

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

340 Germany (East) 1952
Including East Berlin

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	292854	150417	1.8	142437	1.4	0	18086	10300	7786	0
1-4	1004136	512847	6.3	491289	4.8	0	2529	1403	1126	1-4
5-9	1095869	556827	6.8	539042	5.3	0	888	540	348	5-9
10-14	1670154	847832	10.4	822322	8.1	25	1132	717	415	10-14
15-19	1489567	751488	9.2	738079	7.3	27277	1677	1006	671	15-19
20-24	1185348	554149	6.8	631199	6.2	102884	1958	1099	859	20-24
25-29	1051102	418072	5.1	633030	6.2	86890	1727	778	949	25-29
30-34	992821	376371	4.6	616450	6.1	52678	1907	763	1144	30-34
35-39	963598	368598	4.5	595000	5.8	24695	2646	1124	1522	35-39
40-44	1394183	560269	6.9	833914	8.2	10345	4907	2253	2654	40-44
45-49	1474282	645515	7.9	828767	8.1	1210	7857	4043	3824	45-49
50-54	1410071	619644	7.6	790427	7.8	0	11508	6388	5120	50-54
55-59	1191880	487796	6.0	704084	6.9	0	14230	7521	6709	55-59
60-64	1035619	426915	5.2	608704	6.0	0	19640	10337	9303	60-64
65-69	843910	357812	4.4	486098	4.8	0	26179	13022	13157	65-69
70-74	619967	266094	3.3	353873	3.5	0	32788	15691	17097	70-74
75-79	396960	170184	2.1	226776	2.2	158109 M.	35713	16350	19363	75-79
80-84	162173	66452	0.8	95721	0.9	147895 F.	23721	10385	13336	80-84
85+	53751	19639	0.2	34112	0.3		12573	4889	7684	85+
TOTAL	18328245	8156921		10171324		306004	221676	108609	113067	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	\hat{e}_x	nM_x	x
0	0.064398	100000	6440	95045	0.067755	0.2306	6428333	0.3136	64.283	0.068476	0
1	0.010646	93560	996	371340	0.002682	1.3879	6333288	0.3136	67.692	0.002736	1
5	0.004837	92564	448	461701	0.000970	2.5000	5961947	0.0000	64.409	0.000970	5
10	0.004220	92116	389	459645	0.000846	2.5905	5500246	0.0000	59.710	0.000846	10
15	0.006721	91728	617	457204	0.001348	2.6734	5040601	0.3411	54.952	0.001339	15
20	0.009899	91111	902	453347	0.001989	2.5506	4583397	0.3568	50.306	0.001983	20
25	0.009263	90209	836	448958	0.001861	2.5002	4130050	0.0368	45.783	0.001861	25
30	0.010100	89374	903	444717	0.002030	2.6162	3681093	0.0104	41.188	0.002027	30
35	0.015138	88471	1339	439180	0.003049	2.6296	3236376	0.0000	36.581	0.003049	35
40	0.019919	87132	1736	431590	0.004021	2.6557	2797196	0.0000	32.103	0.004021	40
45	0.030870	85396	2636	420900	0.006263	2.6931	2365606	0.0000	27.702	0.006263	45
50	0.050490	82760	4179	404027	0.010342	2.6611	1944706	0.0176	23.498	0.010309	50
55	0.074671	78581	5868	379110	0.015478	2.6487	1540679	0.0211	19.606	0.015418	55
60	0.115050	72714	8366	343687	0.024341	2.6235	1161569	0.0302	15.975	0.024213	60
65	0.168240	64348	10826	295822	0.036596	2.6060	817882	0.0302	12.710	0.036393	65
70	0.259177	53522	13872	233889	0.059309	2.5691	522060	0.0302	9.754	0.058968	70
75	0.388992	39650	15424	159629	0.096622	2.4958	288171	0.0302	7.268	0.096072	75
80	0.559813	24227	13562	86236	0.157271	2.4269	128542	0.0302	5.306	0.156279	80
85+	*1.000000	10664	10664	42306	0.252075	3.9671	42306	0.0302	3.967	0.248943	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	\hat{e}_x	nM_x	x
0	0.051969	100000	5197	96031	0.054117	0.2363	6832254	0.3129	68.323	0.054663	0
1	0.008946	94803	848	376746	0.002251	1.0918	6736223	0.3129	71.055	0.002292	1
5	0.003223	93955	303	469018	0.000646	2.5000	6359477	0.0000	67.686	0.000646	5
10	0.002520	93652	236	467697	0.000505	2.6085	5890459	0.0000	62.897	0.000505	10
15	0.004559	93416	426	466099	0.000914	2.6935	5422762	0.3255	58.050	0.000909	15
20	0.006791	92990	631	463428	0.001363	2.5871	4956664	0.0141	53.303	0.001361	20
25	0.007469	92359	690	460115	0.001499	2.5652	4493236	0.0008	48.650	0.001499	25
30	0.009243	91669	847	456324	0.001857	2.6143	4033121	0.0043	43.997	0.001856	30
35	0.012712	90822	1155	451341	0.002558	2.6027	3576798	0.0000	39.383	0.002558	35
40	0.015794	89667	1416	444975	0.003183	2.6265	3125457	0.0000	34.856	0.003183	40
45	0.022824	88251	2014	436499	0.004615	2.6385	2680482	0.0007	30.373	0.004614	45
50	0.031948	86237	2755	424690	0.006487	2.6428	2243983	0.0096	26.021	0.006478	50
55	0.046748	83482	3903	408312	0.009558	2.6691	1819294	0.3161	21.793	0.009529	55
60	0.074419	79579	5922	384247	0.015412	2.6954	1410982	0.0366	17.731	0.015283	60
65	0.128376	73657	9456	346331	0.027303	2.6783	1026735	0.0366	13.939	0.027067	65
70	0.218308	64201	14016	287706	0.048715	2.6241	680403	0.0366	10.598	0.048314	70
75	0.354737	50186	17803	206969	0.086016	2.5308	392698	0.0366	7.825	0.085384	75
80	0.514029	32383	16646	118700	0.140234	2.4741	185729	0.0366	5.735	0.139322	80
85+	1.000000	15737	15737	67029	0.234780	4.2593	67029	0.0366	4.259	0.225259	85+

TABLE 4
OBSERVED AND PROJECTED VITAL RATES

RATES PER THOUSAND	OBSERVED POPULATION			PROJECTED POPULATION				STABLE POPULATION			
	BOTH SEXES	MALES	FEMALES	1957		1962		1967		MALES	FEMALES
Birth	16.70	19.38	14.54	19.89	15.13	20.32	15.72	18.50	14.59	16.86	15.91
Death	12.09	13.31	11.12	14.40	12.67	14.86	13.86	14.84	14.75	14.62	13.68
Increase	4.60	6.07	3.42	5.48	2.47	5.46	1.86	3.66	-0.16		2.2311
PERCENTAGE											
under 15	22.17	25.35	19.61	23.44	18.25	25.50	20.08	26.34	21.09	23.01	22.05
15-64	66.50	63.86	68.62	65.17	68.28	62.84	64.95	61.16	62.53	65.29	64.10
65 and over	11.33	10.79	11.76	11.39	13.47	11.66	14.96	12.50	16.37	11.70	13.85
DEP. RATIO X 100	50.37	56.60	45.73	53.44	46.47	59.14	53.96	63.50	59.92	53.16	56.01

342 Germany (East) 1953-55
Including East Berlin

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	285139	146584	1.8	138555	1.4	0	15036	8684	6352	0
1-4	1102700	565148	7.0	537552	5.4	0	2358	1308	1050	1-4
5-9	986150	500755	6.2	485395	4.9	0	676	400	276	5-9
10-14	1503624	764385	9.5	739239	7.4	34	771	478	293	10-14
15-19	1589756	805286	10.0	784470	7.8	31903	1421	885	536	15-19
20-24	1179708	571776	7.1	607932	6.1	100506	1573	957	616	20-24
25-29	1069394	454696	5.6	614698	6.1	81676	1559	786	773	25-29
30-34	1066723	403626	5.0	663097	6.6	52676	1738	718	1020	30-34
35-39	736428	278907	3.5	457521	4.6	18823	1697	692	1005	35-39
40-44	1289237	505728	6.3	783509	7.8	8947	4013	1797	2216	40-44
45-49	1426774	604480	7.5	822294	8.2	744	6571	3306	3265	45-49
50-54	1408882	625982	7.8	782900	7.8	0	10477	5824	4653	50-54
55-59	1222113	507147	6.3	714966	7.1	0	14027	7642	6385	55-59
60-64	1034442	418239	5.2	616203	6.2	0	18533	9646	8887	60-64
65-69	873012	363807	4.5	509205	5.1	0	25929	13181	12748	65-69
70-74	625467	264946	3.3	360521	3.6	0	31829	15324	16505	70-74
75-79	416784	176236	2.2	240548	2.4	0	36625	16811	19814	75-79
80-84	181678	76117	0.9	105561	1.1	152760 M.	26097	11515	14582	80-84
85+	60925	22436	0.3	38489	0.4	142549 F.	14578	5720	8858	85+
TOTAL	18058936	8056281		10002655		295309	215508	105674	109834	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	e_x	nM_x	x
0	0.056586	100000	5659	95639	0.059166	0.2294	6567868	0.0016	65.679	0.059242	0
1	0.009174	94341	865	374844	0.002309	1.0871	6472228	0.0016	68.604	0.002314	1
5	0.003986	93476	373	466448	0.000799	2.5000	6097384	0.0000	65.229	0.000799	5
10	0.003122	93103	291	464819	0.000625	2.5996	5630936	0.0000	60.480	0.000625	10
15	0.005512	92813	512	462885	0.001105	2.6963	5166117	0.0279	55.662	0.001099	15
20	0.008371	92301	773	459632	0.001681	2.5746	4703232	0.3556	50.955	0.001674	20
25	0.008610	91528	788	455679	0.001729	2.5091	4243601	0.0331	46.364	0.001729	25
30	0.008892	90740	807	451752	0.001786	2.5829	3787921	0.0470	41.745	0.001779	30
35	0.012333	89934	1109	447053	0.002481	2.6424	3336169	0.0000	37.096	0.002481	35
40	0.017620	88824	1565	440469	0.003553	2.6660	2889117	0.3000	32.526	0.003553	40
45	0.027007	87259	2357	430886	0.005469	2.7040	2448648	0.0000	28.062	0.005469	45
50	0.045616	84903	3873	415574	0.009319	2.6918	2017762	0.0079	23.766	0.009304	50
55	0.073096	81030	5923	391253	0.015138	2.6540	1602188	0.0249	19.773	0.015069	55
60	0.109843	75107	8250	356008	0.023174	2.6332	1210935	0.0261	16.123	0.023063	60
65	0.167468	66857	11196	307528	0.036408	2.6103	854927	0.0261	12.787	0.036231	65
70	0.254682	55660	14176	243871	0.058128	2.5711	547400	0.0261	9.835	0.057838	70
75	0.386529	41485	16035	167283	0.095856	2.4967	303529	0.0261	7.317	0.095389	75
80	0.546963	25450	13920	91510	0.152115	2.4326	136246	0.0261	5.354	0.151279	80
85+	*1.000000	11530	11530	44737	0.257721	3.8802	44737	0.0261	3.880	0.254947	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	e_x	nM_x	x
0	0.044253	100000	4425	96633	0.045795	0.2391	6982575	0.0014	69.826	0.045845	0
1	0.007754	95575	741	380145	0.001950	1.0938	6885942	0.0014	72.048	0.001953	1
5	0.002839	94834	269	473495	0.000569	2.5000	6505797	0.3000	68.602	0.000569	5
10	0.001980	94564	187	472365	0.000396	2.5599	6032302	0.0000	63.790	0.000396	10
15	0.003423	94377	323	471138	0.000686	2.6867	5559937	0.0189	58.912	0.000683	15
20	0.005068	94054	477	469134	0.001016	2.6152	5088799	0.3234	54.105	0.001013	20
25	0.006269	93577	587	466470	0.001258	2.5847	4619665	0.0000	49.367	0.001258	25
30	0.007690	92991	715	463254	0.001544	2.6228	4153195	0.0279	44.662	0.001538	30
35	0.010926	92276	1008	458976	0.002197	2.6172	3689940	0.0000	39.988	0.002197	35
40	0.014047	91268	1282	453291	0.002828	2.6238	3230964	0.0000	35.401	0.002828	40
45	0.019670	89985	1770	445775	0.003971	2.6538	2777673	0.0000	30.868	0.003971	45
50	0.029348	88215	2589	435019	0.005951	2.6598	2331898	0.0079	26.434	0.005943	50
55	0.043867	85627	3756	419402	0.008956	2.6757	1896880	0.0146	22.153	0.008930	55
60	0.070316	81870	5757	396069	0.014535	2.6926	1477478	0.0346	18.047	0.014422	60
65	0.119272	76114	9078	359579	0.025247	2.6880	1081409	0.0346	14.208	0.025035	65
70	0.208082	67035	13949	302224	0.046154	2.6376	721830	0.0346	10.768	0.045781	70
75	0.344614	53086	18294	220497	0.082969	2.5437	419606	0.0346	7.904	0.082370	75
80	0.511340	34792	17791	127967	0.139025	2.4849	199109	0.0346	5.723	0.138138	80
85+	1.000000	17002	17002	71142	0.238981	4.1844	71142	0.0346	4.184	0.230143	85+

TABLE 4
OBSERVED AND PROJECTED VITAL RATES

RATES PER THOUSAND	OBSERVED POPULATION			PROJECTED POPULATION				STABLE POPULATION			
	BOTH SEXES	MALES	FEMALES	MALES	FEMALES	MALES	FEMALES	MALES	FEMALES		
Birth	16.35	18.96	14.25	19.99	15.25	19.66	15.25	17.60	13.92	16.51	15.58
Death	11.93	13.12	10.98	13.99	12.44	14.31	13.62	14.25	14.50	14.28	13.34
Increase	4.42	5.84	3.27	6.00	2.80	5.35	1.64	3.35	-0.58		2.2317
PERCENTAGE											
under 15	21.47	24.54	19.00	23.54	18.36	25.14	20.61	26.08	20.93	22.76	21.79
15-64	66.58	64.25	68.46	64.83	67.38	61.81	63.57	60.94	61.86	65.27	63.93
65 and over	11.95	11.22	12.54	11.63	14.26	12.06	15.82	12.98	17.20	11.98	14.28
DEP. RATIO X 100	50.20	55.65	46.08	54.25	48.41	61.79	57.31	64.10	61.65	53.22	56.43

343 Germany (East) 1956-58
Including East Berlin

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	267752	137502	1.8	130250	1.3	0	12503	7202	5301	0
1-4	1094197	561721	7.2	532476	5.5	0	12126	1219	907	1-4
5-9	1203025	614531	7.8	588494	6.1	0	735	465	270	5-9
10-14	1035966	525831	6.7	510135	5.3	26	504	305	199	10-14
15-19	1522834	771968	9.8	750866	7.8	32262	1353	898	455	15-19
20-24	1278385	644778	8.2	633607	6.5	101986	1586	1049	537	20-24
25-29	1075876	504106	6.4	571770	5.9	72803	1420	848	572	25-29
30-34	961193	380411	4.9	580782	6.0	42532	1496	689	807	30-34
35-39	884999	335534	4.3	549465	5.7	20415	1800	768	1032	35-39
40-44	918835	349099	4.5	569736	5.9	4868	2764	1195	1569	40-44
45-49	1293762	517723	6.6	776039	8.0	445	5634	2671	2963	45-49
50-54	1364208	593383	7.6	770825	8.0	0	9566	5240	4326	50-54
55-59	1279950	553029	7.1	726921	7.5	0	14582	8392	6190	55-59
60-64	1061068	424707	5.4	636361	6.6	0	19074	10157	8917	60-64
65-69	891195	358743	4.6	532452	5.5	0	26226	13372	12854	65-69
70-74	665181	273591	3.5	391590	4.0	0	33279	16035	17244	70-74
75-79	427738	177503	2.3	250235	2.6	0	36799	16920	19879	75-79
80-84	216347	89090	1.1	127257	1.3	142155 M.	30496	13548	16948	80-84
85+	74830	27685	0.4	47145	0.5	133182 F.	17722	7198	10524	85+
TOTAL	17517341	7840935		9676406		275337	219665	108171	111494	TOTAL

TABLE 2
MALE LIFE TABLE

x	nq_x	l_x	$n d_x$	nL_x	m_x	a_x	T_x	r_x	e_x	nM_x	x
0	0.050362	100000	5036	96152	0.052377	0.2359	6619335	0.0000	66.193	0.052377	0
1	0.008626	94964	819	377473	0.002170	1.0916	6523183	0.0000	68.691	0.002170	1
5	0.003739	94145	352	469843	0.000749	2.5000	6145711	0.0274	65.279	0.000757	5
10	0.002896	93793	272	468324	0.000580	2.6461	5675867	0.0000	60.515	0.000580	10
15	0.005801	93521	542	466350	0.001163	2.6858	5207544	0.0000	55.683	0.001163	15
20	0.008125	92979	755	463052	0.001631	2.5637	4741194	0.0411	50.992	0.001627	20
25	0.008386	92223	773	459197	0.001684	2.5192	4278142	0.0511	46.389	0.001682	25
30	0.009040	91450	827	455236	0.001816	2.5653	3818945	0.0388	41.760	0.001811	30
35	0.011393	90623	1032	450678	0.002291	2.6401	3363710	0.0062	37.118	0.002289	35
40	0.016980	89591	1521	444402	0.003423	2.6661	2913031	0.0000	32.515	0.003423	40
45	0.025494	88069	2245	435190	0.005159	2.7035	2468629	0.0000	28.031	0.005159	45
50	0.043279	85824	3714	420625	0.008831	2.7127	2033439	0.0000	23.693	0.008831	50
55	0.073538	82110	6038	396479	0.015229	2.6699	1612814	0.0179	19.642	0.015175	55
60	0.113565	76071	8639	359913	0.024003	2.6335	1216336	0.0199	15.989	0.023915	60
65	0.171655	67432	11575	309419	0.037409	2.6032	856422	0.0199	12.700	0.037275	65
70	0.257269	55857	14370	244285	0.058826	2.5643	547004	0.0199	9.793	0.058609	70
75	0.385884	41487	16009	167330	0.095674	2.4949	302719	0.0199	7.297	0.095322	75
80	0.548531	25478	13975	91512	0.152717	2.4328	135389	0.0199	5.314	0.152070	80
85+	*1.000000	11502	11502	43877	0.262150	3.8146	43877	0.0199	3.815	0.259996	85+

TABLE 3
FEMALE LIFE TABLE

x	nq_x	l_x	$n d_x$	nL_x	m_x	a_x	T_x	r_x	e_x	nM_x	x
0	0.039474	100000	3947	96990	0.040699	0.2374	7079164	0.0000	70.792	0.040699	0
1	0.006780	96053	651	382317	0.001703	1.0927	6982174	0.0000	72.691	0.001703	1
5	0.002263	95401	216	476467	0.000453	2.5000	6599857	0.0254	69.180	0.000459	5
10	0.001949	95185	185	475479	0.000390	2.5803	6123390	0.0000	64.331	0.000390	10
15	0.003026	95000	287	474327	0.000606	2.6566	5647911	0.0000	59.452	0.000606	15
20	0.004240	94713	402	472597	0.000850	2.5952	5173585	0.0264	54.624	0.000848	20
25	0.004994	94311	471	470429	0.001001	2.6099	4700987	0.0077	49.846	0.001000	25
30	0.006927	93840	650	467658	0.001390	2.6283	4230558	0.0026	45.083	0.001390	30
35	0.009350	93190	871	463899	0.001878	2.6466	3762900	0.0000	40.379	0.001878	35
40	0.013681	92319	1263	458613	0.002754	2.6405	3299001	0.0000	35.735	0.002754	40
45	0.018921	91056	1723	451224	0.003818	2.6465	2840387	0.0000	31.194	0.003818	45
50	0.027701	89333	2475	440876	0.005613	2.6609	2389164	0.0008	26.745	0.005612	50
55	0.041838	86858	3634	425875	0.008533	2.6840	1948288	0.0102	22.431	0.008515	55
60	0.068303	83224	5684	403012	0.014105	2.6939	1522412	0.0292	18.293	0.014012	60
65	0.115096	77540	8925	367073	0.024313	2.6888	1119400	0.0292	14.436	0.024141	65
70	0.200717	68615	13772	310605	0.044340	2.6423	752327	0.0292	10.964	0.044036	70
75	0.334202	54843	18329	229311	0.079930	2.5500	441722	0.0292	8.054	0.079441	75
80	0.497718	36514	18174	135734	0.133893	2.5001	212412	0.0292	5.817	0.133179	80
85+	1.000000	18341	18341	76677	0.239191	4.1808	76677	0.0292	4.181	0.223225	85+

TABLE 4
OBSERVED AND PROJECTED VITAL RATES

RATES PER THOUSAND	OBSERVED POPULATION			PROJECTED POPULATION				STABLE POPULATION			
	BOTH SEXES	MALES	FEMALES	MALES	FEMALES	MALES	FEMALES	MALES	FEMALES		
Birth	15.72	18.13	13.76	18.72	14.39	17.33	13.53	16.81	13.37	15.64	14.65
Death	12.54	13.80	11.52	14.43	12.96	14.55	14.06	14.49	15.04	14.69	13.70
Increase	3.18	4.33	2.24	4.29	1.43	2.78	-0.53	2.32	-1.67	0.9493	
PERCENTAGE											
under 15	20.56	23.46	18.20	24.93	19.47	25.36	20.07	24.61	19.84	21.92	20.82
15-64	66.45	64.72	67.86	62.89	64.77	61.61	62.51	61.71	61.37	65.58	63.90
65 and over	12.99	11.82	13.94	12.17	15.76	13.03	17.42	13.68	18.79	12.49	15.28
DEP. RATIO X 100	50.48	54.51	47.36	59.00	54.39	62.32	59.97	62.06	62.95	52.48	56.49

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	283922	145625	1.9	138297	1.5	0	11134	6391	4743	0
1-4	1053549	540612	7.0	512937	5.4	0	1772	1015	757	1-4
5-9	1336463	685389	8.8	651074	6.9	0	735	438	297	5-9
10-14	960243	488187	6.3	472056	5.0	35	414	249	165	10-14
15-19	1250048	633443	8.2	616605	6.5	35189	1100	776	324	15-19
20-24	1401108	709037	9.1	692071	7.3	117961	1701	1185	516	20-24
25-29	1118814	557472	7.2	561342	5.9	75836	1422	890	532	25-29
30-34	1017611	451924	5.8	565687	6.0	41303	1539	851	688	30-34
35-39	967898	369751	4.8	598147	6.3	20281	1902	853	1049	35-39
40-44	678647	256943	3.3	421704	4.4	4325	1919	843	1076	40-44
45-49	1110665	428536	5.5	682129	7.2	332	4831	2255	2576	45-49
50-54	1293897	533882	6.9	760015	8.0	0	8817	4662	4155	50-54
55-59	1291091	567315	7.3	723776	7.6	0	14671	8642	6029	55-59
60-64	1117915	461275	5.9	656640	6.9	0	20507	11605	8902	60-64
65-69	892502	348263	4.5	544239	5.7	0	26424	13482	12942	65-69
70-74	701916	278606	3.6	423310	4.5	0	35128	16745	18383	70-74
75-79	439617	176697	2.3	262920	2.8	0	38249	17134	21115	75-79
80-84	233924	94103	1.2	139821	1.5	152054 M.	34126	14772	19354	80-84
85+	90696	34096	0.4	56600	0.6	143208 F.	22405	9070	13335	85+
TOTAL	17240526	7761156		9479370		295262	228796	111858	116938	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	0.042280	100000	4228	96784	0.043685	0.2393	6669285	0.0059	66.693	0.043887	0
1	0.007410	95772	710	381025	0.001863	1.0940	6572502	0.0059	68.627	0.001878	1
5	0.003152	95062	300	474562	0.000631	2.5000	6191476	0.0331	65.131	0.000639	5
10	0.002552	94763	242	473266	0.000511	2.7392	5716914	0.0072	60.329	0.000510	10
15	0.006108	94521	577	471273	0.001225	2.6950	5243648	0.0000	55.476	0.001225	15
20	0.008327	93943	782	467796	0.001672	2.5438	4772374	0.0112	50.800	0.001671	20
25	0.007961	93161	742	463970	0.001598	2.5243	4304578	0.0434	46.206	0.001596	25
30	0.009402	92420	869	459992	0.001889	2.5757	3840608	0.0392	41.556	0.001883	30
35	0.011549	91551	1057	455236	0.002323	2.6191	3380616	0.0541	36.926	0.002307	35
40	0.016280	90493	1473	449046	0.003281	2.6777	2925380	0.0000	32.327	0.003281	40
45	0.025996	89020	2314	439782	0.005262	2.7015	2476334	0.0000	27.818	0.005262	45
50	0.042806	86706	3712	425041	0.008732	2.7128	2036553	0.0000	23.488	0.008732	50
55	0.073572	82994	6106	400840	0.015233	2.6856	1611512	0.0000	19.417	0.015233	55
60	0.119032	76888	9152	362794	0.025227	2.6347	1210672	0.0145	15.746	0.025159	60
65	0.177488	67736	12022	309767	0.038811	2.5950	847878	0.0145	12.517	0.038712	65
70	0.262648	55714	14633	242827	0.060262	2.5574	538111	0.0145	9.658	0.060103	70
75	0.390845	41081	16056	165135	0.097231	2.4920	295285	0.0145	7.188	0.096968	75
80	0.560189	25024	14018	89024	0.157468	2.4249	130150	0.0145	5.201	0.156978	80
85+	*1.000000	11006	11006	41125	0.267622	3.7366	41125	0.0145	3.737	0.266014	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	0.033264	100000	3326	97473	0.034126	0.2403	7151196	0.0063	71.512	0.034296	0
1	0.005828	96674	563	385057	0.001463	1.0947	7053723	0.0063	72.964	0.001476	1
5	0.002248	96110	216	480011	0.000450	2.5000	6668666	0.0315	69.386	0.000456	5
10	0.001747	95894	167	479059	0.000350	2.5437	6188655	0.0050	64.536	0.000350	10
15	0.002624	95727	251	478044	0.000525	2.6561	5709597	0.0000	59.645	0.000525	15
20	0.003725	95475	356	476529	0.000746	2.6168	5231552	0.0086	54.795	0.000746	20
25	0.004737	95120	451	474518	0.000950	2.6010	4755023	0.0192	49.990	0.000948	25
30	0.006064	94669	574	471989	0.001216	2.6360	4280505	0.0000	45.215	0.001216	30
35	0.008771	94095	825	468539	0.001761	2.6537	3808517	0.0276	40.475	0.001754	35
40	0.012682	93270	1183	463579	0.002552	2.6582	3339978	0.0000	35.810	0.002552	40
45	0.018716	92087	1724	456388	0.003776	2.6518	2876399	0.0000	31.236	0.003776	45
50	0.026990	90363	2439	446110	0.005467	2.6600	2420011	0.0000	26.781	0.005467	50
55	0.040908	87925	3597	431284	0.008340	2.6815	1973901	0.0059	22.450	0.008330	55
60	0.066080	84328	5572	408818	0.013630	2.6992	1542617	0.0236	18.293	0.013557	60
65	0.113334	78755	8926	373183	0.023918	2.6927	1133799	0.0236	14.396	0.023780	65
70	0.198049	69830	13830	316648	0.043675	2.6499	760616	0.0236	10.892	0.043427	70
75	0.337131	56000	18879	233878	0.080723	2.5570	443967	0.0236	7.928	0.080310	75
80	0.511723	37121	18996	136622	0.139037	2.4917	210089	0.0236	5.660	0.138420	80
85+	1.000000	18125	18125	73468	0.246710	4.0533	73468	0.0236	4.053	0.235602	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	17.13	19.59	15.11	18.85	14.73	17.48	13.89	17.77	14.41	17.19	16.14
Death	13.27	14.41	12.34	14.68	13.56	14.54	14.50	14.29	15.34	13.36	12.31
Increase	3.86	5.18	2.77	4.17	1.17	2.94	-0.60	3.48	-0.93		3.8297
PERCENTAGE											
under 15	21.08	23.96	18.72	26.25	20.71	25.86	20.76	25.45	20.86	23.82	22.61
15-64	65.24	64.03	66.23	61.23	62.55	60.81	61.07	61.29	59.86	65.17	63.61
65 and over	13.68	12.01	15.05	12.52	16.74	13.34	18.16	13.26	19.27	11.01	13.78
DEP. RATIO X 100	53.28	56.17	50.99	63.33	59.88	64.46	63.74	63.15	67.04	53.44	57.22

346 Germany (East) 1962
Including East Berlin

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	292172	149921	1.9	142251	1.5			9411	5500	3911	0
1-4	1084293	555785	7.2	528508	5.6	0		1639	934	705	1-4
5-9	1310828	672293	8.7	638535	6.8	0		658	425	233	5-9
10-14	1155785	589851	7.6	565934	6.0	0		467	274	193	10-14
15-19	973049	491937	6.4	481112	5.1	31953		889	621	268	15-19
20-24	1384313	698569	9.0	685744	7.3	123120		1717	1253	464	20-24
25-29	1208802	612293	7.9	596509	6.4	79905		1382	882	500	25-29
30-34	1030062	484184	6.3	545878	5.8	39285		1512	868	644	30-34
35-39	914777	362665	4.7	552112	5.9	18338		1747	803	944	35-39
40-44	837145	317709	4.1	519436	5.5	5155		2272	981	1291	40-44
45-49	860675	326771	4.2	533904	5.7	181		3777	1690	2087	45-49
50-54	1209517	482785	6.3	726732	7.7	0		8204	4200	4004	50-54
55-59	1262986	544774	7.1	718212	7.7	0		13955	7923	6032	55-59
60-64	1155863	489831	6.3	666032	7.1	0		21026	12184	8842	60-64
65-69	914932	355259	4.6	559673	6.0	0		27214	13875	13339	65-69
70-74	709012	274246	3.6	434766	4.6	0		35741	16765	18976	70-74
75-79	461970	181579	2.4	280391	3.0			40419	17890	22529	75-79
80-84	234802	92793	1.2	142009	1.5	153482 M.		35598	15381	20217	80-84
85+	100864	37523	0.5	63341	0.7	144500 F.		26367	10600	15767	85+
TOTAL	17101847	7720768		9381079		297982		233995	113049	120946	TOTAL

TABLE 2
MALE LIFE TABLE

x	nq_x	l_x	nL_x	nM_x	nD_x	T_x	r_x	e_x	nM_x	x	
0	0.035531	100000	3553	97324	0.036508	0.2469	6725249	0.0062	67.252	0.036686	0
1	0.006637	96447	640	383931	0.001667	1.0997	6627925	0.0062	68.721	0.001681	1
5	0.003138	95807	301	478282	0.000629	2.5000	6243994	0.0171	65.173	0.000632	5
10	0.002340	95506	224	477034	0.000469	2.7787	5765713	0.0306	60.370	0.000465	10
15	0.006294	95283	600	475043	0.001262	2.7160	5288679	0.0000	55.505	0.001262	15
20	0.008929	94683	845	471316	0.001794	2.5182	4813636	0.0000	50.840	0.001794	20
25	0.007177	93837	673	467502	0.001440	2.4969	4342320	0.0351	46.275	0.001440	25
30	0.008966	93164	835	463805	0.001801	2.5869	3874818	0.0506	41.591	0.001793	30
35	0.011065	92329	1022	459208	0.002225	2.6155	3411013	0.0398	36.944	0.002214	35
40	0.015351	91307	1402	453297	0.003092	2.6897	2951806	0.0071	32.328	0.003088	40
45	0.025557	89905	2298	444270	0.005172	2.7117	2498508	0.0000	27.790	0.005172	45
50	0.042645	87608	3736	429450	0.008700	2.7009	2054239	0.0000	23.448	0.008700	50
55	0.070357	83872	5901	405740	0.014544	2.6921	1624789	0.0000	19.372	0.014544	55
60	0.117712	77971	9178	368243	0.024924	2.6453	1219049	0.0102	15.635	0.024874	60
65	0.178843	68793	12303	314429	0.039128	2.5994	850806	0.0102	12.368	0.039056	65
70	0.266369	56490	15047	245684	0.061246	2.5567	536378	0.0102	9.495	0.061131	70
75	0.395693	41443	16399	166114	0.098719	2.4937	290694	0.0102	7.014	0.098525	75
80	0.581136	25044	14554	87604	0.166133	2.4154	124580	0.0102	4.974	0.165755	80
85+	*1.000000	10490	10490	36976	0.283699	3.5249	36976	0.0102	3.525	0.282493	85+

TABLE 3
FEMALE LIFE TABLE

x	nq_x	l_x	nL_x	nM_x	nD_x	T_x	r_x	e_x	nM_x	x	
0	0.026811	100000	2681	97999	0.027358	0.2535	7206594	0.0063	72.066	0.027494	0
1	0.005275	97319	513	387790	0.001324	1.1049	7108596	0.0063	73.044	0.001334	1
5	0.001809	96806	175	483590	0.000362	2.5000	6720806	0.0164	69.426	0.000365	5
10	0.001709	96630	165	482759	0.000342	2.6175	6237216	0.0279	64.547	0.000341	10
15	0.002782	96465	268	481689	0.000557	2.6240	5754457	0.0000	59.653	0.000557	15
20	0.003378	96197	325	480200	0.000677	2.5858	5272769	0.0000	54.812	0.000677	20
25	0.004194	95872	402	478404	0.000841	2.6229	4792569	0.0219	49.989	0.000838	25
30	0.005888	95470	562	476029	0.001181	2.6506	4314164	0.0065	45.189	0.001180	30
35	0.008519	94908	809	472643	0.001711	2.6548	3838136	0.0032	40.441	0.001710	35
40	0.012357	94099	1163	467796	0.002486	2.6776	3365493	0.0007	35.765	0.002485	40
45	0.019367	92936	1800	460456	0.003909	2.6523	2897697	0.0000	31.179	0.003909	45
50	0.027197	91137	2479	449872	0.005510	2.6556	2437241	0.0000	26.743	0.005510	50
55	0.041188	88658	3652	434790	0.008399	2.6725	1987369	0.0000	22.416	0.008399	55
60	0.064726	85006	5502	412396	0.013342	2.7035	1552579	0.0213	18.264	0.013276	60
65	0.113534	79504	9026	376728	0.023960	2.6965	1140184	0.0213	14.341	0.023834	65
70	0.198847	70478	14014	319439	0.043871	2.6489	763456	0.0213	10.833	0.043646	70
75	0.337236	56463	19042	235866	0.080730	2.5605	444016	0.0213	7.864	0.080349	75
80	0.522378	37422	19548	136739	0.142961	2.4876	208150	0.0213	5.562	0.142364	80
85+	1.000000	17874	17874	71411	0.250292	3.9953	71411	0.0213	3.995	0.248922	85+

TABLE 4
OBSERVED AND PROJECTED VITAL RATES

RATES PER THOUSAND	OBSERVED POPULATION			PROJECTED POPULATION				STABLE POPULATION			
	BOTH SEXES	MALES	FEMALES	1967		1972		1977		MALES	FEMALES
Birth	17.42	19.88	15.40	18.36	14.44	18.01	14.43	18.55	15.19	17.98	16.93
Death	13.68	14.64	12.89	14.56	13.94	14.34	14.84	13.93	15.48	12.60	11.55
Increase	3.74	5.24	2.51	3.80	0.50	3.67	-0.42	4.62	-0.29		5.3803
PERCENTAGE											
under 15	22.47	25.49	19.99	26.47	21.02	26.23	21.24	25.81	21.37	24.82	23.63
15-64	63.37	62.32	64.23	60.67	61.62	60.41	60.16	61.47	59.38	64.86	63.40
65 and over	14.16	12.19	15.78	12.87	17.35	13.36	18.60	12.72	19.25	10.32	12.97
DEP. RATIO X 100	57.81	60.46	55.69	64.84	62.28	65.54	66.23	62.68	68.39	54.17	57.72

347 Germany (East) 1963
Including East Berlin

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	292780	150233	1.9	142547	1.5	0	9396	5430	3966	0
1-4	1118879	573504	7.4	545375	5.8	0	1618	935	683	1-4
5-9	1300520	666911	8.6	633609	6.7	0	588	366	222	5-9
10-14	1232834	630393	8.1	602441	6.4	47	472	290	182	10-14
15-19	926804	468729	6.0	458075	4.9	31216	848	592	256	15-19
20-24	1352886	682206	8.8	670680	7.1	121768	1521	1078	443	20-24
25-29	1270299	644278	8.3	626021	6.7	84891	1396	880	516	25-29
30-34	1032712	495953	6.4	536759	5.7	39459	1477	900	577	30-34
35-39	930699	382531	4.9	548168	5.8	18617	1696	855	841	35-39
40-44	916172	347528	4.5	568644	6.1	5333	2491	1102	1389	40-44
45-49	731013	275861	3.6	455152	4.8	141	3096	1402	1694	45-49
50-54	1176394	463183	6.0	713211	7.6	0	7607	3829	3778	50-54
55-59	1251426	532045	6.9	719381	7.7	0	13446	7656	5790	55-59
60-64	1170132	501188	6.5	668944	7.1	0	20881	12295	8586	60-64
65-69	931115	363677	4.7	567438	6.0	0	26617	13665	12952	65-69
70-74	706368	269800	3.5	436568	4.6	0	33734	15823	17911	70-74
75-79	472906	183865	2.4	289041	3.1	155174 M.	38319	16859	21460	75-79
80-84	236083	92081	1.2	144902	1.5	146298 F.	32497	13651	18846	80-84
85+	104903	38870	0.5	66033	0.7		24301	9803	14498	85+
TOTAL	17154925	7762836		9392089		301472	222001	107411	114590	TOTAL

x	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	0.035095	100000	3510	97352	0.036050	0.2454	6773181	0.0033	67.732	0.036144	0
1	0.006463	96490	624	384152	0.001623	1.0985	6675829	0.0033	69.186	0.001630	1
5	0.002727	95867	261	478680	0.000546	2.5000	6291677	0.0130	65.629	0.000549	5
10	0.002323	95605	222	477542	0.000465	2.8180	5812996	0.0346	60.802	0.000460	10
15	0.006297	95383	601	475524	0.001263	2.6817	5335454	0.0000	55.937	0.001263	15
20	0.007870	94783	746	472057	0.001580	2.5112	4859931	0.0000	51.274	0.001580	20
25	0.006814	94037	641	468603	0.001367	2.5332	4387874	0.0304	46.661	0.001366	25
30	0.009080	93396	848	464941	0.001824	2.5964	3919271	0.0503	41.964	0.001815	30
35	0.011163	92548	1033	460282	0.002244	2.6210	3454330	0.0332	37.325	0.002235	35
40	0.015824	91515	1448	454210	0.003188	2.6768	2994048	0.0293	32.717	0.003171	40
45	0.025117	90067	2262	445119	0.005082	2.6947	2539838	0.0000	28.200	0.005082	45
50	0.040566	87805	3562	430869	0.008267	2.7108	2094719	0.0000	23.857	0.008267	50
55	0.069641	84243	5867	407703	0.014390	2.6972	1663850	0.0000	19.751	0.014390	55
60	0.116294	78376	9115	370364	0.024610	2.6394	1256147	0.0167	16.027	0.024532	60
65	0.172787	69261	11967	317558	0.037686	2.5978	885783	0.0167	12.789	0.037575	65
70	0.257133	57294	14732	250459	0.058820	2.5557	568225	0.0167	9.918	0.058647	70
75	0.373715	42562	15906	172948	0.091969	2.4940	317766	0.0167	7.466	0.091692	75
80	0.535481	26656	14274	95994	0.148693	2.4485	144817	0.0167	5.433	0.148270	80
85+	1.000000	12382	12382	48823	0.253610	3.9431	48823	0.0167	3.943	0.252200	85+

x	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	0.027179	100000	2718	97949	0.027748	0.2455	7264758	0.0034	72.648	0.027822	0
1	0.004969	97282	483	387726	0.001247	1.0985	7166809	0.0034	73.670	0.001252	1
5	0.001740	96799	168	483572	0.000348	2.5000	6779083	0.0127	70.033	0.000350	5
10	0.001516	96630	147	482806	0.000303	2.6433	6295511	0.0321	65.151	0.000302	10
15	0.002791	96484	269	481781	0.000559	2.6321	5812705	0.0000	60.245	0.000559	15
20	0.003297	96214	317	480305	0.000661	2.5828	5330924	0.0000	55.407	0.000661	20
25	0.004122	95897	395	478538	0.000826	2.6031	4850619	0.0214	50.581	0.000824	25
30	0.005370	95502	513	476296	0.001077	2.6344	4372080	0.0122	45.780	0.001075	30
35	0.007644	94989	726	473262	0.001534	2.6823	3895784	0.0000	41.013	0.001534	35
40	0.012181	94263	1148	468651	0.002450	2.6799	3422522	0.0161	36.308	0.002443	40
45	0.018448	93115	1718	461538	0.003722	2.6507	2953871	0.0000	31.723	0.003722	45
50	0.026161	91397	2391	451382	0.005297	2.6567	2492333	0.0000	27.269	0.005297	50
55	0.039504	89006	3516	436858	0.008049	2.6759	2040951	0.0000	22.931	0.008049	55
60	0.062692	85490	5360	415138	0.012910	2.7030	1604093	0.0251	18.764	0.012835	60
65	0.109046	80130	8738	380488	0.022965	2.5924	1188955	0.0251	14.838	0.022825	65
70	0.188100	71392	13429	325385	0.041271	2.6486	808467	0.0251	11.324	0.041027	70
75	0.315949	57964	18314	245300	0.074658	2.5691	483082	0.0251	8.334	0.074246	75
80	0.491965	39650	19506	148327	0.131510	2.5195	237782	0.0251	5.997	0.130873	80
85+	1.000000	20144	20144	89455	0.225183	4.4408	89455	0.0251	4.441	0.219556	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	17.57	19.99	15.58	18.33	14.49	18.25	14.69	18.74	15.42	18.24	17.19
Death	12.94	13.84	12.20	14.06	13.49	13.96	14.48	13.53	15.09	12.26	11.21
Increase	4.63	6.15	3.38	4.26	1.00	4.29	0.21	5.21	0.34		5.9808
PERCENTAGE											
under 15	23.00	26.03	20.49	26.48	21.13	26.38	21.45	25.89	21.52	25.09	23.87
15-64	62.71	61.75	63.51	60.32	61.09	60.03	59.45	61.34	58.85	64.50	63.01
65 and over	14.29	12.22	16.00	13.20	17.78	13.59	19.10	12.77	19.63	10.41	13.11
DEP. RATIO X 100	59.45	61.94	57.45	65.77	63.68	66.60	68.22	63.03	69.92	55.05	58.69

348 Germany (East) 1964
Including East Berlin

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	288696	147782	1.9	140914	1.5	0	8341	4845	3496	0
	1-4	1143587	585100	7.6	558487	6.0	0	1412	791	621	1-4
	5-9	1302556	667742	8.6	634814	6.9	0	633	379	254	5-9
	10-14	1277271	654831	8.5	622440	6.7	41	447	293	154	10-14
	15-19	880197	447206	5.8	432991	4.7	27214	718	511	207	15-19
	20-24	1272792	640402	8.3	632390	6.8	114889	1450	1058	392	20-24
	25-29	1278736	644352	8.3	634384	6.9	86157	1459	946	513	25-29
	30-34	1039155	520658	6.7	518497	5.6	39711	1472	882	590	30-34
	35-39	961807	423436	5.5	423436	5.8	18510	1769	911	858	35-39
	40-44	939107	359312	4.6	359312	6.3	15139	2620	1195	1425	40-44
	45-49	630999	239078	3.1	391921	4.2	206	2629	1206	1423	45-49
	50-54	1122772	438463	5.7	684309	7.4	0	7235	3657	3578	50-54
	55-59	1230078	515691	6.7	714387	7.7	0	13237	7512	5725	55-59
	60-64	1169040	506014	6.5	663026	7.2	0	21513	12587	8926	60-64
	65-69	935972	369302	4.8	566670	6.1	0	27499	14533	12966	65-69
	70-74	697171	261694	3.4	435477	4.7	0	34401	16127	18274	70-74
	75-79	475381	180932	2.3	294449	3.2	0	39776	17430	22346	75-79
	80-84	238736	91679	1.2	147057	1.6	150067 M.	33475	13965	19510	80-84
	85+	107508	40483	0.5	67025	0.7	141800 F.	26105	10407	15698	85+
	TOTAL	16991561	7734157		9257404		291867	226191	109235	116956	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	$n M_x$	x
0	0.031984	100000	3198	97557	0.032785	0.2362	6779452	0.0000	67.795	0.032785	0
1	0.005386	96802	521	385690	0.001352	1.0918	6681895	0.0000	69.027	0.001352	1
5	0.002826	96280	272	480721	0.000566	2.5000	6296205	0.0105	65.395	0.000566	5
10	0.002259	96008	217	479556	0.000452	2.7632	5815484	0.0395	60.573	0.000447	10
15	0.005700	95791	546	477710	0.001143	2.7163	5335929	0.3011	55.704	0.001143	15
20	0.008227	95245	784	474298	0.001652	2.5385	4858219	0.3000	51.007	0.001652	20
25	0.007315	94462	691	470583	0.001468	2.5031	4383921	0.0191	46.410	0.001468	25
30	0.008464	93771	794	466934	0.001700	2.5813	3913338	0.0403	41.733	0.001694	30
35	0.010762	92977	1001	462537	0.002163	2.6538	3446404	0.3348	37.067	0.002151	35
40	0.016659	91976	1532	456313	0.003358	2.6705	2983867	0.0537	32.442	0.003326	40
45	0.024932	90444	2255	447016	0.005044	2.6919	2527554	0.0000	27.946	0.005044	45
50	0.040922	88189	3609	432696	0.008340	2.7139	2080538	0.0000	23.592	0.008340	50
55	0.070471	84580	5960	409178	0.014567	2.6975	1647842	0.3000	19.483	0.014567	55
60	0.117790	78620	9261	371310	0.024940	2.6471	1238664	0.3132	15.755	0.024875	60
65	0.180179	69359	12497	316802	0.039448	2.5999	867354	0.0132	12.505	0.039353	65
70	0.268252	56862	15253	246941	0.061769	2.5500	550552	0.0132	9.682	0.061625	70
75	0.388376	41609	16160	167355	0.096560	2.4821	303611	0.3132	7.297	0.096335	75
80	0.544848	25449	13866	90819	0.152675	2.4312	136256	0.3132	5.354	0.152325	80
85+	1.000000	11583	11583	45437	0.254928	3.9227	45437	0.0132	3.923	0.257070	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	$n M_x$	x
0	0.024354	100000	2435	98162	0.024809	0.2454	7276979	0.0000	72.770	0.024809	0
1	0.004433	97565	433	389004	0.001112	1.0985	7178817	0.3000	73.580	0.001112	1
5	0.001990	97132	193	485177	0.000398	2.5000	6789813	0.0111	69.903	0.000400	5
10	0.001239	96939	120	484401	0.000248	2.5656	6304636	0.0379	65.037	0.000247	10
15	0.002388	96819	231	483552	0.000478	2.6611	5820235	0.0000	60.115	0.000478	15
20	0.003095	96587	299	482223	0.000620	2.6104	5336682	0.3000	55.252	0.000620	20
25	0.004046	96289	390	480520	0.000811	2.6318	4854459	0.0190	50.416	0.000809	25
30	0.005687	95899	545	478208	0.001140	2.6404	4373939	0.0153	45.610	0.001138	30
35	0.007939	95354	757	475004	0.001594	2.6696	3895731	0.0000	40.856	0.001594	35
40	0.012280	94597	1162	470272	0.002470	2.6659	3420727	0.3292	36.161	0.002458	40
45	0.018001	93435	1682	463222	0.003631	2.6496	2950456	0.0000	31.578	0.003631	45
50	0.025827	91753	2370	453223	0.005229	2.6613	2487234	0.0000	27.108	0.005229	50
55	0.039342	89383	3517	438806	0.008014	2.6934	2034010	0.0000	22.756	0.008014	55
60	0.065614	85867	5634	416342	0.013532	2.6941	1595205	0.3231	18.578	0.013463	60
65	0.109248	80233	8765	380935	0.023010	2.6921	1178862	0.0231	14.693	0.022881	65
70	0.191933	71468	13717	325089	0.042194	2.6490	797927	0.0231	11.165	0.041963	70
75	0.321623	57751	18574	243514	0.076275	2.5644	472839	0.0231	8.188	0.075891	75
80	0.496612	39177	19456	145997	0.133260	2.5123	229325	0.3231	5.854	0.132670	80
85+	1.000000	19721	19721	83328	0.236668	4.2253	83328	0.3231	4.225	0.234210	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
Birth	17.18	19.40	15.32	17.82	14.27	18.18	14.82	18.81	15.67	18.23	17.17
Death	13.31	14.12	12.63	14.17	13.80	13.96	14.71	13.45	15.17	12.22	11.16
Increase	3.87	5.28	2.68	3.66	0.47	4.21	0.11	5.36	0.50		6.0057
PERCENTAGE											
under 15	23.61	26.58	21.14	26.53	21.43	26.30	21.65	25.65	21.57	25.17	23.92
15-64	61.94	61.22	62.55	60.31	60.61	60.36	59.14	62.07	58.98	64.66	63.12
65 and over	14.45	12.21	16.32	13.16	17.96	13.34	19.21	12.28	19.44	10.18	12.97
DEP. RATIO X 100	61.44	63.35	59.88	65.81	65.00	65.68	69.09	61.10	69.54	54.66	58.44