

CHAPTER 35

Syphilis and Sequelae, Deaths: Relation with Medical Radiation

Box 1 of Chap. 35

Summary: Regression Outputs, Syphilis and Its Sequelae, Death Rates.

Below are the summary-results from all the regressions of MortRates upon PhysPops. MortRates are from Table 35-A, and PhysPops are from Table 3-A.

MALES .....

Year MortRate	Year PhysPop	R-squared	Constant	Coeff.	Std Err	Coeff/S.E
1940	1921	0.3170	47.2321	-0.1986	0.1102	-1.8025
1940	1923	0.2964	43.9384	-0.1791	0.1043	-1.7174
1940	1925	0.3040	41.8094	-0.1681	0.0962	-1.7484
1940	1927	0.3220	41.1592	-0.1658	0.0909	-1.8232
1940	1929	0.3415	40.9113	-0.1652	0.0867	-1.9052
1940	1931	0.3336	38.9976	-0.1489	0.0795	-1.8720
1940	1934	0.3465	37.1900	-0.1336	0.0693	-1.9266
1940	1936	0.3581	36.9131	-0.1306	0.0661	-1.9759
1940	1938	0.3578	35.9960	-0.1226	0.0621	-1.9747
1940	1940	0.3278	34.0663	-0.1056	0.0572	-1.8477
1950	1950	0.4949	12.1845	-0.0412	0.0157	-2.6189
1960	1960	0.0429	2.7310	-0.0042	0.0075	-0.5600
1970	1970	--	--	--	--	--
1980	1980	--	--	--	--	--
1990	1990	--	--	--	--	--

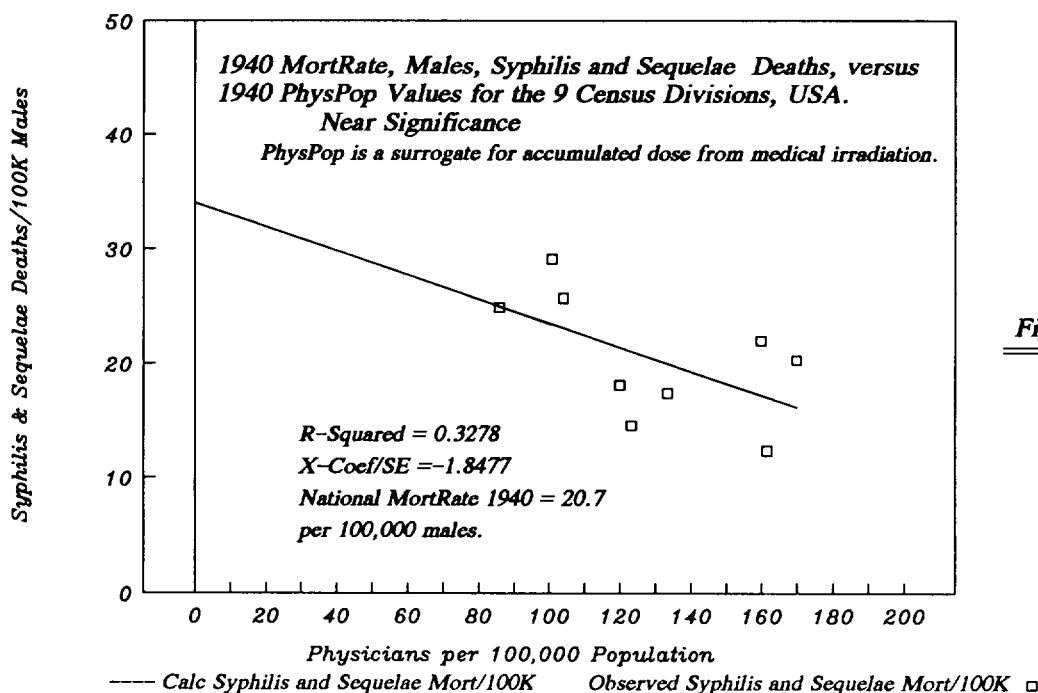


Figure 35-A

**Table 35-A**  
***Syphilis and Its Sequelae: Rates by Census Divisions and National.***

Annual death-rates per 100,000 are age-adjusted to the 1940 reference year. There are no exclusions by color or "race." Entries for the Nine Census Divisions are population-weighted; the averages below them are not. "National Rates" for both sexes: Deaths per 100,000 population (males + females). Males: Deaths per 100,000 male population. Females: Deaths per 100,000 female population.

MALES .....						
Census Division	1940	1950	1960	1970	1980	1990
Pacific	22.0	7.1	2.3	--	--	--
New England	12.3	4.7	2.0	--	--	--
West North Central	14.5	6.0	1.9	--	--	--
Mid-Atlantic	20.3	5.4	2.0	--	--	--
East North Central	17.4	6.8	1.6	--	--	--
Mountain	18.1	6.8	2.0	--	--	--
West South Central	25.7	10.0	3.6	--	--	--
East South Central	24.9	7.1	1.9	--	--	--
South Atlantic	29.1	9.4	2.6	--	--	--
Average ALL	20.5	7.0	2.2	--	--	--
Average High-Five	17.3	6.0	2.0	--	--	--
Average Low-Four	24.5	8.3	2.5	--	--	--
Ratio (High/Low)	0.71	0.72	0.78	--	--	--
FEMALES .....						
	1940	1950	1960	1970	1980	1990
Pacific					--	--
New England					--	--
West North Central					--	--
Mid-Atlantic					--	--
East North Central					--	--
Mountain					--	--
West South Central					--	--
East South Central					--	--
South Atlantic					--	--
Average ALL					--	--
Average High-Five					--	--
Average Low-Four					--	--
Ratio (High/Low)					--	--
NATIONAL RATES .....						
Both Sexes	14.4	4.6	1.4	--	--	--
Males	20.7	7.0	2.2	--	--	--
Females	7.9	2.4	0.7	--	--	--

● - 1940, 1950, 1960: All rates come from Grove 1968, Table 67, Pages 673-676, Death-rates from "Syphilis and Its Sequelae (020-029)" ICD/7.

● - Omitted data are only marginally related to examination of Hypotheses 1+2, as noted in Chapter 4, Part 2c.