.004025	2.5971	2952575	0.0315	33.478	0.004012	40
45	0.025331	86437	2189	427035	0.005127	2.6488	2515826	0.0278	29.106	0.005104	45
50	0.039434	84247	3322	413506	0.008034	2.6732	2088790	0.0420	24.794	0.007970	50
55	0.061191	80925	4952	393054	0.012598	2.6632	1675285	0.0444	20.702	0.012492	55
60	0.094800	75973	7202	362935	0.019844	2.6493	1282231	0.0368	16.877	0.019705	60
65	0.147059	68771	10113	319867	0.031618	2.6281	919295	0.0368	13.368	0.031391	65
70	0.228825	58657	13422	260939	0.051439	2.5899	599429	0.0368	10.219	0.051068	70
75	0.351638	45235	15906	187071	0.085029	2.5415	338490	0.0368	7.483	0.084351	75
80	0.565813	29329	16595	103770	0.159917	2.4602	151419	0.0368	5.163	0.158644	80
85+	1.000000	12734	12734	47649	0.267249	3.7418	47649	0.0368	3.742	0.259795	85+

TABLE 4
OBSERVED AND PROJECTED VITAL RATES

	OBSERVED POPULATION BOTH SEXES	OBSERVED POPULATION MALES	OBSERVED POPULATION FEMALES	PROJECTED POPULATION 1965 MALES	1965 FEMALES	1970 MALES	1970 FEMALES	1975 MALES	1975 FEMALES	STABLE POPULATION MALES	STABLE POPULATION FEMALES
RATES PER THOUSAND											
Birth	39.62	39.88	39.34	38.21	37.60	37.51	36.81	39.37	38.52	39.85	38.94
Death	6.96	7.41	6.49	7.53	6.43	7.69	6.44	7.93	6.54	7.75	6.84
Increase	32.65	32.47	32.85	30.68	31.17	29.82	30.38	31.44	31.99	32.0955	
PERCENTAGE											
under 15	45.13	45.28	44.98	46.22	45.77	44.27	43.59	43.53	42.66	44.56	43.61
15-64	52.40	52.71	52.07	51.60	51.23	53.31	53.28	53.76	54.03	52.99	52.97
65 and over	2.47	2.01	2.95	2.18	3.01	2.43	3.13	2.71	3.31	2.45	3.42
DEP. RATIO X 100	90.85	89.72	92.05	93.80	95.21	87.60	87.69	86.02	85.08	88.73	88.79

TABLE 1
DATA

AGE AT LAST BIRTHDAY	POPULATION BOTH SEXES	MALES Number	MALES %	FEMALES Number	FEMALES %	BIRTHS BY AGE OF MOTHER	DEATHS BOTH SEXES	DEATHS MALES	DEATHS FEMALES	AGE AT LAST BIRTHDAY
0	394222	203125	3.5	191097	3.5	0	12329	6569	5760	0
1-4	1561005	801135	13.8	759870	13.8	0	9955	5032	4923	1-4
5-9	1808124	927609	16.0	880515	15.9	0	1991	1103	888	5-9
10-14	1439166	739745	12.7	699421	12.7	76	1019	605	414	10-14
15-19	931596	479631	8.3	451965	8.2	20549	1246	717	529	15-19
20-24	778108	316999	5.5	461109	8.4	117903	1816	1026	790	20-24
25-29	832882	426086	7.3	406796	7.4	138077	1609	961	648	25-29
30-34	769468	408706	7.0	360762	6.5	85200	1993	1203	790	30-34
35-39	665605	365203	6.3	300402	5.4	43759	2244	1439	805	35-39
40-44	551019	306967	5.3	244052	4.4	15961	2514	1571	943	40-44
45-49	464797	262846	4.5	201951	3.7	1944	3010	1986	1024	45-49
50-54	378910	207068	3.6	171842	3.1	0	3824	2563	1261	50-54
55-59	276570	146262	2.5	130308	2.4	0	4428	2854	1574	55-59
60-64	196929	98363	1.7	98566	1.8	0	4950	3072	1878	60-64
65-69	125444	59028	1.0	66416	1.2	0	4884	2865	2019	65-69
70-74	79950	33963	0.6	45987	0.8		4987	2661	2326	70-74
75-79	49128	18139	0.3	30989	0.6		4707	2082	2625	75-79
80-84	21483	6597	0.1	14886	0.3	218332 M.	3784	1376	2408	80-84
85+	6028	1369	0.0	4659	0.1	205137 F.	1631	420	1211	85+
TOTAL	11330434	5808841		5521593		423469	72921	40105	32816	TOTAL

TABLE 2
MALE LIFE TABLE

x	${}_nq_x$	l_x	${}_nd_x$	${}_nL_x$	${}_nm_x$	${}_na_x$	T_x	r_x	$\mathring{e}_x$	${}_nM_x$	x
0	0.031722	100000	3172	98090	0.032340	0.3978	6276280	0.0000	62.763	0.032340	0
1	0.024709	96828	2393	380914	0.006281	1.3263	6178190	0.0000	63.806	0.006281	1
5	0.005796	94435	547	470808	0.001163	2.5000	5797276	0.0284	61.389	0.001189	5
10	0.004106	93888	386	468511	0.000823	2.5911	5326468	0.0649	56.732	0.000818	10
15	0.007656	93502	716	465952	0.001536	2.8215	4857957	0.0830	51.955	0.001495	15
20	0.016062	92787	1490	460271	0.003238	2.5430	4392005	0.0092	47.335	0.003237	20
25	0.011213	91296	1024	453886	0.002255	2.4656	3931734	0.0000	43.066	0.002255	25
30	0.014636	90272	1321	448208	0.002948	2.6131	3477848	0.0124	38.526	0.002943	30
35	0.019572	88951	1741	440589	0.003951	2.6068	3029640	0.0247	34.060	0.003940	35
40	0.025384	87210	2214	430815	0.005138	2.6350	2589050	0.0275	29.687	0.005118	40
45	0.037355	84996	3175	417618	0.007603	2.6806	2158235	0.0313	25.392	0.007556	45
50	0.060685	81821	4965	397541	0.012490	2.6706	1740617	0.0458	21.273	0.012378	50
55	0.094224	76856	7242	367268	0.019718	2.6508	1343076	0.0539	17.475	0.019513	55
60	0.146639	69614	10208	323754	0.031531	2.6178	975808	0.0518	14.017	0.031231	60
65	0.219058	59406	13013	265563	0.049003	2.5819	652054	0.0518	10.976	0.048536	65
70	0.330255	46393	15321	193843	0.079040	2.5119	386491	0.0518	8.331	0.078350	70
75	0.447078	31071	13891	119860	0.115897	2.4447	192648	0.0518	6.200	0.114780	75
80	0.677023	17180	11631	55084	0.211156	2.3506	72788	0.0518	4.237	0.208579	80
85+	*1.000000	5549	5549	17704	0.313418	3.1906	17704	0.0518	3.191	0.306793	85+

TABLE 3
FEMALE LIFE TABLE

x	${}_nq_x$	l_x	${}_nd_x$	${}_nL_x$	${}_nm_x$	${}_na_x$	T_x	r_x	$\mathring{e}_x$	${}_nM_x$	x
0	0.029612	100000	2961	98244	0.030142	0.4069	6737002	0.0000	67.370	0.030142	0
1	0.025478	97039	2472	381611	0.006479	1.3533	6638758	0.0000	68.413	0.006479	1
5	0.004886	94566	462	471677	0.000980	2.5000	6257147	0.0286	66.167	0.001008	5
10	0.002969	94104	279	469842	0.000595	2.5670	5785470	0.0659	61.479	0.000592	10
15	0.005883	93825	552	467852	0.001180	2.6950	5315628	0.0405	56.655	0.001170	15
20	0.008534	93273	796	464413	0.001714	2.5478	4847776	0.0090	51.974	0.001713	20
25	0.007945	92477	735	460591	0.001595	2.5584	4383364	0.0228	47.400	0.001593	25
30	0.010924	91742	1002	456305	0.002196	2.5995	3922773	0.0282	42.759	0.002190	30
35	0.013376	90740	1214	450816	0.002692	2.6235	3466468	0.0362	38.202	0.002680	35
40	0.019231	89526	1722	443534	0.003882	2.6204	3015652	0.0359	33.685	0.003864	40
45	0.025157	87805	2209	433790	0.005092	2.6309	2572118	0.0298	29.294	0.005071	45
50	0.036328	85596	3109	420762	0.007390	2.6793	2138329	0.0360	24.982	0.007338	50
55	0.059231	82486	4886	401052	0.012182	2.6711	1717566	0.0431	20.822	0.012079	55
60	0.091774	77600	7122	371276	0.019182	2.6514	1316514	0.0349	16.965	0.019053	60
65	0.142742	70479	10060	328615	0.030614	2.6364	945238	0.0349	13.412	0.030399	65
70	0.226926	60418	13711	269154	0.050939	2.5976	616623	0.0349	10.206	0.050580	70
75	0.352899	46708	16483	193086	0.085367	2.5458	347469	0.0349	7.439	0.084707	75
80	0.573410	30225	17331	106321	0.163007	2.4569	154383	0.0349	5.108	0.161763	80
85+	1.000000	12894	12894	48062	0.268269	3.7276	48062	0.0349	3.728	0.259928	85+

TABLE 4
OBSERVED AND PROJECTED VITAL RATES

	OBSERVED POPULATION BOTH SEXES	OBSERVED POPULATION MALES	OBSERVED POPULATION FEMALES	PROJECTED POPULATION 1967 MALES	1967 FEMALES	1972 MALES	1972 FEMALES	1977 MALES	1977 FEMALES	STABLE POPULATION MALES	STABLE POPULATION FEMALES
RATES PER THOUSAND											
Birth	37.37	37.59	37.15	35.99	35.46	36.92	36.25	39.42	38.57	38.56	37.59
Death	6.44	6.90	5.94	7.10	5.92	7.39	6.00	7.67	6.15	7.50	6.53
Increase	30.94	30.68	31.21	28.89	29.54	29.53	30.25	31.75	32.41	31.0596	
PERCENTAGE											
under 15	45.92	45.99	45.84	44.72	44.37	42.80	42.19	42.64	41.81	43.74	42.73
15-64	51.59	51.96	51.21	52.97	52.55	54.59	54.55	54.41	54.73	53.59	53.61
65 and over	2.49	2.05	2.95	2.30	3.09	2.61	3.26	2.94	3.47	2.67	3.66
DEP. RATIO X 100	93.82	92.46	95.26	88.78	90.31	83.20	83.31	83.77	82.73	86.60	86.54

TABLE 1
DATA

AGE AT LAST BIRTHDAY	POPULATION BOTH SEXES	MALES Number	MALES %	FEMALES Number	FEMALES %	BIRTHS BY AGE OF MOTHER	DEATHS BOTH SEXES	DEATHS MALES	DEATHS FEMALES	AGE AT LAST BIRTHDAY
0	393333	202452	3.4	190881	3.4	0	11181	5977	5204	0
1-4	1583905	813306	13.6	770599	13.5	0	9381	4751	4630	1-4
5-9	1841078	944273	15.7	896805	15.7	0	1848	1039	809	5-9
10-14	1551163	796411	13.3	754752	13.2	69	1095	634	461	10-14
15-19	967257	497319	8.3	469938	8.2	20045	1154	672	482	15-19
20-24	786557	319048	5.3	467509	8.2	117498	1655	951	704	20-24
25-29	854143	435895	7.3	418248	7.3	140691	1717	1010	707	25-29
30-34	786062	416829	6.9	369233	6.5	85150	1951	1179	772	30-34
35-39	693695	381338	6.4	312357	5.5	43346	2248	1355	893	35-39
40-44	575825	321177	5.4	254648	4.5	15438	2595	1694	901	40-44
45-49	470041	264819	4.4	205222	3.6	2013	3199	2109	1090	45-49
50-54	403465	223909	3.7	179556	3.2	0	3766	2448	1318	50-54
55-59	290713	154282	2.6	136431	2.4	0	4432	2909	1523	55-59
60-64	205797	103695	1.7	102102	1.8	0	5063	3180	1883	60-64
65-69	132771	62564	1.0	70207	1.2	0	5006	2932	2074	65-69
70-74	81725	34895	0.6	46830	0.8		5023	2647	2376	70-74
75-79	50623	19016	0.3	31607	0.6		4667	2139	2528	75-79
80-84	22854	7179	0.1	15675	0.3	218523 M.	3957	1412	2545	80-84
85+	6619	1519	0.0	5100	0.1	205727 F.	1796	441	1355	85+
TOTAL	11697626	5999926		5697700		424250	71734	39479	32255	TOTAL

TABLE 2
MALE LIFE TABLE

x	${}_nq_x$	l_x	${}_nd_x$	${}_nL_x$	${}_nm_x$	${}_na_x$	T_x	r_x	$\mathring{e}_x$	${}_nM_x$	x
0	0.029009	100000	2901	98259	0.029523	0.3997	6346996	0.0000	63.470	0.029523	0
1	0.023008	97099	2234	382435	0.005842	1.3317	6248738	0.0000	64.354	0.005842	1
5	0.005391	94865	511	473047	0.001081	2.5000	5866302	0.0223	61.838	0.001100	5
10	0.003993	94354	377	470856	0.000800	2.5777	5393256	0.0631	57.160	0.000796	10
15	0.006938	93977	652	468464	0.001392	2.8211	4922400	0.0898	52.379	0.001351	15
20	0.014807	93325	1382	463255	0.002983	2.5614	4453936	0.0107	47.725	0.002981	20
25	0.011518	91943	1059	457046	0.002317	2.4795	3990682	0.0000	43.404	0.002317	25
30	0.014060	90884	1278	451335	0.002831	2.5855	3533636	0.0105	38.881	0.002828	30
35	0.017674	89606	1584	444286	0.003565	2.6351	3082301	0.0223	34.398	0.003553	35
40	0.026188	88022	2305	434720	0.005303	2.6609	2638015	0.0310	29.970	0.005274	40
45	0.039243	85717	3364	420619	0.007997	2.6314	2203295	0.0281	25.704	0.007964	45
50	0.053755	82354	4427	401483	0.011026	2.6767	1782676	0.0420	21.647	0.010933	50
55	0.091356	77927	7119	373041	0.019084	2.6693	1381193	0.0573	17.724	0.018855	55
60	0.144224	70808	10212	329705	0.030973	2.6173	1008152	0.0546	14.238	0.030667	60
65	0.212380	60595	12869	271875	0.047335	2.5833	678446	0.0546	11.196	0.046864	65
70	0.321731	47726	15355	200532	0.076571	2.5188	406571	0.0546	8.519	0.075856	70
75	0.440410	32371	14257	125478	0.113618	2.4483	206039	0.0546	6.365	0.112484	75
80	0.652533	18115	11820	59363	0.199120	2.3597	80561	0.0546	4.447	0.196684	80
85+	*1.000000	6294	6294	21198	0.296930	3.3678	21198	0.0546	3.368	0.290323	85+

TABLE 3
FEMALE LIFE TABLE

x	${}_nq_x$	l_x	${}_nd_x$	${}_nL_x$	${}_nm_x$	${}_na_x$	T_x	r_x	$\mathring{e}_x$	${}_nM_x$	x
0	0.026831	100000	2683	98415	0.027263	0.4093	6796950	0.0000	67.970	0.027263	0
1	0.023658	97317	2302	383191	0.006008	1.3609	6698535	0.0000	68.832	0.006008	1
5	0.004398	95015	418	474028	0.000882	2.5000	6315344	0.0223	66.467	0.000902	5
10	0.003059	94597	289	472274	0.000613	2.5494	5841316	0.0639	61.750	0.000611	10
15	0.005160	94307	487	470406	0.001034	2.6777	5369042	0.0469	56.931	0.001026	15
20	0.007509	93821	704	467404	0.001507	2.5883	4898636	0.0102	52.213	0.001506	20
25	0.008431	93116	785	463672	0.001693	2.5687	4431231	0.0219	47.588	0.001690	25
30	0.010435	92331	963	459355	0.002097	2.6118	3967559	0.0270	42.971	0.002091	30
35	0.014249	91368	1302	453714	0.002869	2.6001	3508205	0.0343	38.397	0.002859	35
40	0.017640	90066	1589	446572	0.003558	2.6349	3054491	0.0382	33.914	0.003538	40
45	0.026342	88477	2331	436879	0.005335	2.6373	2607919	0.0296	29.476	0.005311	45
50	0.036273	86146	3125	423384	0.007381	2.6484	2171040	0.0331	25.202	0.007340	50
55	0.054883	83022	4557	404521	0.011264	2.6764	1747657	0.0446	21.051	0.011163	55
60	0.088988	78465	6982	375991	0.018571	2.6605	1343136	0.0346	17.118	0.018442	60
65	0.139054	71483	9940	334025	0.029758	2.6470	967145	0.0346	13.530	0.029541	65
70	0.227403	61543	13995	273990	0.051078	2.5903	633120	0.0346	10.287	0.050737	70
75	0.336679	47548	16008	198587	0.080611	2.5543	359130	0.0346	7.553	0.079982	75
80	0.576059	31539	18169	111011	0.163665	2.4698	160542	0.0346	5.090	0.162360	80
85+	1.000000	13371	13371	49531	0.269948	3.7044	49531	0.0346	3.704	0.265685	85+

TABLE 4
OBSERVED AND PROJECTED VITAL RATES

	OBSERVED POPULATION BOTH SEXES	OBSERVED POPULATION MALES	OBSERVED POPULATION FEMALES	PROJECTED POPULATION 1968 MALES	1968 FEMALES	1973 MALES	1973 FEMALES	1978 MALES	1978 FEMALES	STABLE POPULATION MALES	STABLE POPULATION FEMALES
RATES PER THOUSAND											
Birth	36.27	36.42	36.11	35.11	34.68	36.59	36.00	39.09	38.31	37.79	36.85
Death	6.13	6.58	5.66	6.82	5.67	7.15	5.77	7.45	5.94	7.31	6.37
Increase	30.14	29.84	30.45	28.29	29.02	29.43	30.23	31.64	32.37	30.4867	
PERCENTAGE											
under 15	45.90	45.94	45.86	43.97	43.68	42.16	41.62	42.20	41.45	43.23	42.25
15-64	51.58	51.97	51.17	53.65	53.19	55.12	55.05	54.68	54.99	53.95	53.93
65 and over	2.52	2.09	2.97	2.38	3.13	2.72	3.34	3.12	3.57	2.83	3.83
DEP. RATIO X 100	93.88	92.41	95.45	86.41	88.02	81.41	81.67	82.88	81.87	85.37	85.44

TABLE 1 DATA

AGE AT LAST BIRTHDAY	POPULATION BOTH SEXES	MALES Number	MALES %	FEMALES Number	FEMALES %	BIRTHS BY AGE OF MOTHER	DEATHS BOTH SEXES	DEATHS MALES	DEATHS FEMALES	AGE AT LAST BIRTHDAY
0	389831	200794	3.2	189037	3.2	0	9952	5434	4518	0
1-4	1597724	821207	13.3	776517	13.2	0	7889	3883	4006	1-4
5-9	1881225	964956	15.6	916269	15.6	0	1476	834	642	5-9
10-14	1640345	841146	13.6	799199	13.6	99	1050	620	430	10-14
15-19	1034519	531428	8.6	503091	8.6	18591	1193	702	491	15-19
20-24	788979	318826	5.1	470153	8.0	119329	1721	1044	677	20-24
25-29	874291	445106	7.2	429185	7.3	143520	1693	981	712	25-29
30-34	800932	423287	6.8	377645	6.4	80859	1865	1116	749	30-34
35-39	726344	400660	6.5	325684	5.5	39020	2336	1507	829	35-39
40-44	601833	336099	5.4	265734	4.5	13801	2673	1732	941	40-44
45-49	479417	270331	4.4	209086	3.6	1707	3053	2090	963	45-49
50-54	423222	236988	3.8	186234	3.2	0	3925	2660	1265	50-54
55-59	306874	163501	2.6	143373	2.4	0	4623	3032	1591	55-59
60-64	214322	108910	1.8	105412	1.8	0	5235	3300	1935	60-64
65-69	142067	67351	1.1	74716	1.3	0	5244	3051	2193	65-69
70-74	84887	36587	0.6	48300	0.8		5069	2724	2345	70-74
75-79	51469	19571	0.3	31898	0.5		4641	2102	2539	75-79
80-84	24643	7796	0.1	16847	0.3	215119 M.	3862	1445	2417	80-84
85+	7179	1741	0.0	5438	0.1	201807 F.	1761	483	1278	85+
TOTAL	12070103	6196285		5873818		416926	69261	38740	30521	TOTAL

TABLE 2 MALE LIFE TABLE

x	${}_nq_x$	l_x	${}_nd_x$	${}_nL_x$	${}_nm_x$	${}_na_x$	T_x	r_x	$\mathring{e}_x$	${}_nM_x$	x
0	0.026622	100000	2662	98372	0.027063	0.3886	6413188	0.0000	64.132	0.027063	0
1	0.018675	97338	1818	384446	0.004728	1.3015	6314816	0.0000	64.875	0.004728	1
5	0.004252	95520	406	476584	0.000852	2.5000	5930370	0.0178	62.085	0.000864	5
10	0.003710	95114	353	474737	0.000743	2.6425	5453785	0.0588	57.340	0.000737	10
15	0.006835	94761	648	472430	0.001371	2.8786	4979048	0.0953	52.543	0.001321	15
20	0.016256	94113	1530	466818	0.003277	2.5500	4506618	0.0151	47.885	0.003275	20
25	0.010958	92583	1015	460312	0.002204	2.4324	4039800	0.0000	43.634	0.002204	25
30	0.013113	91569	1201	454983	0.002639	2.6170	3579489	0.0078	39.091	0.002637	30
35	0.018690	90368	1689	447841	0.003771	2.6318	3124506	0.0193	34.575	0.003761	35
40	0.025594	88679	2270	438056	0.005181	2.6474	2676665	0.0339	30.184	0.005153	40
45	0.038130	86409	3295	424291	0.007765	2.6460	2238609	0.0271	25.907	0.007731	45
50	0.055094	83115	4579	404910	0.011309	2.6713	1814318	0.0383	21.829	0.011224	50
55	0.089905	78536	7061	376196	0.018769	2.6657	1409408	0.0582	17.946	0.018544	55
60	0.142621	71475	10194	333050	0.030607	2.6138	1033212	0.0568	14.456	0.030300	60
65	0.206103	61281	12630	275917	0.045775	2.5861	700162	0.0568	11.425	0.045300	65
70	0.316802	48651	15413	205033	0.075172	2.5202	424245	0.0568	8.720	0.074453	70
75	0.424891	33238	14123	130178	0.108487	2.4500	219212	0.0568	6.595	0.107404	75
80	0.628930	19116	12022	64058	0.187680	2.3782	89034	0.0568	4.658	0.185351	80
85+	*1.000000	7093	7093	24976	0.283997	3.5212	24976	0.0568	3.521	0.277427	85+

TABLE 3 FEMALE LIFE TABLE

x	${}_nq_x$	l_x	${}_nd_x$	${}_nL_x$	${}_nm_x$	${}_na_x$	T_x	r_x	$\mathring{e}_x$	${}_nM_x$	x
0	0.023567	100000	2357	98604	0.023900	0.4078	6895521	0.0000	68.955	0.023900	0
1	0.020358	97643	1988	385318	0.005159	1.3561	6796917	0.0000	69.610	0.005159	1
5	0.003430	95656	328	477457	0.000687	2.5000	6411599	0.0173	67.028	0.000701	5
10	0.002705	95327	258	476021	0.000542	2.6126	5934142	0.0593	62.250	0.000538	10
15	0.004917	95070	467	474267	0.000986	2.6880	5458120	0.0521	57.412	0.000976	15
20	0.007185	94602	680	471375	0.001442	2.5949	4983853	0.0145	52.682	0.001440	20
25	0.008273	93922	777	467720	0.001661	2.5648	4512478	0.0202	48.045	0.001659	25
30	0.009893	93145	921	463505	0.001988	2.5892	4044758	0.0256	43.424	0.001983	30
35	0.012703	92224	1171	458333	0.002556	2.6218	3581253	0.0325	38.832	0.002545	35
40	0.017644	91052	1606	451428	0.003559	2.6135	3122920	0.0408	34.298	0.003541	40
45	0.022882	89446	2047	442390	0.004626	2.6357	2671492	0.0307	29.867	0.004606	45
50	0.033635	87399	2940	430181	0.006834	2.6818	2229102	0.0305	25.505	0.006793	50
55	0.054604	84459	4612	411630	0.011204	2.6870	1798921	0.0452	21.299	0.011097	55
60	0.088650	79848	7078	382677	0.018497	2.6603	1387291	0.0382	17.374	0.018357	60
65	0.138228	72769	10059	340084	0.029577	2.6377	1004614	0.0382	13.805	0.029351	65
70	0.218861	62710	13725	280565	0.048919	2.5965	664530	0.0382	10.597	0.048551	70
75	0.335128	48986	16416	204603	0.080236	2.5436	383965	0.0382	7.838	0.079597	75
80	0.526944	32569	17162	118701	0.144583	2.4877	179362	0.0382	5.507	0.143468	80
85+	1.000000	15407	15407	60662	0.253983	3.9373	60662	0.0382	3.937	0.235014	85+

TABLE 4 OBSERVED AND PROJECTED VITAL RATES

	OBSERVED POPULATION BOTH SEXES	OBSERVED POPULATION MALES	OBSERVED POPULATION FEMALES	PROJECTED POPULATION 1969 MALES	1969 FEMALES	1974 MALES	1974 FEMALES	1979 MALES	1979 FEMALES	STABLE POPULATION MALES	STABLE POPULATION FEMALES
RATES PER THOUSAND											
Birth	34.54	34.72	34.36	33.84	33.36	35.98	35.31	38.53	37.66	36.47	35.47
Death	5.74	6.25	5.20	6.56	5.27	6.94	5.42	7.23	5.61	7.18	6.18
Increase	28.80	28.47	29.16	27.28	28.09	29.04	29.90	31.30	32.06	29.2897	
PERCENTAGE											
under 15	45.64	45.64	45.64	43.13	42.82	41.30	40.69	41.53	40.68	42.34	41.27
15-64	51.79	52.21	51.34	54.40	53.97	55.85	55.86	55.19	55.62	54.60	54.58
65 and over	2.57	2.15	3.02	2.47	3.21	2.85	3.45	3.29	3.69	3.06	4.15
DEP. RATIO X 100	93.10	91.53	94.78	83.83	85.28	79.07	79.02	81.21	79.78	83.14	83.21

TABLE 1
DATA

AGE AT LAST BIRTHDAY	POPULATION BOTH SEXES	MALES Number	MALES %	FEMALES Number	FEMALES %	BIRTHS BY AGE OF MOTHER	DEATHS BOTH SEXES	DEATHS MALES	DEATHS FEMALES	AGE AT LAST BIRTHDAY
0	381211	196410	3.1	184801	3.1	0	9020	4881	4139	0
1-4	1606979	826603	12.9	780376	12.9	0	7558	3930	3628	1-4
5-9	1912245	980979	15.3	931266	15.4	0	1430	821	609	5-9
10-14	1719559	881597	13.8	837962	13.9	127	1051	642	409	10-14
15-19	1137819	582253	9.1	555566	9.2	20422	1215	707	508	15-19
20-24	777031	315178	4.9	461853	7.6	120475	1545	924	621	20-24
25-29	894615	453271	7.1	441344	7.3	143235	1674	1018	656	25-29
30-34	814948	427463	6.7	387485	6.4	75735	1829	1086	743	30-34
35-39	756621	418474	6.5	338147	5.6	33798	2173	1417	756	35-39
40-44	631222	353886	5.5	277336	4.6	11442	2588	1705	883	40-44
45-49	495993	280270	4.4	215723	3.6	1370	3076	2090	986	45-49
50-54	439094	247632	3.9	191462	3.2	0	3940	2663	1277	50-54
55-59	322744	172597	2.7	150147	2.5	0	4729	3174	1555	55-59
60-64	226489	115706	1.8	110783	1.8	0	5380	3422	1958	60-64
65-69	150355	71755	1.1	78600	1.3	0	5300	3119	2181	65-69
70-74	89487	38976	0.6	50511	0.8		5157	2717	2440	70-74
75-79	52225	19977	0.3	32248	0.5		4499	2029	2470	75-79
80-84	26064	8259	0.1	17805	0.3	209793 M.	3873	1424	2449	80-84
85+	7814	1951	0.0	5863	0.1	196811 F.	1850	512	1338	85+
TOTAL	12442515	6393237		6049278		406604	67887	38281	29606	TOTAL

TABLE 2
MALE LIFE TABLE

x	${}_nq_x$	l_x	${}_nd_x$	${}_nL_x$	${}_nm_x$	${}_na_x$	T_x	r_x	$\mathring{e}_x$	${}_nM_x$	x
0	0.024484	100000	2448	98524	0.024851	0.3971	6480725	0.0000	64.807	0.024851	0
1	0.018779	97552	1832	385305	0.004754	1.3242	6382201	0.0000	65.424	0.004754	1
5	0.004131	95720	395	477610	0.000828	2.5000	5996896	0.0132	62.651	0.000837	5
10	0.003658	95324	349	475792	0.000733	2.6204	5519287	0.0513	57.900	0.000728	10
15	0.006285	94976	597	473600	0.001260	2.8585	5043495	0.1013	53.103	0.001214	15
20	0.014578	94379	1376	468546	0.002936	2.5669	4569896	0.0226	48.421	0.002932	20
25	0.011166	93003	1038	462373	0.002246	2.4570	4101350	0.0000	44.099	0.002246	25
30	0.012632	91964	1162	457020	0.002542	2.5879	3638977	0.0054	39.569	0.002541	30
35	0.016832	90803	1528	450396	0.003393	2.6333	3181958	0.0154	35.043	0.003386	35
40	0.023966	89274	2140	441372	0.004847	2.6635	2731562	0.0350	30.597	0.004818	40
45	0.036811	87135	3208	428133	0.007492	2.6491	2290189	0.0282	26.283	0.007457	45
50	0.052853	83927	4436	409355	0.010836	2.6822	1862056	0.0368	22.187	0.010754	50
55	0.089164	79491	7088	380916	0.018607	2.6663	1452701	0.0569	18.275	0.018390	55
60	0.139389	72404	10092	337888	0.029869	2.6090	1071785	0.0578	14.803	0.029575	60
65	0.198481	62311	12368	281654	0.043911	2.5822	733898	0.0578	11.778	0.043467	65
70	0.299730	49944	14970	212684	0.070385	2.5260	452244	0.0578	9.055	0.069710	70
75	0.407035	34974	14236	138744	0.102604	2.4623	239560	0.0578	6.850	0.101567	75
80	0.597453	20738	12390	71032	0.174433	2.4010	100816	0.0578	4.861	0.172418	80
85+	1.000000	8348	8348	29784	0.280292	3.5677	29784	0.0578	3.568	0.262429	85+

TABLE 3
FEMALE LIFE TABLE

x	${}_nq_x$	l_x	${}_nd_x$	${}_nL_x$	${}_nm_x$	${}_na_x$	T_x	r_x	$\mathring{e}_x$	${}_nM_x$	x
0	0.022102	100000	2210	98684	0.022397	0.4046	6969340	0.0000	69.693	0.022397	0
1	0.018370	97790	1796	386392	0.004649	1.3460	6870656	0.0000	70.259	0.004649	1
5	0.003220	95993	309	479194	0.000645	2.5000	6484264	0.0126	67.549	0.000654	5
10	0.002452	95684	235	477862	0.000491	2.6165	6005070	0.0510	62.759	0.000488	10
15	0.004614	95450	440	476231	0.000925	2.6907	5527208	0.0587	57.907	0.000914	15
20	0.006714	95009	638	473505	0.001347	2.5847	5050977	0.0217	53.163	0.001345	20
25	0.007415	94371	700	470161	0.001488	2.5768	4577471	0.0160	48.505	0.001486	25
30	0.009562	93672	896	466189	0.001921	2.5781	4107310	0.0248	43.848	0.001917	30
35	0.011160	92776	1035	461408	0.002244	2.6133	3641121	0.0311	39.246	0.002236	35
40	0.015901	91741	1459	455267	0.003204	2.6451	3179713	0.0417	34.660	0.003184	40
45	0.022725	90282	2052	446583	0.004594	2.6476	2724446	0.0324	30.177	0.004571	45
50	0.033008	88230	2912	434350	0.006705	2.6647	2277863	0.0293	25.817	0.006670	50
55	0.051040	85318	4355	416538	0.010454	2.6919	1843513	0.0436	21.608	0.010357	55
60	0.085511	80963	6923	388626	0.017815	2.6615	1426975	0.0397	17.625	0.017674	60
65	0.131294	74040	9721	347375	0.027984	2.6520	1038349	0.0397	14.024	0.027748	65
70	0.217946	64319	14018	287925	0.048686	2.5981	690974	0.0397	10.743	0.048306	70
75	0.324514	50301	16323	211396	0.077217	2.5429	403049	0.0397	8.013	0.076594	75
80	0.511468	33978	17378	125342	0.138648	2.5033	191653	0.0397	5.641	0.137546	80
85+	1.000000	16599	16599	66311	0.250321	3.9949	66311	0.0397	3.995	0.228212	85+

TABLE 4
OBSERVED AND PROJECTED VITAL RATES

	OBSERVED POPULATION BOTH SEXES	OBSERVED POPULATION MALES	OBSERVED POPULATION FEMALES	PROJECTED POPULATION 1970 MALES	1970 FEMALES	1975 MALES	1975 FEMALES	1980 MALES	1980 FEMALES	STABLE POPULATION MALES	STABLE POPULATION FEMALES
RATES PER THOUSAND											
Birth	32.68	32.81	32.53	32.73	32.30	35.62	34.99	37.86	37.02	35.18	34.13
Death	5.46	5.99	4.89	6.35	5.01	6.78	5.20	7.09	5.40	7.19	6.15
Increase	27.22	26.83	27.64	26.38	27.29	28.84	29.79	30.77	31.62	27.9810	
PERCENTAGE											
under 15	45.17	45.14	45.20	42.08	41.84	40.30	39.76	40.75	39.98	41.30	40.20
15-64	52.21	52.66	51.74	55.32	54.85	56.68	56.65	55.77	56.19	55.32	55.26
65 and over	2.62	2.20	3.06	2.60	3.31	3.02	3.59	3.47	3.83	3.38	4.53
DEP. RATIO X 100	91.52	89.89	93.28	80.78	82.31	76.43	76.51	79.30	77.96	80.75	80.95