

World Population

An Analysis of Vital Data

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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		MALES	FEMALES	
		Number	%	Number	%					
0	611636	305452	2.3	306184	2.3	0	46989	26919	20070	0
1-4	3635149	1836112	14.0	1799037	13.7	0	39694	20939	18755	1-4
5-9	3999174	2016270	15.3	1982904	15.1	0	13253	6982	6271	5-9
10-14	3093646	1565892	11.9	1527754	11.7	250	6115	3415	2700	10-14
15-19	2503381	1265155	9.6	1238226	9.4	50247	5281	2814	2467	15-19
20-24	2420394	1214359	9.2	1206035	9.2	241585	7156	3560	3616	20-24
25-29	2074755	1026656	7.8	1048099	8.0	254252	6991	3286	3705	25-29
30-34	1756918	885683	6.7	871235	6.6	185721	7273	3586	3687	30-34
35-39	1374451	693449	5.3	681002	5.2	121568	7722	3947	3775	35-39
40-44	1134443	569750	4.3	564693	4.3	50040	8006	4309	3697	40-44
45-49	978413	494692	3.8	483721	3.7	10501	8522	5112	3410	45-49
50-54	813420	402425	3.1	410995	3.1	1374	9133	5479	3654	50-54
55-59	651814	322259	2.4	329555	2.5	0	9367	5700	3667	55-59
60-64	474391	229019	1.7	245372	1.9	0	10109	6009	4100	60-64
65-69	313148	149292	1.1	163856	1.3	0	8942	5171	3771	65-69
70-74	198262	87986	0.7	110276	0.8	0	8690	4627	4063	70-74
75-79	117319	49285	0.4	68034	0.5	484031 M.	7008	3536	3472	75-79
80-84	62086	24307	0.2	37779	0.3	431507 F.	5741	2665	3076	80-84
85+	45116	16106	0.1	29010	0.2		5860	2382	3478	85+
TOTAL	26257916	13154149		13103767		915538	221852	120418	101434	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	0.083387	100000	8339	94620	0.088128	0.3548	5838546	0.0000	58.385	0.088128	0
1	0.044219	91661	4053	355413	0.011404	1.2288	5743926	0.0000	62.665	0.011404	1
5	0.016956	87608	1485	434327	0.003420	2.5000	5388513	0.0263	61.507	0.003463	5
10	0.010787	86123	929	428178	0.002170	2.3785	4954186	0.0441	57.525	0.002181	10
15	0.011079	85194	944	423669	0.002228	2.5644	4526008	0.0231	53.126	0.002224	15
20	0.014491	84250	1221	418275	0.002919	2.5644	4102339	0.0181	48.693	0.002915	20
25	0.015913	83029	1321	411930	0.003207	2.5670	3684063	0.0282	44.371	0.003201	25
30	0.020140	81708	1646	404620	0.004067	2.6187	3272133	0.0350	40.047	0.004049	30
35	0.028214	80062	2259	394924	0.005720	2.6156	2867514	0.0384	35.816	0.005692	35
40	0.037263	77803	2899	382086	0.007588	2.6098	2472589	0.0260	31.780	0.007563	40
45	0.050563	74904	3787	365427	0.010364	2.5992	2095503	0.0243	27.909	0.010334	45
50	0.066114	71117	4702	344220	0.013659	2.5832	1725075	0.0291	24.257	0.013615	50
55	0.085284	66415	5664	318506	0.017783	2.6045	1380856	0.0377	20.791	0.017688	55
60	0.124183	60751	7544	285496	0.026425	2.5800	1062350	0.0530	17.487	0.026238	60
65	0.160892	53206	8561	245239	0.034907	2.5711	776853	0.0530	14.601	0.034637	65
70	0.234381	44646	10464	197466	0.052992	2.5379	531614	0.0530	11.907	0.052588	70
75	0.306091	34182	10463	144699	0.072307	2.4950	334148	0.0530	9.776	0.071746	75
80	0.430516	23719	10211	92389	0.110527	2.5621	189448	0.0530	7.987	0.109639	80
85+	1.000000	13508	13508	97059	0.139169	7.1855	97059	0.0530	7.186	0.147895	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	0.062976	100000	6298	96074	0.065549	0.3766	6375645	0.0000	63.756	0.065549	0
1	0.040547	93702	3799	364449	0.010425	1.2730	6279571	0.0000	67.016	0.010425	1
5	0.015481	89903	1392	446036	0.003120	2.5000	5915122	0.0276	65.794	0.003163	5
10	0.008742	88511	774	440513	0.001757	2.3601	5469087	0.0450	61.790	0.001767	10
15	0.009942	87737	872	436615	0.001998	2.6244	5028573	0.0215	57.314	0.001992	15
20	0.014906	86865	1295	431220	0.003003	2.6014	4591958	0.0138	52.863	0.002998	20
25	0.017561	85570	1503	424193	0.003542	2.5655	4160739	0.0289	48.624	0.003535	25
30	0.021025	84068	1768	416077	0.004248	2.5890	3736545	0.0387	44.447	0.004232	30
35	0.027438	82300	2258	406025	0.005562	2.5751	3320469	0.0379	40.346	0.005543	35
40	0.032257	80042	2582	393845	0.006556	2.5347	2914444	0.0278	36.411	0.006547	40
45	0.034706	77460	2688	380721	0.007061	2.5528	2520600	0.0244	32.541	0.007050	45
50	0.043636	74772	3263	365953	0.008916	2.5772	2139879	0.0295	28.619	0.008891	50
55	0.054500	71509	3897	348262	0.011190	2.6181	1773925	0.0397	24.807	0.011127	55
60	0.080936	67612	5472	324990	0.016838	2.6119	1425663	0.0522	21.086	0.016709	60
65	0.110027	62139	6837	294428	0.023221	2.6204	1100673	0.0522	17.713	0.023014	65
70	0.170410	55302	9424	253712	0.037145	2.5807	806245	0.0522	14.579	0.036844	70
75	0.228546	45878	10485	203727	0.051468	2.5523	552533	0.0522	12.043	0.051033	75
80	0.340616	35393	12055	146816	0.082112	2.7221	348806	0.0522	9.855	0.081421	80
85+	1.000000	23338	23338	201989	0.115539	8.6551	201989	0.0522	8.655	0.119890	85+

TABLE 4
OBSERVED AND PROJECTED VITAL RATES

RATES PER THOUSAND	OBSERVED POPULATION			1965		PROJECTED POPULATION 1970		1975		STABLE POPULATION	
	BOTH SEXES	MALES	FEMALES	MALES	FEMALES	MALES	FEMALES	MALES	FEMALES	MALES	FEMALES
Birth	34.87	36.80	32.93	36.50	32.94	35.60	33.29	37.36	34.21	33.92	32.23
Death	8.45	9.15	7.74	9.29	7.80	9.54	8.08	9.81	8.40	11.78	10.08
Increase	26.42	27.64	25.19	27.21	25.14	27.06	25.21	27.55	25.81	22.14	22.1485
PERCENTAGE											
under 15	43.19	43.51	42.86	42.44	41.21	40.41	38.58	39.98	37.56	37.95	37.00
15-64	54.01	54.00	54.02	54.64	55.06	56.27	57.17	56.43	57.75	56.98	56.36
65 and over	2.80	2.49	3.12	2.92	3.73	3.32	4.26	3.59	4.70	5.07	6.65
DEP. RATIO X 100	85.14	85.18	85.11	83.02	81.62	77.72	74.93	77.20	73.17	75.50	77.45