

World Population

An Analysis of Vital Data

Nathan Keyfitz and Wilhelm Flieger



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350 Germany (West) 1960
Including West 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	932745	478694	1.8	454051	1.5	0	32724	18761	13963	0
1-4	3428109	1760202	6.7	1667907	5.7	0	4518	2552	1966	1-4
5-9	3918577	2008641	7.7	1909936	6.5	0	2068	1294	774	5-9
10-14	3579364	1830031	7.0	1749333	5.9	35	1355	873	482	10-14
15-19	4066962	2075896	8.0	1991066	6.8	32810	3650	2603	1047	15-19
20-24	4780803	2446490	9.4	2334313	7.9	277372	5777	4333	1444	20-24
25-29	3730763	1905462	7.3	1825301	6.2	301506	5010	3378	1632	25-29
30-34	3802856	1865422	7.1	1937434	6.6	203581	5600	3363	2237	30-34
35-39	3806525	1617795	6.2	2188730	7.4	116142	7814	3991	3823	35-39
40-44	2644173	1114231	4.3	1529942	5.2	34107	7404	3847	3557	40-44
45-49	3891881	1669215	6.4	2222666	7.5	3076	17527	9244	8283	45-49
50-54	4105113	1826858	7.0	2278255	7.7	0	29531	17525	12006	50-54
55-59	3795992	1759250	6.7	2036742	6.9	0	46018	28991	17027	55-59
60-64	3072453	1317486	5.0	1754967	6.0	0	60359	35747	24612	60-64
65-69	2329712	926480	3.5	1403232	4.8	0	73113	38495	34618	65-69
70-74	1747912	704119	2.7	1043793	3.5	0	91582	45052	46530	70-74
75-79	1131741	466542	1.8	665199	2.3	498182 M.	101291	47299	53992	75-79
80-84	593381	246407	0.9	346974	1.2	470447 F.	88509	40089	48420	80-84
85+	225824	90688	0.3	135136	0.5		59112	25066	34046	85+
TOTAL	55584886	26109909		29474977		968629	542962	332503	310459	TOTAL

x	n^d_x	l_x	n^d_x	n^L_x	n^m_x	n^a_x	T_x	r_x	d_x	nM_x	x
0	0.037828	100000	3783	97065	0.038972	0.2240	6646862	0.0071	66.469	0.039192	0
1	0.005713	96217	550	383266	0.001434	1.0835	6549797	0.0071	68.073	0.001450	1
5	0.003200	95667	306	477572	0.000641	2.5000	6166532	0.0193	64.458	0.000644	5
10	0.002383	95361	227	476299	0.000477	2.7646	5688960	0.0000	59.657	0.000477	10
15	0.006252	95134	595	474310	0.001254	2.7125	5212661	0.0000	54.793	0.001254	15
20	0.008821	94539	834	470661	0.001772	2.5580	4738351	0.0069	50.120	0.001771	20
25	0.008826	93705	827	466460	0.001773	2.5002	4267690	0.0253	45.544	0.001773	25
30	0.008985	92878	835	462370	0.001805	2.5772	3801230	0.0144	40.927	0.001803	30
35	0.012346	92044	1136	457529	0.002484	2.6324	3338860	0.0490	36.275	0.002467	35
40	0.017126	90908	1557	450918	0.003453	2.6749	2881331	0.0000	31.695	0.003453	40
45	0.027344	89351	2443	441171	0.005538	2.7151	2430413	0.0000	27.201	0.005538	45
50	0.046935	86908	4079	425205	0.009593	2.7120	1989243	0.0000	22.889	0.009593	50
55	0.079615	82829	6594	398837	0.016534	2.6789	1564038	0.0155	18.883	0.016479	55
60	0.127793	76234	9742	358063	0.027208	2.6281	1165201	0.0150	15.285	0.027133	60
65	0.189257	66492	12584	302082	0.041658	2.5860	807138	0.0150	12.139	0.041550	65
70	0.277111	53908	14938	232856	0.064153	2.5444	505056	0.0150	9.369	0.063983	70
75	0.404586	38969	15767	155091	0.101660	2.4784	272200	0.0150	6.985	0.101382	75
80	0.573477	23203	13306	81526	0.163216	2.4081	117109	0.0150	5.047	0.162694	80
85+	*1.000000	9897	9897	35583	0.278129	3.5955	35583	0.0150	3.595	0.276398	85+

x	n^d_x	l_x	n^d_x	n^L_x	n^m_x	n^a_x	T_x	r_x	d_x	nM_x	x
0	0.029866	100000	2987	97694	0.030571	0.2280	7184499	0.0075	71.845	0.030752	0
1	0.004647	97013	451	386740	0.001166	1.0861	7086805	0.0075	73.050	0.001179	1
5	0.002010	96563	194	482328	0.000402	2.5000	6700065	0.0187	69.386	0.000405	5
10	0.001377	96369	133	481523	0.000276	2.5921	6217737	0.0000	64.520	0.000276	10
15	0.002626	96236	253	480582	0.000526	2.6352	5736214	0.0000	59.606	0.000526	15
20	0.003092	95983	297	479210	0.000619	2.6229	5255632	0.0080	54.756	0.000619	20
25	0.004471	95686	428	477415	0.000896	2.6226	4776422	0.0178	49.917	0.000894	25
30	0.005757	95259	548	475005	0.001155	2.6514	4299007	0.0000	45.130	0.001155	30
35	0.008724	94710	826	471597	0.001752	2.6354	3824002	0.0219	40.376	0.001747	35
40	0.011562	93884	1085	466891	0.002325	2.6704	3352405	0.0000	35.708	0.002325	40
45	0.018472	92798	1714	459975	0.003727	2.6564	2885515	0.0000	31.094	0.003727	45
50	0.026044	91084	2372	449894	0.005273	2.6701	2425540	0.0032	26.630	0.005270	50
55	0.041160	88712	3651	435149	0.008391	2.6964	1975645	0.0173	22.270	0.008360	55
60	0.068365	85061	5815	411944	0.014116	2.7025	1540496	0.0280	18.111	0.014024	60
65	0.117443	79246	9307	374706	0.024838	2.6875	1128552	0.0280	14.241	0.024670	65
70	0.202900	69939	14191	316231	0.044874	2.6419	753847	0.0280	10.779	0.044578	70
75	0.340317	55748	18972	232331	0.081660	2.5538	437616	0.0280	7.850	0.081167	75
80	0.519058	36776	19089	135891	0.140473	2.4860	205285	0.0280	5.582	0.139550	80
85+	*1.000000	17687	17687	69394	0.254879	3.9234	69394	0.0280	3.923	0.251939	85+

RATES PER THOUSAND	OBSERVED POPULATION			PROJECTED POPULATION				STABLE POPULATION			
	BOTH SEXES	MALES	FEMALES	1965		1970		1975			
Birth	17.43	19.08	15.96	18.95	15.95	17.66	14.99	16.74	14.36	17.22	16.05
Death	11.57	12.73	10.53	13.03	11.56	13.15	12.42	13.31	13.27	13.41	12.24
Increase	5.86	6.35	5.43	5.92	4.39	4.51	2.57	3.44	1.09		3.8062
PERCENTAGE											
under 15	21.33	23.28	19.61	24.70	20.94	25.42	21.76	25.15	21.79	24.00	22.59
15-64	67.82	67.40	68.19	65.47	65.45	63.66	63.22	63.31	61.76	65.48	63.74
65 and over	10.85	9.32	12.19	9.83	13.61	10.92	15.02	11.54	16.45	10.52	13.67
DEP. RATIO X 100	47.45	48.37	46.65	52.75	52.79	57.09	58.17	57.96	61.92	52.71	56.89

352 Germany (West) 1961
Including West 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	958913	490722	1.9	468191	1.6	0	32109	18435	13674	0
1-4	3518544	1804796	6.8	1713748	5.8	0	4762	2730	2032	1-4
5-9	3915383	2005641	7.6	1909742	6.4	0	2139	1337	802	5-9
10-14	3799567	1947078	7.4	1852489	6.2	40	1516	939	577	10-14
15-19	3684518	1883770	7.1	1800748	6.1	34088	3399	2479	920	15-19
20-24	4760979	2438857	9.2	2322122	7.8	293974	6023	4463	1560	20-24
25-29	3896283	2003429	7.6	1892854	6.4	2003429	4824	3294	1530	25-29
30-34	3884835	1957682	7.4	1927153	6.5	202230	5650	3545	2105	30-34
35-39	3804900	1647713	6.2	2157187	7.2	114853	7406	3914	3492	35-39
40-44	2918408	1225760	4.6	1692648	5.7	37752	8067	4083	3984	40-44
45-49	3670228	1563980	5.9	2106248	7.1	2569	16169	8678	7491	45-49
50-54	4092073	1796313	6.8	2295760	7.7	0	29051	16808	12243	50-54
55-59	3851394	1772661	6.7	2078733	7.0	0	45406	28599	16807	55-59
60-64	3195305	1390915	5.3	1804390	6.1	0	61155	36775	24380	60-64
65-69	2405821	949743	3.6	1456078	4.9	0	72821	38456	34365	65-69
70-74	1789479	710937	2.7	1078542	3.6	0	87376	42646	44730	70-74
75-79	1165664	473410	1.8	692254	2.3	520590 M.	96969	44944	52025	75-79
80-84	611645	250042	0.9	361603	1.2	492097 F.	84332	37749	46583	80-84
85+	250887	99913	0.4	150974	0.5		58387	24426	33961	85+
TOTAL	56174826	26413362		29761464		1012687	627561	324300	303261	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	nM_x	x
0	0.036317	100000	3632	97215	0.037358	0.2330	6691058	0.0071	66.911	0.037567	0
1	0.005965	96368	575	383800	0.001498	1.0895	6593844	0.0071	68.423	0.001513	1
5	0.003314	95793	317	478174	0.000664	2.5000	6210044	0.0156	64.827	0.000667	5
10	0.002412	95476	230	478868	0.000483	2.7780	5731870	0.0056	60.035	0.000482	10
15	0.006560	95246	625	474798	0.001316	2.7106	5255002	0.0000	55.173	0.001316	15
20	0.009109	94621	862	470979	0.001830	2.5345	4780204	0.0000	50.520	0.001830	20
25	0.008187	93759	768	466871	0.001644	2.4939	4309225	0.0203	45.961	0.001644	25
30	0.009028	92991	840	462926	0.001814	2.5812	3842354	0.0177	41.319	0.001814	30
35	0.011880	92152	1095	458161	0.002389	2.6267	3379427	0.0444	36.672	0.002375	35
40	0.016533	91057	1505	451805	0.003332	2.6880	2921266	0.0017	32.082	0.003331	40
45	0.027395	89552	2453	442143	0.005549	2.7109	2469461	0.0000	27.576	0.005549	45
50	0.045803	87098	3989	426356	0.009357	2.7100	2027319	0.0000	23.276	0.009357	50
55	0.077897	83109	6474	400522	0.016164	2.6794	1600963	0.0088	19.263	0.016133	55
60	0.124813	76635	9565	360498	0.026533	2.6291	1200441	0.0191	15.664	0.026439	60
65	0.184915	67070	12402	305337	0.040618	2.5801	839943	0.0191	12.523	0.040491	65
70	0.262173	54668	14332	238154	0.060181	2.5451	534606	0.0191	9.779	0.059986	70
75	0.384353	40335	15503	162737	0.095264	2.4883	296452	0.0191	7.350	0.094937	75
80	0.542027	24832	13460	88857	0.151476	2.4361	133715	0.0191	5.385	0.150971	80
85+	1.000000	11373	11373	44858	0.253525	3.9444	44858	0.0191	3.944	0.244474	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	nM_x	x
0	0.028394	100000	2839	97825	0.029026	0.2342	7242954	0.0079	72.430	0.029206	0
1	0.004675	97161	454	387321	0.001173	1.0903	7145129	0.0079	73.539	0.001186	1
5	0.002086	96706	202	483027	0.000418	2.5000	6757808	0.0158	69.880	0.000420	5
10	0.001557	96505	150	482157	0.000312	2.5612	6274781	0.0055	65.021	0.000311	10
15	0.002551	96354	246	481193	0.000511	2.6458	5792624	0.0000	60.118	0.000511	15
20	0.003354	96109	322	479766	0.000672	2.5913	5311431	0.0000	55.265	0.000672	20
25	0.004041	95786	387	478005	0.000810	2.6062	4831664	0.0178	50.442	0.000808	25
30	0.005447	95399	520	475776	0.001092	2.6521	4353660	0.0000	45.636	0.001092	30
35	0.008078	94879	766	472602	0.001622	2.6582	3877884	0.0113	40.872	0.001619	35
40	0.011704	94113	1102	467993	0.002354	2.6653	3405282	0.0000	36.183	0.002354	40
45	0.017636	93011	1640	461228	0.003557	2.6657	2937288	0.0000	31.580	0.003557	45
50	0.026336	91371	2406	451236	0.005333	2.6646	2476060	0.0000	27.099	0.005333	50
55	0.039811	88965	3542	436642	0.008111	2.6899	2024824	0.0155	22.760	0.008085	55
60	0.065966	85423	5635	414162	0.013606	2.7013	1588183	0.0300	18.592	0.013511	60
65	0.112627	79788	8986	378105	0.023767	2.6814	1174021	0.0300	14.714	0.023601	65
70	0.190116	70802	13461	322300	0.041764	2.6443	795916	0.0300	11.241	0.041473	70
75	0.319328	57341	18311	242079	0.075639	2.5628	473617	0.0300	8.260	0.075153	75
80	0.486242	39031	18978	146497	0.129547	2.5191	231538	0.0300	5.932	0.128824	80
85+	1.000000	20052	20052	85040	0.235797	4.2409	85040	0.0300	4.241	0.224947	85+

TABLE 4
OBSERVED AND PROJECTED VITAL RATES

RATES PER THOUSAND	OBSERVED POPULATION			PROJECTED POPULATION				STABLE POPULATION			
	BOTH SEXES	MALES	FEMALES	1966		1971		1976		MALES	FEMALES
Birth	18.03	19.71	16.53	19.02	16.06	17.65	15.03	17.02	14.66	17.94	16.74
Death	11.17	12.28	10.19	12.71	11.00	12.89	12.23	13.06	13.09	12.76	11.57
Increase	6.86	7.43	6.34	6.31	4.73	4.75	2.80	3.96	1.56	5.18	5.1755
PERCENTAGE											
under 15	21.70	23.66	19.97	24.82	21.12	25.65	22.04	25.35	22.04	24.79	23.37
15-64	67.22	66.94	67.46	64.98	64.74	63.07	62.34	62.89	60.95	64.91	63.24
65 and over	11.08	9.40	12.56	10.20	14.14	11.29	15.62	11.77	17.01	10.30	13.39
DEP. RATIO X 100	48.77	49.39	48.23	53.90	54.47	58.56	60.40	59.01	64.06	54.07	58.13

353 Germany (West) 1962
Including West 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	989000	507000	1.9	482000	1.6		29808	17140	12668	0	
1-4	3650900	1872700	7.0	1778200	5.9		4377	2431	1946	1-4	
5-9	3998400	2049900	7.6	1948500	6.5		2118	1269	849	5-9	
10-14	3854200	1977200	7.4	1877000	6.2		35	1493	961	10-14	
15-19	3550700	1819400	6.8	1731300	5.8	35137	3097	2165	932	15-19	
20-24	4818900	2482300	9.2	2336600	7.8	293217	5735	4336	1399	20-24	
25-29	4157200	2150600	8.0	2006600	6.7	345426	5077	3454	1623	25-29	
30-34	3871000	1985000	7.4	1886000	6.3	195261	5725	3652	2073	30-34	
35-39	3784100	1691100	6.3	2093000	7.0	108872	7198	3975	3223	35-39	
40-44	3309600	1394400	5.2	1915200	6.4	38373	8967	4657	4310	40-44	
45-49	3265500	1385100	5.2	1880400	6.3	2231	14563	7869	6694	45-49	
50-54	4067200	1770900	6.6	2296300	7.6	0	28578	16549	12029	50-54	
55-59	3887900	1771800	6.6	2116100	7.0	0	46205	29157	17048	55-59	
60-64	3317900	1466800	5.5	1851100	6.2	0	63972	39305	24667	60-64	
65-69	2491600	983000	3.7	1508600	5.0	0	75188	40517	34671	65-69	
70-74	1830600	714900	2.7	1115700	3.7	0	90883	44555	46328	70-74	
75-79	1194600	476200	1.8	718400	2.4		100162	46635	53527	75-79	
80-84	629100	253600	0.9	375500	1.2	523801 M.	87539	39052	48487	80-84	
85+	269400	106400	0.4	163000	0.5	494751 F.	64134	27403	36731	85+	
TOTAL	56937800	26858300		30079500		1018552	644819	335082	309737	TOTAL	

x	n^q_x	l_x	n^d_x	n^L_x	n^m_x	n^a_x	T_x	r_x	\hat{e}_x	nM_x	x
0	0.032774	100000	3277	97470	0.033625	0.2282	6710168	0.0068	67.102	0.033807	0
1	0.005122	96723	495	385447	0.001285	1.0862	6612698	0.0068	68.368	0.001298	1
5	0.003078	96227	296	480395	0.000617	2.5000	6227251	0.0177	64.714	0.000619	5
10	0.002434	95931	234	479127	0.000487	2.7423	5746856	0.0113	59.906	0.000486	10
15	0.005934	95697	568	477191	0.001190	2.7179	5267728	0.0300	55.046	0.001190	15
20	0.008697	95130	827	473619	0.001747	2.5470	4790537	0.0000	50.358	0.001747	20
25	0.008000	94302	754	469632	0.001606	2.5086	4316919	0.0207	45.777	0.001606	25
30	0.009175	93548	858	465663	0.001843	2.5810	3847287	0.0222	41.126	0.001840	30
35	0.011738	92689	1088	460866	0.002361	2.6273	3381624	0.0329	36.483	0.002351	35
40	0.016627	91601	1523	454499	0.003351	2.6967	2920758	0.0164	31.885	0.003340	40
45	0.028040	90078	2526	444595	0.005681	2.7047	2466259	0.0000	27.379	0.005681	45
50	0.045747	87553	4005	428604	0.009345	2.7132	2021664	0.0000	23.091	0.009345	50
55	0.079285	83547	6624	402367	0.016463	2.6797	1593060	0.0018	19.068	0.016456	55
60	0.126353	76923	9719	361569	0.026881	2.6287	1190693	0.0171	15.479	0.026796	60
65	0.187916	67204	12629	305503	0.041337	2.5835	829124	0.0171	12.337	0.041218	65
70	0.270923	54575	14786	236544	0.062507	2.5428	523621	0.0171	9.594	0.062323	70
75	0.393675	39790	15664	159466	0.098229	2.4795	287077	0.0171	7.215	0.097932	75
80	0.549030	24125	13246	85762	0.154446	2.4247	127611	0.0171	5.289	0.153991	80
85+	1.000000	10880	10880	41849	0.259980	3.8465	41849	0.0171	3.846	0.257548	85+

x	n^q_x	l_x	n^d_x	n^L_x	n^m_x	n^a_x	T_x	r_x	\hat{e}_x	nM_x	x
0	0.025623	100000	2562	98045	0.026134	0.2370	7277436	0.0072	72.774	0.026282	0
1	0.004321	97438	421	388526	0.001084	1.0924	7179391	0.0072	73.682	0.001094	1
5	0.002164	97017	210	484558	0.000433	2.5000	6790864	0.0180	69.997	0.000436	5
10	0.001417	96807	137	483701	0.000284	2.5758	6306306	0.0114	65.143	0.000283	10
15	0.002688	96669	260	482729	0.000538	2.6210	5822605	0.0000	60.232	0.000538	15
20	0.002989	96410	288	481354	0.000599	2.5934	5339876	0.0000	55.387	0.000599	20
25	0.004047	96121	389	479684	0.000811	2.6267	4858522	0.0206	50.546	0.000809	25
30	0.005482	95732	525	477421	0.001099	2.6355	4378838	0.0000	45.740	0.001099	30
35	0.007672	95208	730	474323	0.001540	2.6524	3901417	0.0000	40.978	0.001540	35
40	0.011211	94477	1059	469930	0.002254	2.6807	3427094	0.0083	36.274	0.002250	40
45	0.017653	93418	1649	463242	0.003560	2.6662	2957164	0.0000	31.655	0.003560	45
50	0.025876	91769	2375	453303	0.005238	2.6663	2493922	0.0000	27.176	0.005238	50
55	0.039650	89394	3544	438779	0.008078	2.6887	2040619	0.0131	22.827	0.008056	55
60	0.065058	85850	5585	416385	0.013414	2.6966	1601840	0.0291	18.659	0.013326	60
65	0.109842	80265	8816	380951	0.023143	2.6893	1185455	0.0291	14.769	0.022982	65
70	0.190307	71448	13597	325232	0.041807	2.6459	804504	0.0291	11.260	0.041524	70
75	0.316994	57851	18338	244587	0.074977	2.5642	479271	0.0291	8.285	0.074509	75
80	0.487188	39513	19250	148263	0.129838	2.5208	234684	0.0291	5.939	0.129127	80
85+	1.000000	20263	20263	86422	0.234462	4.2651	86422	0.0291	4.265	0.225343	85+

RATES PER THOUSAND	OBSERVED POPULATION			PROJECTED POPULATION				STABLE POPULATION			
	BOTH SEXES	MALES	FEMALES	1967		1972		1977			
Birth	17.89	19.50	16.45	18.60	15.78	17.22	14.73	16.78	14.51	17.73	16.52
Death	11.32	12.48	10.30	12.76	11.40	12.90	12.31	13.05	13.14	12.80	11.59
Increase	6.56	7.03	6.15	5.85	4.38	4.32	2.42	3.74	1.36		4.9269
PERCENTAGE											
under 15	21.94	23.85	20.23	24.96	21.32	25.61	22.08	25.03	21.83	24.65	23.17
15-64	66.79	66.71	66.86	64.73	64.20	63.13	61.96	63.42	60.93	65.10	63.24
65 and over	11.27	9.44	12.90	10.32	14.49	11.25	15.96	11.55	17.24	10.24	13.59
DEP. RATIO X 100	49.72	49.90	49.56	54.50	55.77	58.40	61.39	57.68	64.12	53.60	58.12

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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	1012123	519157	1.9	492966	1.6	0	28474	16293	12181	0
1-4	3773033	1934568	7.1	1838465	6.1	0	4586	2595	1991	1-4
5-9	4055812	2101065	7.7	1594747	6.6	0	2139	1317	822	5-9
10-14	3898807	2000663	7.3	1898744	6.3	39	1456	931	525	10-14
15-19	3523004	1807251	6.6	1715753	5.7	35971	3062	2198	864	15-19
20-24	4715843	2437911	9.0	2277932	7.5	293069	5456	4135	1321	20-24
25-29	4435934	2303308	8.5	2132626	7.0	373784	5210	3602	1608	25-29
30-34	3810023	1569408	7.2	1840615	6.1	201233	5462	3581	1881	30-34
35-39	3827520	1777099	6.5	2050421	6.8	108769	7253	4119	3134	35-39
40-44	3647376	1541347	5.7	2106029	6.9	38827	10393	5374	5019	40-44
45-49	2874877	1214866	4.5	1660011	5.5	2431	12939	6845	6094	45-49
50-54	4039225	1746649	6.4	2292576	7.6	0	28474	16419	12055	50-54
55-59	3923120	1767393	6.5	2155727	7.1	0	46657	29120	17537	55-59
60-64	3414417	1522947	5.6	1891470	6.2	0	67736	41994	25742	60-64
65-69	2576731	1020894	3.7	1555837	5.1	0	80290	43692	36598	65-69
70-74	1870825	718155	2.6	1152670	3.8	0	95293	46496	48797	70-74
75-79	1226429	479938	1.8	746491	2.5	0	106101	48630	57471	75-79
80-84	639602	253651	0.9	385951	1.3	541812 M. 512311 F.	91708	40687	51021	80-84
85+	282691	109984	0.4	172707	0.6		70380	29689	40691	85+
TOTAL	57587392	27225654		30361738		1054123	673069	347717	325352	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	0.030512	100000	3051	97680	0.031237	0.2397	6704213	0.0059	67.042	0.031384	0
1	0.005303	96949	514	386301	0.001331	1.0943	6606532	0.0059	68.145	0.001341	1
5	0.003114	96435	300	481422	0.000624	2.5000	6220231	0.0197	64.502	0.000627	5
10	0.002334	96134	224	480169	0.000467	2.7612	5738809	0.0144	59.696	0.000465	10
15	0.006064	95910	582	478217	0.001216	2.7080	5258640	0.0000	54.829	0.001216	15
20	0.008445	95328	805	474661	0.001696	2.5401	4780423	0.0000	50.147	0.001696	20
25	0.007791	94523	736	470784	0.001564	2.5129	4305762	0.0197	45.552	0.001564	25
30	0.009071	93787	851	466877	0.001822	2.5828	3834978	0.0241	40.890	0.001818	30
35	0.011564	92936	1075	462149	0.002326	2.6451	3368100	0.0221	36.241	0.002318	35
40	0.017409	91861	1599	455608	0.003510	2.6870	2905951	0.0344	31.634	0.003487	40
45	0.027812	90262	2510	445543	0.005634	2.7024	2450343	0.0000	27.147	0.005634	45
50	0.046012	87752	4038	429526	0.009400	2.7132	2004801	0.0000	22.846	0.009400	50
55	0.079357	83714	6643	403204	0.016476	2.6870	1575275	0.0000	18.817	0.016476	55
60	0.129750	77071	10000	361686	0.027648	2.6332	1172071	0.0141	15.208	0.027574	60
65	0.194341	67071	13035	303834	0.042900	2.5818	810385	0.0141	12.083	0.042798	65
70	0.279778	54036	15118	232947	0.064899	2.5371	506551	0.0141	9.374	0.064744	70
75	0.404191	38918	15730	154858	0.101579	2.4741	273604	0.0141	7.030	0.101326	75
80	0.567786	23188	13166	81835	0.160880	2.4097	118746	0.0141	5.121	0.160406	80
85+	1.000000	10022	10022	36911	0.271522	3.6829	36911	0.0141	3.683	0.269939	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	0.024142	100000	2414	98172	0.024591	0.2426	7274352	0.0061	72.744	0.024710	0
1	0.004284	97586	418	389129	0.001074	1.0965	7176180	0.0061	73.537	0.001083	1
5	0.002044	97168	199	485342	0.000409	2.5000	6787051	0.0200	69.849	0.000412	5
10	0.001383	96969	134	484520	0.000277	2.5697	6301709	0.0147	64.987	0.000276	10
15	0.002515	96835	244	483596	0.000504	2.6245	5817189	0.0000	60.073	0.000504	15
20	0.002896	96591	280	482283	0.000580	2.5893	5333593	0.0000	55.218	0.000580	20
25	0.003773	96312	363	480694	0.000756	2.6202	4851309	0.0205	50.371	0.000754	25
30	0.005100	95948	489	478595	0.001022	2.6548	4370615	0.0029	45.552	0.001022	30
35	0.007615	95459	727	475611	0.001528	2.6826	3892021	0.0000	40.772	0.001528	35
40	0.011891	94732	1126	471048	0.002391	2.6806	3416410	0.0187	36.064	0.002383	40
45	0.018199	93606	1703	464032	0.003671	2.6541	2945362	0.0000	31.466	0.003671	45
50	0.025972	91902	2387	453935	0.005258	2.6639	2481329	0.0000	27.000	0.005258	50
55	0.040014	89515	3582	439313	0.008153	2.6929	2027395	0.0106	22.649	0.008135	55
60	0.066378	85933	5704	416537	0.013694	2.6981	1588082	0.0271	18.480	0.013610	60
65	0.112233	80229	9004	380320	0.023676	2.6871	1171545	0.0271	14.602	0.023523	65
70	0.193618	71225	13790	323669	0.042606	2.6465	791225	0.0271	11.109	0.042334	70
75	0.325663	57435	18704	241535	0.077439	2.5601	467555	0.0271	8.141	0.076988	75
80	0.495272	38730	19182	144369	0.132868	2.5092	226020	0.0271	5.836	0.132196	80
85+	1.000000	19548	19548	81651	0.239411	4.1769	81651	0.0271	4.177	0.235606	85+

TABLE 4
OBSERVED AND PROJECTED VITAL RATES

	OBSERVED POPULATION			1968		PROJECTED POPULATION 1973		1978		STABLE POPULATION	
	BOTH SEXES	MALES	FEMALES	MALES	FEMALES	MALES	FEMALES	MALES	FEMALES	MALES	FEMALES
RATES PER THOUSAND											
Birth	18.30	19.90	16.87	18.78	16.02	17.44	15.01	17.07	14.86	18.33	17.11
Death	11.69	12.77	10.72	12.87	11.72	12.94	12.56	12.99	13.30	12.42	11.20
Increase	6.62	7.13	6.16	5.90	4.30	4.50	2.44	4.08	1.56		5.9087
PERCENTAGE											
under 15	22.19	24.08	20.50	25.33	21.74	26.00	22.55	25.39	22.28	25.36	23.86
15-64	66.35	66.44	66.28	64.33	63.58	62.91	61.40	63.43	60.59	65.00	63.20
65 and over	11.45	9.45	13.22	10.34	14.68	11.08	16.05	11.18	17.13	9.64	12.94
DEP. RATIO X 100	50.71	50.52	50.88	55.45	57.28	58.95	62.86	57.66	65.04	53.85	58.23

355 Germany (West) 1964
Including West 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	1036293	531615	1.9	504678	1.6	0	26949	15430	11519	0	
1-4	3885886	1991239	7.2	1894647	6.2	0	4145	2411	1734	1-4	
5-9	4218300	2164650	7.8	2053650	6.7	0	2166	1323	843	5-9	
10-14	3910755	2004705	7.3	1906050	6.2	45	1619	1047	572	10-14	
15-19	3531913	1813274	6.6	1718639	5.6	37776	3026	2231	795	15-19	
20-24	4550574	2356545	8.5	2194029	7.2	279138	5512	4206	1306	20-24	
25-29	4700529	2448442	8.9	2252087	7.3	389606	5533	3927	1606	25-29	
30-34	3810262	1579083	7.2	1831179	6.0	210011	5453	3576	1877	30-34	
35-39	3908616	1887264	6.8	2021352	6.6	107590	7589	4503	3086	35-39	
40-44	3853992	1634399	5.9	2219593	7.2	38275	10927	5778	5149	40-44	
45-49	2617785	1104471	4.0	1513314	4.9	2996	11315	6065	5250	45-49	
50-54	3982258	1708629	6.2	2273629	7.4	0	27309	15665	11644	50-54	
55-59	3956472	1756909	6.4	2199563	7.2	0	45441	28055	17386	55-59	
60-64	3493764	1564406	5.7	1929358	6.3	0	67091	41844	25247	60-64	
65-69	2674483	1071313	3.9	1603170	5.2	0	79611	43986	35625	65-69	
70-74	1918812	724442	2.6	1194370	3.9	0	91327	44479	46848	70-74	
75-79	1262843	484386	1.8	778457	2.5	0	99601	45537	54064	75-79	
80-84	654627	255378	0.9	395249	1.3	547979 M.	84313	36810	47503	80-84	
85+	298168	114101	0.4	184067	0.6	517458 F.	65201	27006	38195	85+	
TOTAL	58266332	27595251		30671081		1065437	644128	333879	310249	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	0.028275	1000000	2828	97843	0.028898	0.2372	6759169	0.0055	67.592	0.029025	0
1	0.004791	97172	466	387336	0.001202	1.0925	6661326	0.0055	68.552	0.001211	1
5	0.003038	96707	294	482800	0.000609	2.5000	6273990	0.0222	64.876	0.000611	5
10	0.002619	96413	253	481496	0.000524	2.7443	5791189	0.0170	60.066	0.000522	10
15	0.006135	96161	590	479453	0.001230	2.7107	5309693	0.0000	55.217	0.001230	15
20	0.008885	95571	849	475765	0.001785	2.5409	4830241	0.0000	50.541	0.001785	20
25	0.007988	94722	757	471716	0.001604	2.4994	4354476	0.0158	45.971	0.001604	25
30	0.009015	93965	847	467780	0.001811	2.5863	3882760	0.0242	41.321	0.001807	30
35	0.011893	93118	1107	462983	0.002392	2.6468	3414980	0.0166	36.674	0.002386	35
40	0.017689	92010	1628	456263	0.003567	2.6719	2951997	0.0499	32.083	0.003535	40
45	0.027114	90383	2451	446271	0.005491	2.6973	2495734	0.0000	27.613	0.005491	45
50	0.044899	87932	3948	430627	0.009168	2.7119	2049463	0.0000	23.307	0.009168	50
55	0.076999	83984	6467	404970	0.015968	2.6880	1618836	0.0000	19.276	0.015968	55
60	0.126228	77517	9785	364421	0.026850	2.6325	1213866	0.0204	15.659	0.026748	60
65	0.187320	67733	12688	307972	0.041197	2.5811	849445	0.0204	12.541	0.041058	65
70	0.267453	55045	14722	238977	0.061604	2.5379	541473	0.0204	9.837	0.061398	70
75	0.381009	40323	15363	162865	0.094332	2.4778	302496	0.0204	7.502	0.094010	75
80	0.524197	24960	13084	90470	0.144619	2.4445	139631	0.0204	5.594	0.144139	80
85+	1.000000	11876	11876	49160	0.241574	4.1395	49160	0.0204	4.140	0.236686	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	0.022335	1000000	2234	98287	0.022724	0.2332	7357517	0.0055	73.575	0.022824	0
1	0.003623	97766	354	390035	0.000908	1.0897	7259230	0.0055	74.251	0.000915	1
5	0.002038	97412	199	486565	0.000408	2.5000	6869195	0.0225	70.517	0.000410	5
10	0.001500	97214	146	485709	0.000300	2.5367	6382630	0.0174	65.656	0.000300	10
15	0.002310	97068	224	484808	0.000463	2.6319	5896921	0.0000	60.751	0.000463	15
20	0.002972	96844	288	483523	0.000595	2.5870	5412113	0.0000	55.885	0.000595	20
25	0.003567	96556	344	481960	0.000715	2.6239	4928589	0.0173	51.044	0.000713	25
30	0.005121	96211	493	479905	0.001027	2.6622	4446629	0.0098	46.217	0.001025	30
35	0.007606	95719	728	476900	0.001527	2.6740	3966724	0.0000	41.442	0.001527	35
40	0.011589	94991	1101	472385	0.002330	2.6679	3489825	0.0266	36.739	0.002320	40
45	0.017206	93890	1615	465667	0.003469	2.6591	3017439	0.0000	32.138	0.003469	45
50	0.025304	92274	2335	455925	0.005121	2.6678	2551773	0.0000	27.654	0.005121	50
55	0.038877	89939	3497	441620	0.007918	2.6904	2095848	0.0081	23.303	0.007904	55
60	0.063972	86443	5530	419454	0.013184	2.6928	1654227	0.0336	19.137	0.013086	60
65	0.106451	80913	8613	384602	0.022395	2.6824	1234773	0.0336	15.261	0.022222	65
70	0.180803	72299	13072	330712	0.039527	2.6450	850171	0.0336	11.759	0.039224	70
75	0.298985	59228	17708	253153	0.069950	2.5726	519459	0.0336	8.771	0.069450	75
80	0.463488	41519	19244	160439	0.119944	2.5494	266306	0.0336	6.414	0.118982	80
85+	*1.000000	22276	22276	105867	0.210412	4.7526	105867	0.0336	4.753	0.207506	85+

TABLE 4
OBSERVED AND PROJECTED VITAL RATES

	OBSERVED POPULATION			PROJECTED POPULATION				STABLE POPULATION			
	BOTH SEXES	MALES	FEMALES	1969		1974		1979			
RATES PER THOUSAND				MALES	FEMALES	MALES	FEMALES	MALES	FEMALES	MALES	FEMALES
Birth	18.29	19.86	16.87	18.56	15.86	17.27	14.88	16.99	14.80	18.34	17.08
Death	11.05	12.10	10.12	12.46	11.36	12.63	12.33	12.71	13.10	12.22	10.96
Increase	7.23	7.76	6.76	6.10	4.50	4.64	2.55	4.28	1.71		6.1220
PERCENTAGE											
under 15	22.40	24.25	20.73	25.50	21.94	25.98	22.56	25.22	22.14	25.40	23.84
15-64	65.91	66.15	65.71	63.81	62.80	62.61	60.65	63.38	60.08	64.67	62.79
65 and over	11.69	9.60	13.56	10.69	15.26	11.41	16.78	11.40	17.78	9.93	13.37
DEP. RATIO X 100	51.71	51.18	52.19	56.72	59.23	59.71	64.87	57.78	66.45	54.64	59.26

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Including West 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	1032300	529900	1.9	502400	1.6	0	24947	14304	10643	0
1-4	3993000	2046700	7.3	1946300	6.3	0	4278	2413	1865	1-4
5-9	4365400	2241100	8.0	2124300	6.9	0	2165	1376	789	5-9
10-14	3921300	2010400	7.2	1910900	6.2	38	1522	948	574	10-14
15-19	3677600	1891600	6.7	1786000	5.8	42650	3067	2247	820	15-19
20-24	4244000	2200900	7.9	2043100	6.6	257864	4597	3425	1172	20-24
25-29	4917100	2575600	9.2	2341500	7.6	389003	5494	3840	1654	25-29
30-34	3930600	2054600	7.3	1876000	6.1	213256	5580	3684	1896	30-34
35-39	3975100	1986000	7.1	1989100	6.4	102083	7526	4605	2921	35-39
40-44	3893600	1672500	6.0	2221100	7.2	36079	10989	5914	5075	40-44
45-49	2655600	1121400	4.0	1534200	5.0	3355	11192	5991	5201	45-49
50-54	3844100	1639000	5.8	2205100	7.1	0	27096	15371	11725	50-54
55-59	3964400	1733500	6.2	2230500	7.2	0	45587	27877	17710	55-59
60-64	3563600	1596300	5.7	1967300	6.4	0	69713	43063	26650	60-64
65-69	2777300	1131900	4.0	1645400	5.3	0	86149	48420	37729	65-69
70-74	1970200	734600	2.6	1235600	4.0	0	97573	47177	50396	70-74
75-79	1294900	487200	1.7	807700	2.6	0	105744	47690	58054	75-79
80-84	675700	259200	0.9	416500	1.3	536930 M.	91259	39475	51784	80-84
85+	315800	119300	0.4	196500	0.6	507398 F.	73150	30148	43002	85+
TOTAL	59011600	28032100		30979500		1044328	677628	347968	329660	TOTAL

x	nq_x	l_x	n^d_x	nL_x	n^m_x	n^o_x	T_x	r_x	i_x	nM_x	x
0	0.026402	100000	2640	98000	0.026941	0.2424	6761197	0.0025	67.612	0.026994	0
1	0.004685	97360	456	388115	0.001175	1.0963	6663197	0.0025	68.439	0.001179	1
5	0.003050	96904	296	483780	0.000611	2.5000	6275082	0.0241	64.756	0.000614	5
10	0.002365	96608	228	482527	0.000473	2.7510	5791302	0.0163	59.946	0.000472	10
15	0.005923	96380	571	480578	0.001188	2.6876	5308776	0.0000	55.082	0.001188	15
20	0.007751	95809	743	477215	0.001556	2.5380	4828198	0.0000	50.394	0.001556	20
25	0.007429	95066	706	473586	0.001491	2.5300	4350982	0.0053	45.768	0.001491	25
30	0.008947	94360	844	469767	0.001797	2.5926	3877396	0.0242	41.092	0.001793	30
35	0.011564	93516	1081	465040	0.002325	2.6525	3407629	0.0181	36.439	0.002319	35
40	0.017700	92434	1636	458355	0.003569	2.6674	2942589	0.0535	31.834	0.003536	40
45	0.026389	90758	2396	448505	0.005342	2.7106	2484234	0.0000	27.360	0.005342	45
50	0.045907	88402	4058	432727	0.009378	2.7126	2035729	0.0000	23.028	0.009378	50
55	0.077505	84344	6537	406593	0.016078	2.6861	1603002	0.0000	19.006	0.016078	55
60	0.127189	77807	9896	365681	0.027062	2.6402	1196409	0.0161	15.377	0.026977	60
65	0.194336	67911	13198	307664	0.042896	2.5837	830728	0.0161	12.233	0.042778	65
70	0.277807	54713	15200	236054	0.064391	2.5320	523063	0.0161	9.560	0.064221	70
75	0.393178	39513	15536	158282	0.098153	2.4713	287010	0.0161	7.264	0.097886	75
80	0.544592	23978	13058	85509	0.152709	2.4264	128728	0.0161	5.369	0.152296	80
85+	1.000000	10920	10920	43219	0.252658	3.9579	43219	0.0161	3.958	0.252707	85+

x	nq_x	l_x	n^d_x	nL_x	n^m_x	n^o_x	T_x	r_x	i_x	nM_x	x
0	0.020813	100000	2081	98432	0.021144	0.2464	7344219	0.0024	73.442	0.021184	0
1	0.003811	97919	373	390593	0.000955	1.0993	7245787	0.0024	73.998	0.000958	1
5	0.001842	97546	180	487279	0.000369	2.5000	6855195	0.0243	70.277	0.000371	5
10	0.001502	97366	146	486473	0.000301	2.5616	6367916	0.0170	65.402	0.000300	10
15	0.002293	97220	223	485568	0.000459	2.6229	5881443	0.0000	60.496	0.000459	15
20	0.002864	96997	278	484314	0.000574	2.5888	5395875	0.0000	55.629	0.000574	20
25	0.003530	96719	341	482785	0.000707	2.6277	4911561	0.0078	50.782	0.000706	25
30	0.005053	96378	487	480745	0.001013	2.6541	4428776	0.0153	45.952	0.001011	30
35	0.007318	95890	702	477823	0.001469	2.6779	3948031	0.0000	41.172	0.001469	35
40	0.011411	95189	1086	473412	0.002294	2.6690	3470208	0.0236	36.456	0.002285	40
45	0.016818	94103	1583	466837	0.003390	2.6768	2996796	0.0000	31.846	0.003390	45
50	0.026260	92520	2430	456929	0.005317	2.6657	2529959	0.0000	27.345	0.005317	50
55	0.039010	90090	3514	442352	0.007945	2.6952	2073031	0.0029	23.011	0.007940	55
60	0.066101	86576	5723	419687	0.013636	2.6946	1630679	0.0293	18.835	0.013546	60
65	0.109571	80853	8859	383734	0.023087	2.6823	1210992	0.0293	14.978	0.022930	65
70	0.187169	71994	13475	328187	0.041059	2.6413	827258	0.0293	11.491	0.040787	70
75	0.307549	58519	17997	248832	0.072328	2.5684	499071	0.0293	8.528	0.071876	75
80	0.478326	40522	19383	154806	0.125205	2.5338	250239	0.0293	6.175	0.124331	80
85+	*1.000000	21139	21139	95433	0.221508	4.5145	95433	0.0293	4.515	0.218840	85+

RATES PER THOUSAND	OBSERVED POPULATION			PROJECTED POPULATION				STABLE POPULATION			
	BOTH SEXES	MALES	FEMALES	1970		1975		1980		MALES	FEMALES
Birth	17.70	19.15	16.38	17.91	15.41	16.85	14.63	16.79	14.74	17.96	16.74
Death	11.48	12.41	10.64	12.61	11.74	12.72	12.66	12.77	13.35	12.43	11.21
Increase	6.21	6.74	5.74	5.30	3.67	4.13	1.97	4.02	1.39	5.53	5.53
PERCENTAGE											
under 15	22.56	24.36	20.93	25.48	22.05	25.62	22.39	24.66	21.81	25.04	23.50
15-64	65.52	65.90	65.18	63.79	62.50	63.14	60.73	64.36	60.65	65.02	63.06
65 and over	11.92	9.75	13.89	10.72	15.45	11.24	16.87	10.97	17.54	9.94	13.44
DEP. RATIO X 100	52.62	51.76	53.41	56.76	59.99	58.37	64.66	55.37	64.88	53.80	58.58