

ANNUAL MORBIDITY AND MORTALITY RATES FOR 1920 IN CITIES OVER 100,000

Rate per 100,000 Population

CITIES	Total Death Rate per 1000 Pop- ulation July 1st, 1920	Census	Diphtheria		Epidemic Meningitis		Pneumonia Lobar		Pneumonia Broncho		Influenza	
			Mor- tality	Mor- tality	Mor- tality	Mor- tality	Mor- tality	Mor- tality	Mor- tality	Mor- tality	Mor- tality	Mor- tality
Albany	15.8	113,290	8.5	502.3	1.8	1.8	7.1	402.5	118.5	126.5	192.4	144.8
Baltimore	15.3	740,172	34.5	47.7	68.8	8.2	8.7	166.6	127.6	200.7	149.6	149.6
Buffalo	14.2	510,106	607.7	58.4	1.0	1.0	74.5	89.2	89.2	385.4	108.5	108.5
Birmingham	16.5	180,685	69.7	180.685	7.3	5.5	72.9	108.0	108.0	1609.0	39.9	39.9
Boston	13.4	751,108	121.2	121.2	6.1	5.0	137.3	89.3	89.3	64.8	63.2	63.2
Cambridge	15.5	109,694	200.6	200.6	7.3	5.5	72.9	89.3	89.3	1609.0	39.9	39.9
Chicago	12.7	2,727,504	239,807	239,807	14.3	1.3	70.9	290.0	290.0	1146.5	88.3	88.3
Cincinnati	15.1	401,878	164.0	164.0	1.5	1.5	151.6	75.8	75.8	1146.5	88.3	88.3
Cleveland	12.4	828,268	69.7	180.685	6.9	5.2	74.4	135.6	135.6	291.7	136.8	136.8
Detroit	13.7	993,739	45.6	258,583	5.0	5.0	174.4	190.8	190.8	278.4	119.5	119.5
Grand Rapids	14.1	138,829	320.8	320.8	2.2	2.2	161.1	167.8	167.8	1084.1	35.0	35.0
Indianapolis	14.6	317,868	24.5	317,868	6.9	6.9	105.1	105.1	105.1	1084.1	35.0	35.0
Kansas City, Mo.	16.1	328,326	20.7	328,326	7.6	7.6	105.1	105.1	105.1	1084.1	35.0	35.0
Louisville	14.6	235,289	51.9	235,289	3.8	3.8	110.1	171.3	171.3	1084.1	35.0	35.0
Los Angeles	14.1	587,073	431.1	431.1	10.4	10.4	104.4	104.4	104.4	1128.3	104.3	104.3
Memphis	12.7	324,371	179.7	324,371	2.3	2.3	50.4	102.3	102.3	1128.3	104.3	104.3
New Haven	19.6	163,879	291.7	163,879	11.6	11.6	104.4	102.3	102.3	1128.3	104.3	104.3
New Orleans	17.6	339,897	23.1	339,897	4.3	4.3	91.5	103.8	103.8	1128.3	104.3	104.3
New York	12.9	5,665,148	73.3	5,665,148	18.4	18.4	91.5	103.8	103.8	1128.3	104.3	104.3
NEWARK	13.3	417,634	244.7	417,634	6.9	6.9	104.4	104.4	104.4	1128.3	104.3	104.3
Philadelphia	14.4	1,837,270	183.8	1,837,270	2.6	2.6	104.4	104.4	104.4	1128.3	104.3	104.3
Portland, Ore.	16.4	260,478	142.8	260,478	1.9	1.9	69.1	109.5	109.5	1079.5	84.8	84.8
Pittsburgh	14.4	590,476	224.6	590,476	2.4	2.4	104.4	104.4	104.4	1079.5	84.8	84.8
Portland, Me.	14.4	290,013	394.2	290,013	2.7	2.7	104.4	104.4	104.4	1079.5	84.8	84.8
Richmond	16.6	171,667	46.0	171,667	0.4	0.4	104.4	104.4	104.4	1079.5	84.8	84.8
Roanoke	12.0	299,013	9.0	299,013	3.5	3.5	104.4	104.4	104.4	1079.5	84.8	84.8
San Francisco	14.1	518,122	13.8	518,122	3.1	3.1	104.4	104.4	104.4	1079.5	84.8	84.8
Seattle	10.5	319,639	36.5	319,639	1.9	1.9	104.4	104.4	104.4	1079.5	84.8	84.8
St. Paul	13.5	235,617	44.1	235,617	2.1	2.1	104.4	104.4	104.4	1079.5	84.8	84.8
St. Louis	14.1	777,330	36.5	777,330	1.9	1.9	104.4	104.4	104.4	1079.5	84.8	84.8
Spokane	14.2	104,194	36.5	104,194	1.9	1.9	104.4	104.4	104.4	1079.5	84.8	84.8
Washington, D. C.	14.7	437,571	43.7	437,571	1.7	1.7	104.4	104.4	104.4	1079.5	84.8	84.8

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Rate per 100,000 Population

CITIES	Total Death Rate per 1000 Pop- ulation July 1st, 1920	Census	Typhoid Fever		Measles		Scarlet Fever		Whooping Cough		Tuberculosis of Lungs		Tuberculosis (All Forms)	
			Mor- tality	Mor- tality	Mor- tality	Mor- tality	Mor- tality	Mor- tality	Mor- tality	Mor- tality	Mor- tality	Mor- tality	Mor- tality	Mor- tality
Albany	15.8	113,290	8.5	502.3	1.8	1.8	7.1	402.5	118.5	126.5	192.4	144.8	144.8	
Baltimore	15.3	740,172	34.5	47.7	68.8	8.2	8.7	166.6	127.6	200.7	149.6	149.6	149.6	
Buffalo	14.2	510,106	607.7	58.4	1.0	1.0	74.5	89.3	89.3	64.8	63.2	63.2	63.2	
Birmingham	16.5	180,685	69.7	180.685	7.3	5.5	72.9	108.0	108.0	1609.0	39.9	39.9	39.9	
Boston	13.4	751,108	121.2	121.2	6.1	5.0	137.3	89.3	89.3	64.8	63.2	63.2	63.2	
Cambridge	15.5	109,694	200.6	200.6	7.3	5.5	72.9	89.3	89.3	1609.0	39.9	39.9	39.9	
Chicago	12.7	2,727,504	239,807	239,807	14.3	1.3	70.9	290.0	290.0	1146.5	88.3	88.3	88.3	
Cincinnati	15.1	401,878	164.0	164.0	1.5	1.5	151.6	75.8	75.8	1146.5	88.3	88.3	88.3	
Cleveland	12.4	828,268	69.7	180.685	6.9	5.2	74.4	135.6	135.6	291.7	136.8	136.8	136.8	
Detroit	13.7	993,739	45.6	258,583	5.0	5.0	174.4	190.8	190.8	278.4	119.5	119.5	119.5	
Grand Rapids	14.1	138,829	320.8	320.8	2.2	2.2	161.1	167.8	167.8	1084.1	35.0	35.0	35.0	
Indianapolis	14.6	317,868	24.5	317,868	6.9	6.9	105.1	105.1	105.1	1084.1	35.0	35.0	35.0	
Kansas City, Mo.	16.1	328,326	20.7	328,326	7.6	7.6	105.1	105.1	105.1	1084.1	35.0	35.0	35.0	
Louisville	14.6	235,289	51.9	235,289	3.8	3.8	110.1	171.3	171.3	1084.1	35.0	35.0	35.0	
Los Angeles	14.1	587,073	31.0	587,073	10.4	10.4	104.4	104.4	104.4	1128.3	104.3	104.3	104.3	
Memphis	12.7	324,371	179.7	324,371	2.3	2.3	50.4	102.3	102.3	1128.3	104.3	104.3	104.3	
New Haven	19.6	163,879	291.7	163,879	11.6	11.6	104.4	102.3	102.3	1128.3	104.3	104.3	104.3	
New Orleans	17.6	339,897	23.1	339,897	4.3	4.3	91.5	103.8	103.8	1128.3	104.3	104.3	104.3	
New York	12.9	5,665,148	73.3	5,665,148	18.4	18.4	91.5	103.8	103.8	1128.3	104.3	104.3	104.3	
NEWARK	13.3	417,634	244.7	417,634	6.9	6.9	104.4	104.4	104.4	1128.3	104.3	104.3	104.3	
Philadelphia	14.4	1,837,270	183.8	1,837,270	2.6	2.6	104.4	104.4	104.4	1128.3	104.3	104.3	104.3	
Portland, Ore.	16.4	260,478	142.8	260,478	1.9	1.9	69.1	109.5	109.5	1079.5	84.8	84.8	84.8	
Pittsburgh	14.4	590,476	224.6	590,476	2.4	2.4	104.4	104.4	104.4	1079.5	84.8	84.8	84.8	
Portland, Me.	14.4	290,013	394.2	290,013	2.7	2.7	104.4	104.4	104.4	1079.5	84.8	84.8	84.8	
Richmond	16.6	171,667	46.0	171,667	0.4	0.4	104.4	104.4	104.4	1079.5	84.8	84.8	84.8	
Roanoke	12.0	299,013	9.0	299,013	3.5	3.5	104.4	104.4	104.4	1079.5	84.8	84.8	84.8	
San Francisco	14.1	518,122	13.8	518,122	3.1	3.1	104.4	104.4	104.4	1079.5	84.8	84.8	84.8	
Seattle	10.5	319,639	36.5	319,639	1.9	1.9	104.4	104.4	104.4	1079.5	84.8	84.8	84.8	
St. Paul	13.5	235,617	44.1	235,617	2.1	2.1	104.4	104.4	104.4	1079.5	84.8	84.8	84.8	
St. Louis	14.1	777,330	36.5	777,330	1.9	1.9	104.4	104.4	104.4	1079.5	84.8	84.8	84.8	
Spokane	14.2	104,194	36.5	104,194	1.9	1.9	104.4	104.4	104.4	1079.5	84.8	84.8	84.8	
Washington, D. C.	14.7	437,571	43.7	437,571	1.7	1.7	104.4	104.4	104.4	1079.5	84.8	84.8	84.8	

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