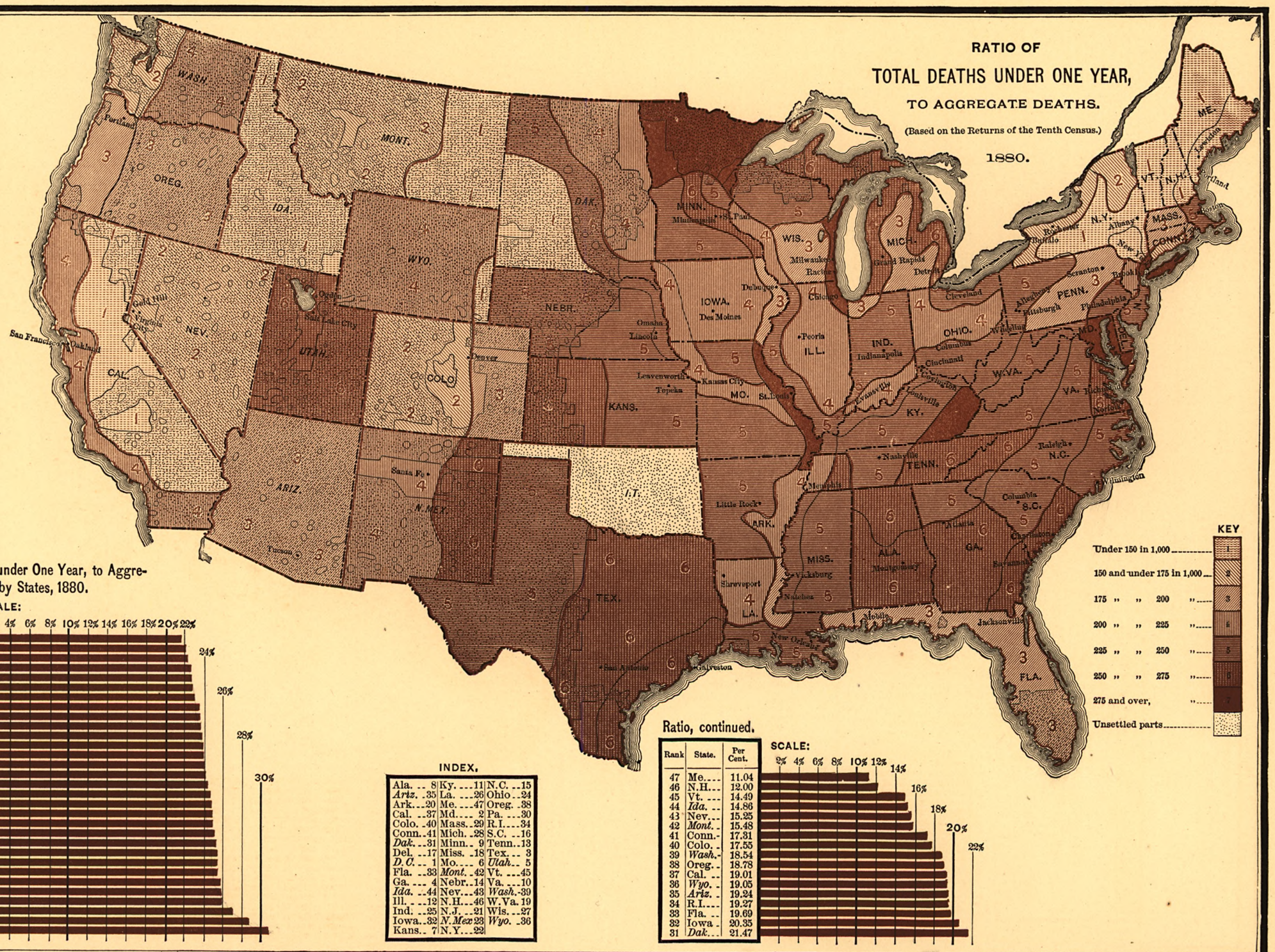
MORTALITY

RATIO OF TOTAL DEATHS UNDER ONE YEAR, TO AGGREGATE DEATHS.

(Based on the Returns of the Tenth Census.)

1880.



KEY

Under 150 in 1,000	1
150 and under 175 in 1,000	2
175 " " 200 "	3
200 " " 225 "	4
225 " " 250 "	5
250 " " 275 "	6
275 and over, "	7
Unsettled parts	

Ratio of Total Deaths under One Year, to Aggregate Deaths, by States, 1880.

Rank	State.	Per Cent.
30	Pa.	21.51
29	Mass.	21.99
28	Mich.	22.01
27	Wis.	22.33
26	La.	22.38
25	Ind.	22.41
24	Ohio	22.79
23	*N. Mex*	23.15
	U.S.	23.16
22	N.Y.	23.22
21	N.J.	23.47
20	Ark.	23.60
19	W.Va.	23.69
18	Miss.	23.79
17	Del.	23.92
16	S.C.	24.01
15	N.C.	24.22
14	Nebr.	24.28
13	Tenn.	24.36
12	Ill.	24.37
11	Ky.	24.77
10	Va.	24.93
9	Minn.	25.07
8	Ala.	25.08
7	Kans.	25.09
6	Mo.	25.41
5	*Utah*	25.60
4	Ga.	25.77
3	Tex.	26.72
2	Md.	28.34
1	*D.C.*	30.61

SCALE: 2% 4% 6% 8% 10% 12% 14% 16% 18% 20% 22% 24% 26% 28% 30%

INDEX.

Ala.	8	Ky.	11	N.C.	15
Ariz.	35	La.	26	Ohio	24
Ark.	20	Me.	47	Oreg.	38
Cal.	37	Md.	2	Pa.	30
Colo.	40	Mass.	29	R.I.	34
Conn.	41	Mich.	28	S.C.	16
Dak.	31	Minn.	9	Tenn.	13
Del.	17	Miss.	18	Tex.	3
D.C.	1	Mo.	6	*Utah*	5
Fla.	33	*Mont.*	42	Vt.	45
Ga.	4	Nebr.	14	Va.	10
Ida.	44	Nev.	43	*Wash.*	39
Ill.	12	N.H.	46	W.Va.	19
Ind.	25	N.J.	21	Wis.	27
Iowa.	32	*N.Mex*	23	*Wyo.*	36
Kans.	7	N.Y.	22		

Ratio, continued.

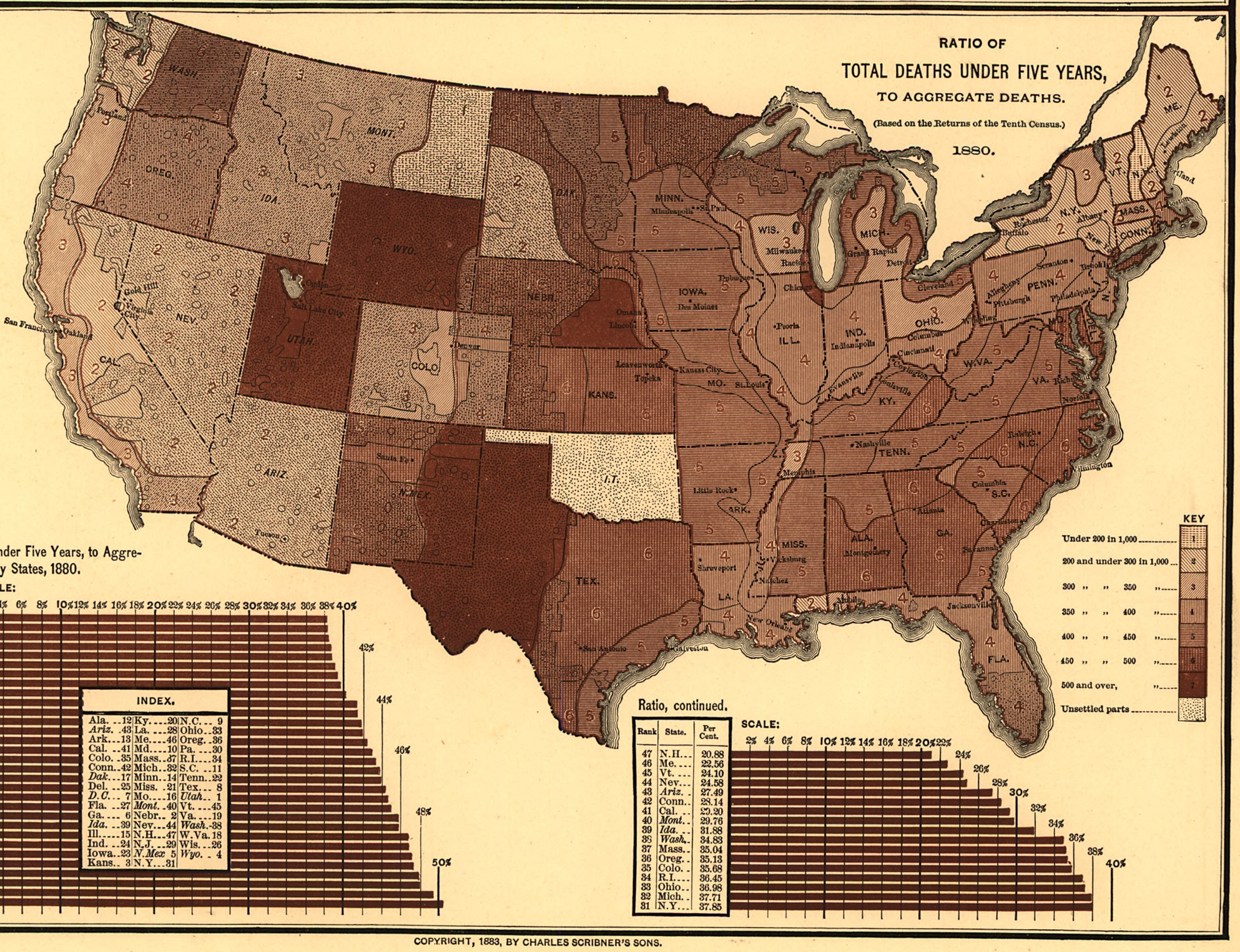
Rank	State.	Per Cent.
47	Me.	11.04
46	N.H.	12.00
45	Vt.	14.49
44	*Ida.*	14.86
43	Nev.	15.25
42	*Mont.*	15.48
41	Conn.	17.31
40	Colo.	17.55
39	*Wash.*	18.54
38	Oreg.	18.78
37	Cal.	19.01
36	*Wyo.*	19.05
35	*Ariz.*	19.24
34	R.I.	19.27
33	Fla.	19.69
32	Iowa	20.35
31	*Dak.*	21.47

SCALE: 2% 4% 6% 8% 10% 12% 14% 16% 18% 20% 22%

RATIO OF TOTAL DEATHS UNDER FIVE YEARS, TO AGGREGATE DEATHS.

(Based on the Returns of the Tenth Census.)

1880.



KEY

Under 200 in 1,000	1
200 and under 300 in 1,000	2
300 " " 350 "	3
350 " " 400 "	4
400 " " 450 "	5
450 " " 500 "	6
500 and over, "	7
Unsettled parts	

Ratio of Total Deaths under Five Years, to Aggregate Deaths, by States, 1880.

Rank	State.	Per Cent.
30	Pa.	37.99
29	N.J.	38.03
28	La.	38.11
27	Fla.	38.33
26	Wis.	38.49
25	Del.	38.96
24	Ind.	39.20
23	Iowa.	39.60
	U.S.	40.00
22	Tenn.	41.03
21	Miss.	41.04
20	Ky.	41.63
19	Va.	41.81
18	W. Va.	42.10
17	*Dak.*	42.63
16	Mo.	43.18
15	Ill.	43.47
14	Minn.	43.67
13	Ark.	44.05
12	Ala.	44.30
11	S.C.	44.83
10	Md.	45.68
9	N.C.	45.70
8	Tex.	46.50
7	*D.C.*	46.54
6	Ga.	46.87
5	*N. Mex*	47.04
4	*Wyo.*	47.61
3	Kans.	47.68
2	Nebr.	49.12
1	*Utah*	51.03

SCALE: 2% 4% 6% 8% 10% 12% 14% 16% 18% 20% 22% 24% 26% 28% 30% 32% 34% 36% 38% 40% 42% 44% 46% 48% 50%

INDEX.

Ala.	12	Ky.	20	N.C.	9
Ariz.	43	La.	28	Ohio	33
Ark.	13	Me.	46	Oreg.	36
Cal.	41	Md.	10	Pa.	30
Colo.	35	Mass.	37	R.I.	34
Conn.	42	Mich.	32	S.C.	11
Dak.	17	Minn.	14	Tenn.	22
Del.	25	Miss.	21	Tex.	8
D.C.	7	Mo.	16	*Utah*	1
Fla.	27	*Mont.*	40	Vt.	45
Ga.	6	Nebr.	2	Va.	19
Ida.	39	Nev.	44	*Wash.*	38
Ill.	15	N.H.	47	W.Va.	18
Ind.	24	N.J.	29	Wis.	26
Iowa.	23	*N.Mex*	5	*Wyo.*	4
Kans.	3	N.Y.	31		

Ratio, continued.

Rank	State.	Per Cent.
47	N.H.	20.88
46	Me.	22.56
45	Vt.	24.10
44	Nev.	24.58
43	*Ariz.*	27.49
42	Conn.	28.14
41	Cal.	29.20
40	*Mont.*	29.76
39	*Ida.*	31.88
38	*Wash.*	34.83
37	Mass.	35.04
36	Oreg.	35.13
35	Colo.	35.68
34	R.I.	36.45
33	Ohio	36.98
32	Mich.	37.71
31	N.Y.	37.85

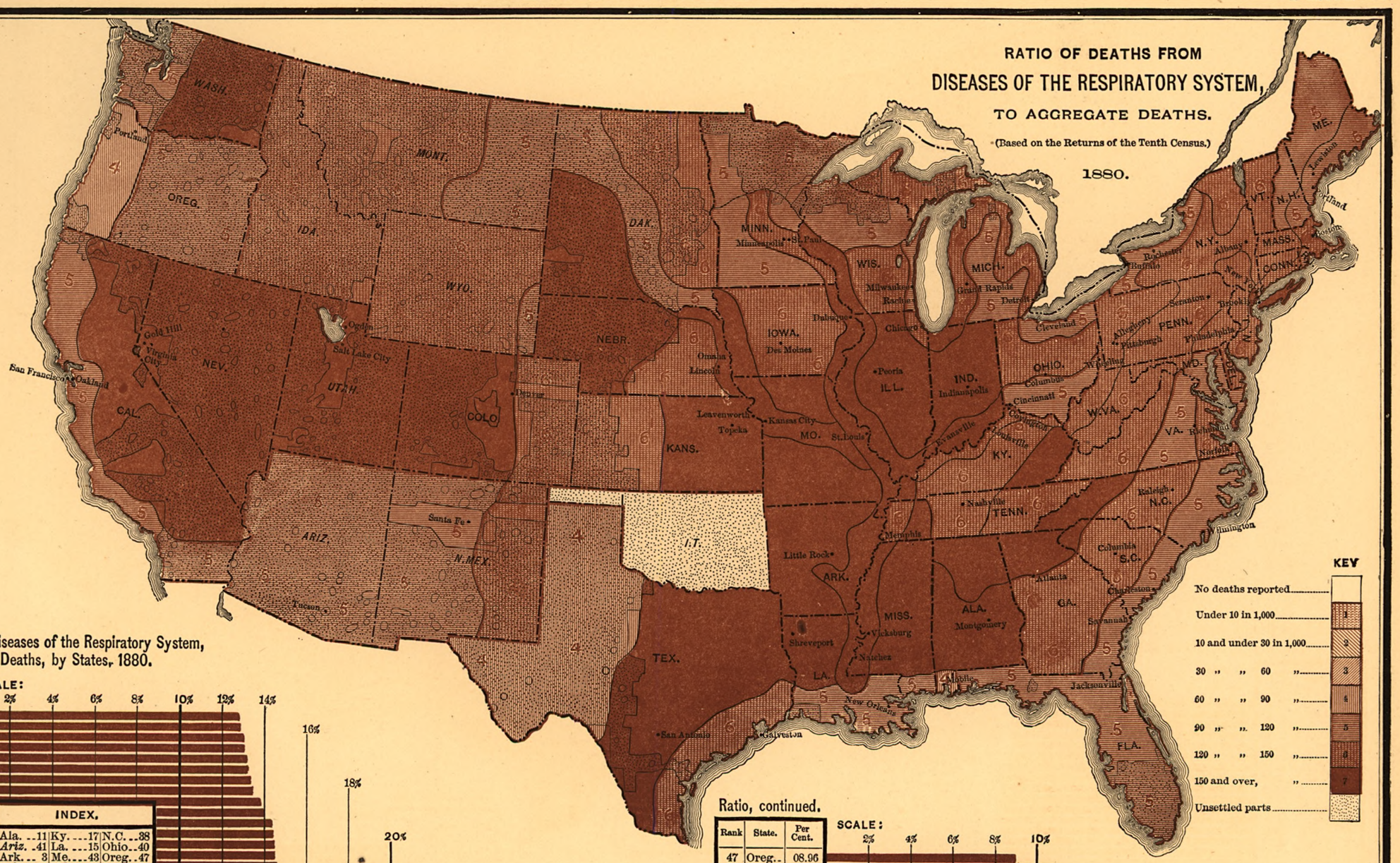
SCALE: 2% 4% 6% 8% 10% 12% 14% 16% 18% 20% 22% 24% 26% 28% 30% 32% 34% 36% 38% 40%

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RATIO OF DEATHS FROM DISEASES OF THE RESPIRATORY SYSTEM, TO AGGREGATE DEATHS.

(Based on the Returns of the Tenth Census.)

1880.



KEY

No deaths reported	
Under 10 in 1,000	1
10 and under 30 in 1,000	2
30 " " 60 "	3
60 " " 90 "	4
90 " " 120 "	5
120 " " 150 "	6
150 and over, "	7
Unsettled parts	

Ratio of Deaths from Diseases of the Respiratory System, to Aggregate Deaths, by States, 1880.

Rank	State.	Per Cent.
30	Wis.	12.66
29	*Wash.*	12.71
28	Va.	12.92
27	Del.	12.92
26	*Mont.*	13.09
25	Cal.	13.13
24	Mass.	13.22
23	Conn.	13.34
22	N.J.	13.79
21	Vt.	13.91
20	Ga.	14.22
19	*Ida.*	14.24
18	N.Y.	14.39
17	Ky.	14.39
16	*Dak.*	14.41
15	La.	14.48
14	Nebr.	14.62
13	Iowa.	14.81
12	Tenn.	15.05
11	Ala.	15.12
10	Tex.	15.75
9	Ind.	15.90
8	Ill.	16.43
7	Kans.	16.92
6	Miss.	18.36
5	Mo.	18.56
4	*Utah*	18.93
3	Ark.	19.25
2	Colo.	21.82
1	Nev.	25.27

SCALE: 2% 4% 6% 8% 10% 12% 14% 16% 18% 20% 22% 24% 26%

INDEX.

Ala. 11	Ky. 17	N.C. 38
Ariz. 41	La. 15	Ohio 40
Ark. 3	Me. 43	Oreg. 47
Cal. 25	Md. 39	Pa. 32
Colo. 2	Mass. 24	R.I. 46
Conn. 23	Mich. 35	S.C. 34
Dak. 16	Minn. 44	Tenn. 12
Del. 27	Miss. 6	Tex. 10
D.C. 33	Mo. 5	*Utah* 4
Fla. 45	*Mont.* 26	Vt. 21
Ga. 20	Nebr. 14	Va. 28
Ida. 19	Nev. 1	*Wash.* 29
Ill. 8	N.H. 42	W.Va. 31
Ind. 9	N.J. 22	Wis. 30
Iowa. 13	*N.Mex* 37	*Wyo.* 36
Kans. 7	N.Y. 18	

Ratio, continued.

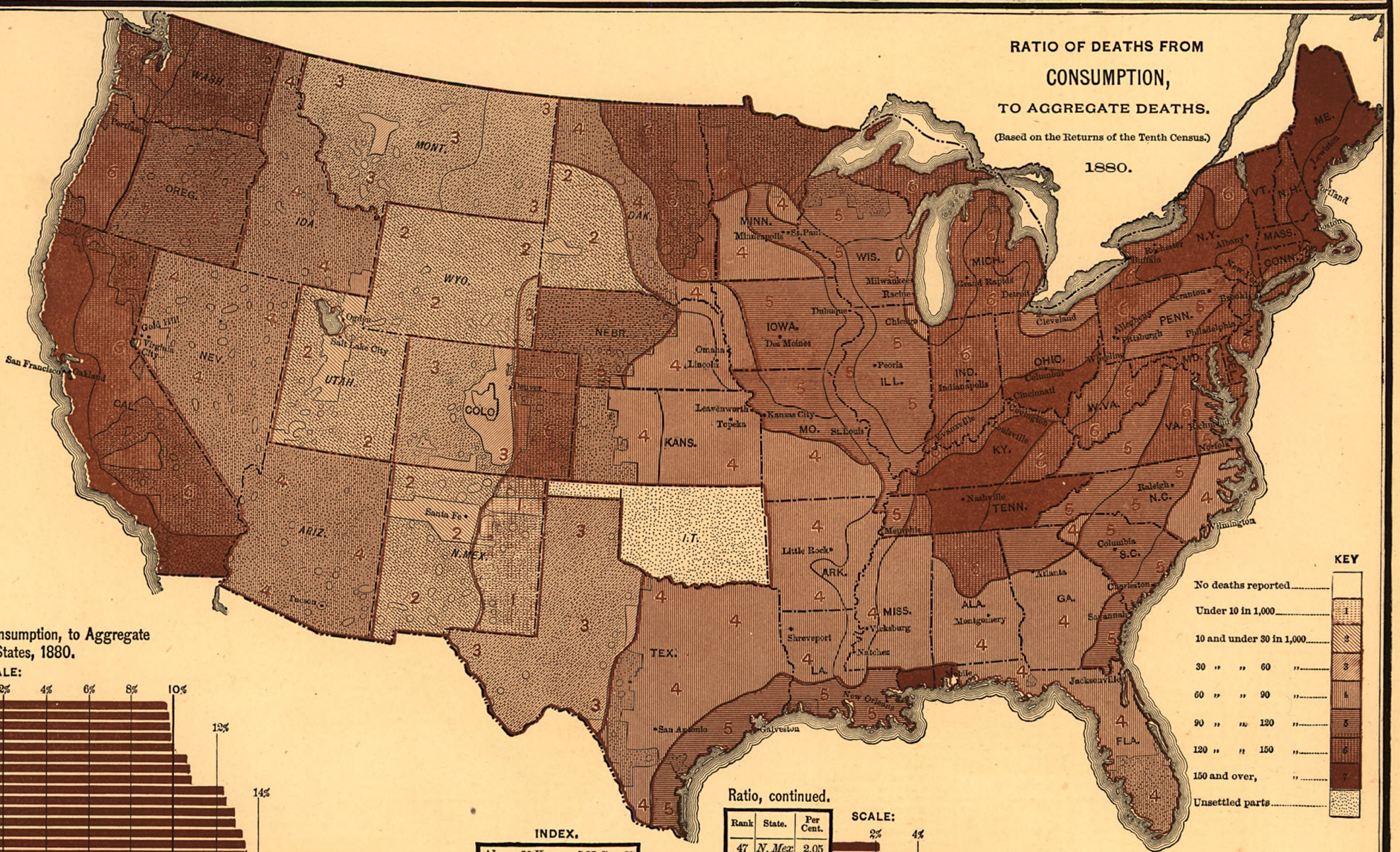
Rank	State.	Per Cent.
47	Oreg.	08.96
46	R.I.	10.86
45	Fla.	10.95
44	Minn.	10.95
43	Me.	10.97
42	N.H.	11.33
41	*Ariz.*	11.34
40	Ohio.	11.84
39	Md.	12.05
38	N.C.	12.06
37	*N. Mex*	12.11
36	*Wyo.*	12.16
35	Mich.	12.31
34	S.C.	12.39
33	*D.C.*	12.50
32	Pa.	12.63
31	W. Va.	12.65

SCALE: 2% 4% 6% 8% 10% 12% 14%

RATIO OF DEATHS FROM CONSUMPTION, TO AGGREGATE DEATHS.

(Based on the Returns of the Tenth Census.)

1880.



KEY

No deaths reported	
Under 10 in 1,000	1
10 and under 30 in 1,000	2
30 " " 60 "	3
60 " " 90 "	4
90 " " 120 "	5
120 " " 150 "	6
150 and over, "	7
Unsettled parts	

Ratio of Deaths from Consumption, to Aggregate Deaths, by States, 1880.

Rank	State.	Per Cent.
30	Ala.	9.64
29	S.C.	9.81
28	Mo.	9.84
27	N.C.	9.88
26	Iowa	9.93
25	Ill.	10.33
24	La.	10.43
23	Wis.	10.49
22	Oreg.	12.12
21	Va.	12.25
20	Ind.	12.63
19	Pa.	12.63
18	W. Va.	13.06
17	Mich.	13.23
16	*Wash.*	13.24
15	Ohio.	13.87
14	Md.	14.07
13	N.J.	14.23
12	Tenn.	14.53
11	N.Y.	14.55
10	R.I.	14.69
9	Conn.	15.13
8	N.H.	15.50
7	Cal.	15.62
6	Mass.	15.70
5	Ky.	15.73
4	Del.	16.13
3	Vt.	16.18
2	*D.C.*	18.91
1	Me.	19.20

SCALE: 2% 4% 6% 8% 10% 12% 14% 16% 18% 20%

INDEX.

Ala. 30	Ky. 5	N.C. 27
Ariz. 43	La. 24	Ohio 15
Ark. 42	Me. 1	Oreg. 22
Cal. 7	Md. 14	Pa. 19
Colo. 36	Mass. 6	R.I. 10
Conn. 9	Mich. 17	S.C. 29
Dak. 32	Minn. 31	Tenn. 12
Del. 4	Miss. 33	Tex. 41
D.C. 2	Mo. 28	*Utah* 45
Fla. 35	*Mont.* 44	Vt. 3
Ga. 37	Nebr. 39	Va. 21
Ida. 40	Nev. 34	*Wash.* 16
Ill. 25	N.H. 8	W.Va. 18
Ind. 20	N.J. 13	Wis. 23
Iowa. 26	*N.Mex* 47	*Wyo.* 46
Kans. 38	N.Y. 11	

Ratio, continued.

Rank	State.	Per Cent.
47	*N. Mex*	2.05
46	*Wyo.*	2.64
45	*Utah*	2.85
44	*Mont.*	5.35
43	*Ariz.*	6.18
42	Ark.	6.44
41	Tex.	6.55
40	*Ida.*	6.81
39	Nebr.	7.01
38	Kans.	7.36
37	Ga.	7.97
36	Colo.	8.24
35	Fla.	8.32
34	Nev.	8.37
33	Miss.	8.82
32	*Dak.*	8.89
31	Minn.	9.38

SCALE: 2% 4% 6% 8% 10%

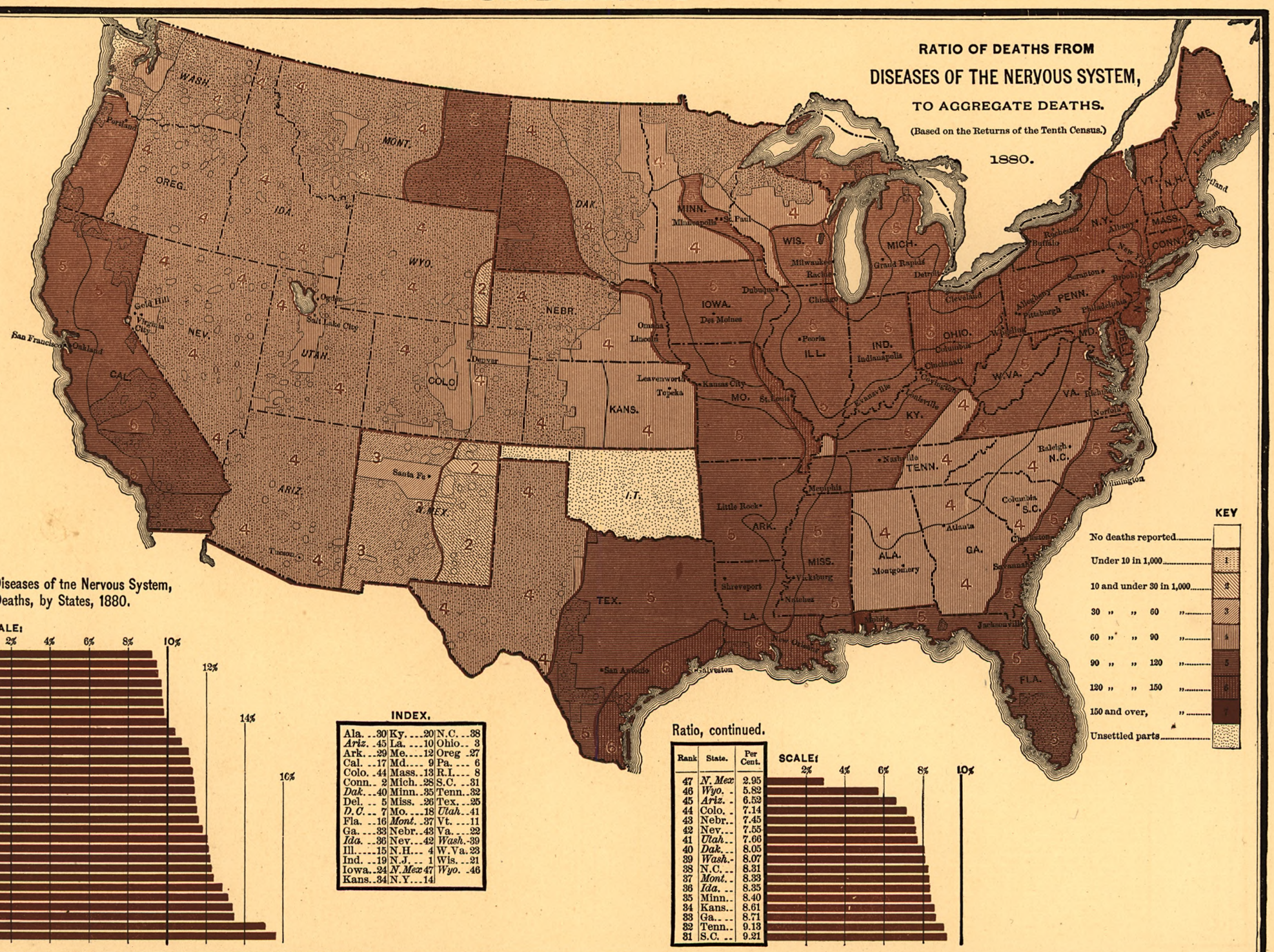
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MORTALITY

RATIO OF DEATHS FROM DISEASES OF THE NERVOUS SYSTEM, TO AGGREGATE DEATHS.

(Based on the Returns of the Tenth Census.)

1880.



KEY

No deaths reported	
Under 10 in 1,000	1
10 and under 30 in 1,000	2
30 " " 60 "	3
60 " " 90 "	4
90 " " 120 "	5
120 " " 150 "	6
150 and over, "	7
Unsettled parts	

Ratio of Deaths from Diseases of the Nervous System, to Aggregate Deaths, by States, 1880.

Rank	State.	Per Cent.
30	Ala.	9.34
29	Ark.	9.61
28	Mich.	9.63
27	Oreg.	9.76
26	Miss.	9.84
25	Tex.	9.90
24	Iowa.	9.96
23	W. Va.	10.00
22	Va.	10.40
21	Wis.	10.60
20	Ky.	11.01
19	Ind.	11.07
18	Mo.	11.24
17	Cal.	11.32
16	Fla.	11.33
15	Ill.	11.43
14	N.Y.	11.46
13	Mass.	11.57
12	Me.	11.92
11	Vt.	12.10
10	La.	12.13
9	Md.	12.18
8	R.I.	12.22
7	*D.C.*	12.28
6	Pa.	12.83
5	Del.	13.15
4	N.H.	13.44
3	Ohio	13.46
2	Conn.	15.04
1	N.J.	15.91

SCALE: 2% 4% 6% 8% 10% 12% 14% 16%

INDEX.

Ala.	30	Ky.	20
Ariz.	45	La.	10
Ark.	29	Me.	12
Cal.	17	Md.	9
Colo.	44	Mass.	13
Conn.	2	Mich.	28
Dak.	40	Minn.	35
Del.	5	Miss.	26
D.C.	7	Mo.	18
Fla.	16	*Mont.*	37
Ga.	33	Nebr.	43
Ida.	36	Nev.	42
Ill.	15	N.H.	4
Ind.	19	N.J.	1
Iowa.	24	*N.Mex*	47
Kans.	34	N.Y.	14
N.C.	38	Ohio	3
Oreg	27	Pa.	6
R.I.	8	S.C.	31
Tenn.	32	Tex.	25
Utah	41	Vt.	11
Va.	22	*Wash.*	39
W.Va.	23	Wis.	21
Wyo.	46		

Ratio, continued.

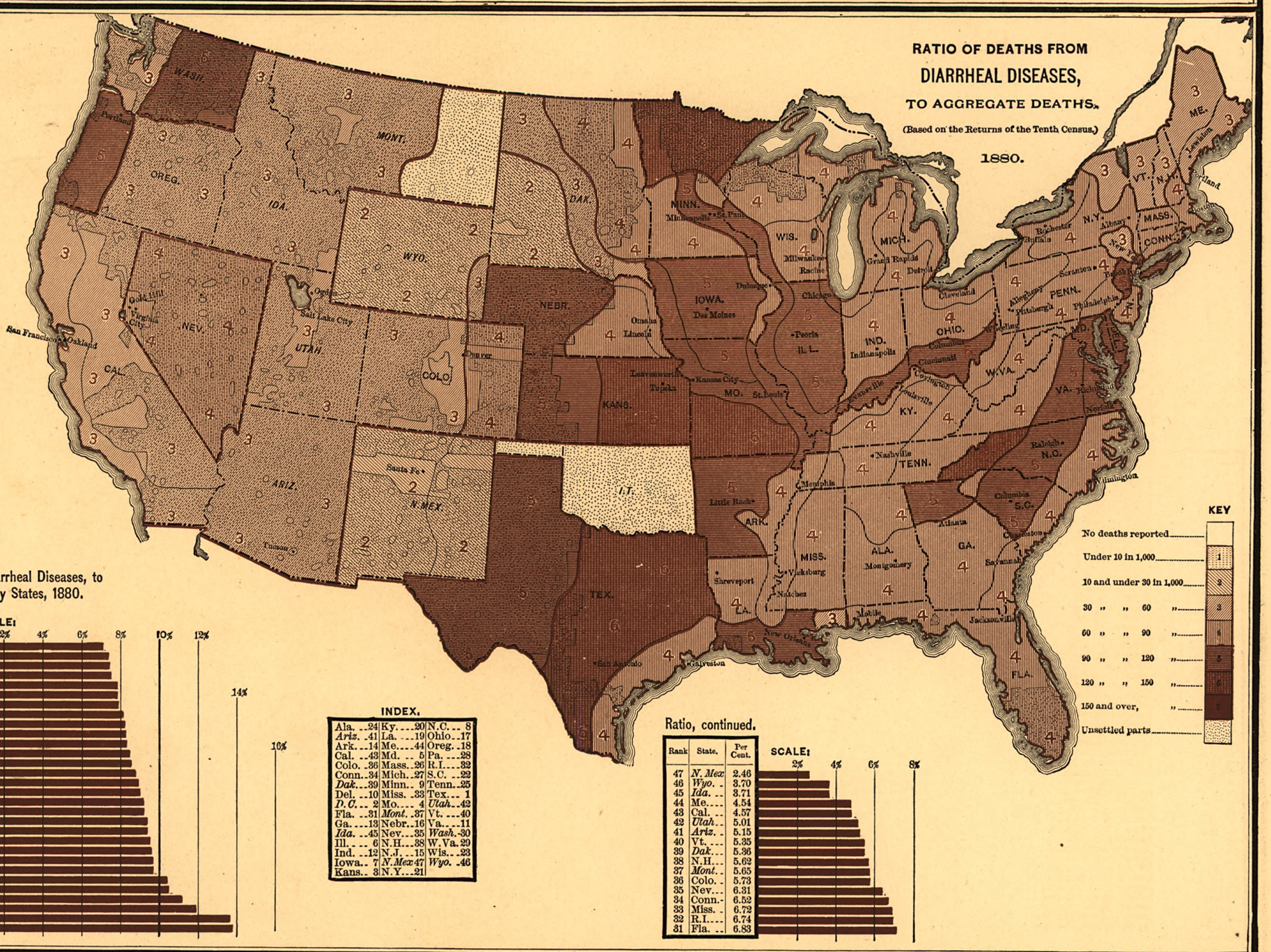
Rank	State.	Per Cent.
47	*N. Mex*	2.95
46	*Wyo.*	5.82
45	*Ariz.*	6.52
44	Colo.	7.14
43	Nebr.	7.45
42	Nev.	7.55
41	*Utah*	7.66
40	*Dak.*	8.05
39	*Wash.*	8.07
38	N.C.	8.31
37	*Mont.*	8.33
36	*Ida.*	8.35
35	Minn.	8.40
34	Kans.	8.61
33	Ga.	8.71
32	Tenn.	9.13
31	S.C.	9.21

SCALE: 2% 4% 6% 8% 10%

RATIO OF DEATHS FROM DIARRHEAL DISEASES, TO AGGREGATE DEATHS.

(Based on the Returns of the Tenth Census.)

1880.



KEY

No deaths reported	
Under 10 in 1,000	1
10 and under 30 in 1,000	2
30 " " 60 "	3
60 " " 90 "	4
90 " " 120 "	5
120 " " 150 "	6
150 and over, "	7
Unsettled parts	

Ratio of Deaths from Diarrheal Diseases, to Aggregate Deaths, by States, 1880.

Rank	State.	Per Cent.
30	*Wash.*	7.01
29	W.Va.	7.27
28	Pa.	7.30
27	Mich.	7.41
26	Mass.	7.83
25	Tenn.	7.84
24	Ala.	7.90
23	Wis.	8.08
22	S.C.	8.13
21	N.Y.	8.15
20	Ky.	8.23
19	La.	8.45
18	Oreg.	8.53
17	Ohio	8.71
16	Nebr.	8.80
15	N.J.	8.92
14	Ark.	9.05
13	Ga.	9.06
12	Ind.	9.23
11	Va.	9.24
10	Del.	9.44
9	Minn.	9.48
8	N.C.	9.57
7	Iowa	9.59
6	Ill.	10.28
5	Md.	10.36
4	Mo.	11.01
3	Kans.	11.87
2	*D.C.*	13.59
1	Tex.	13.75

SCALE: 2% 4% 6% 8% 10% 12% 14% 16%

INDEX.

Ala.	24	Ky.	20
Ariz.	41	La.	19
Ark.	14	Me.	44
Cal.	43	Md.	5
Colo.	36	Mass.	26
Conn.	34	Mich.	27
Dak.	39	Minn.	9
Del.	10	Miss.	33
D.C.	2	Mo.	4
Fla.	31	*Mont.*	37
Ga.	13	Nebr.	16
Ida.	45	Nev.	35
Ill.	6	N.H.	38
Ind.	12	N.J.	15
Iowa.	7	*N.Mex*	47
Kans.	3	N.Y.	21
N.C.	8	Ohio	17
Oreg.	18	Pa.	28
R.I.	32	S.C.	22
Tenn.	25	Tex.	1
Utah	42	Vt.	40
Va.	11	*Wash.*	30
W.Va.	20	Wis.	23
Wyo.	46		

Ratio, continued.

Rank	State.	Per Cent.
47	*N. Mex*	2.46
46	*Wyo.*	3.70
45	*Ida.*	3.71
44	Me.	4.54
43	Cal.	4.57
42	*Utah*	5.01
41	*Ariz.*	5.15
40	Vt.	5.35
39	*Dak.*	5.36
38	N.H.	5.62
37	*Mont.*	5.65
36	Colo.	5.73
35	Nev.	6.31
34	Conn.	6.52
33	Miss.	6.72
32	R.I.	6.74
31	Fla.	6.83

SCALE: 2% 4% 6% 8%

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RATIO OF DEATHS FROM DIPHTHERIA, TO AGGREGATE DEATHS.

(Based on the Returns of the Tenth Census.)

1880.

Ratio of Deaths from Diphtheria, to Aggregate Deaths, by States, 1880,

Rank	State.	Per Cent.
47	*N. Mex*	.41
46	*D.C.*	.45
45	Fla.	.85
44	Tex.	.95
43	*Ariz.*	1.03
42	Ark.	1.05
41	La.	1.28
40	Ala.	1.43
39	Miss.	1.45
38	Ky.	1.66
37	Va.	2.30
36	Nev.	2.33
35	Conn.	2.35
34	Mo.	2.41
33	Ga.	2.75
32	N.J.	2.76
31	Tenn.	3.00
30	Cal.	3.20
29	Ind.	3.32
28	S.C.	3.50
27	Md.	3.68
26	Del.	3.70
25	N.Y.	4.63
24	N.C.	4.69
23	Mass.	4.85
22	R.I.	4.89
21	Ohio	4.93
20	Ill.	5.38
19	Vt.	5.89
18	N.H.	6.16
17	W. Va.	6.91
16	Kans.	7.24
15	*Mont.*	7.73
14	Pa.	8.58
13	Me.	9.39
12	*Wyo.*	9.52
11	Colo.	9.77
10	Oreg.	10.08
9	Mich.	10.14
8	Iowa	12.00
7	Wis.	12.07
6	*Wash.*	14.70
5	*Ida.*	17.02
4	Minn.	17.28
3	Nebr.	17.55
2	*Dak.*	23.08
1	*Utah*	31.02

SCALE: 2% 4% 6% 8% 10% 12% 14% 16% 18% 20% 30%

INDEX.

Ala. 40	Ky. 38	N.C. 24
Ariz. 43	La. 41	Ohio 21
Ark. 42	Me. 13	Oreg. 10
Cal. 30	Md. 27	Pa. 14
Colo. 11	Mass. 23	R.I. 22
Conn. 35	Mich. 9	S.C. 28
Dak. 2	Minn. 4	Tenn. 31
Del. 26	Miss. 39	Tex. 44
D.C. 46	Mo. 34	*Utah* 1
Fla. 45	*Mont.* 15	Vt. 19
Ga. 33	Nebr. 3	Va. 37
Ida. 5	Nev. 36	*Wash.* 6
Ill. 20	N.H. 18	W. Va. 17
Ind. 29	N.J. 32	Wis. 7
Iowa 8	*N. Mex* 47	*Wyo.* 12
Kans. 16	N.Y. 25	

KEY

- No deaths reported
- Under 10 in 1,000
- 10 and under 30 in 1,000
- 30 " " 60 "
- 60 " " 90 "
- 90 " " 120 "
- 120 " " 150 "
- 150 and over, "
- Unsettled parts

RATIO OF DEATHS FROM DISEASES OF THE DIGESTIVE SYSTEM, TO AGGREGATE DEATHS.

(Based on the Returns of the Tenth Census.)

1880.

Ratio of Deaths from Diseases of the Digestive System, to Aggregate Deaths, by States, 1880.

Rank	State.	Per Cent.
47	Vt.	2.80
46	*Utah*	2.94
45	*Wyo.*	3.17
44	R.I.	3.35
43	Ind.	3.52
42	Me.	3.59
41	Colo.	3.61
40	Nev.	3.70
39	Ala.	3.70
38	Del.	3.75
37	Pa.	3.81
36	Mass.	3.90
35	*Dak.*	3.91
34	Oreg.	3.91
33	Conn.	3.93
32	Ky.	4.03
31	Nebr.	4.04
30	*Wash.*	4.10
29	Mich.	4.19
28	Kans.	4.24
27	W. Va.	4.31
26	N.H.	4.31
25	Md.	4.39
24	Iowa	4.41
23	N.J.	4.44
22	*Mont.*	4.46
21	Mo.	4.46
20	N.Y.	4.48
19	Ohio	4.63
18	Ark.	4.64
17	Ill.	4.66
16	Wis.	4.72
15	N.C.	4.76
14	Tenn.	4.77
13	Cal.	4.91
12	Minn.	5.00
11	Miss.	5.11
10	*D.C.*	5.22
9	*Ida.*	5.26
8	Va.	5.26
7	Tex.	5.28
6	*N. Mex*	5.37
5	*Ariz.*	5.49
4	Fla.	5.69
3	La.	5.97
2	Ga.	6.15
1	S.C.	6.27

SCALE: 2% 4% 6% 8% 10% 12% 14% 16%

INDEX.

Ala. 39	Ky. 32	N.C. 15
Ariz. 5	La. 3	Ohio 19
Ark. 18	Me. 42	Oreg. 34
Cal. 13	Md. 25	Pa. 37
Colo. 41	Mass. 36	R.I. 44
Conn. 33	Mich. 29	S.C. 1
Dak. 35	Minn. 12	Tenn. 14
Del. 38	Miss. 11	Tex. 7
D.C. 10	Mo. 21	*Utah* 46
Fla. 4	*Mont.* 22	Vt. 47
Ga. 2	Nebr. 31	Va. 8
Ida. 9	Nev. 40	*Wash.* 30
Ill. 17	N.H. 26	W. Va. 27
Ind. 43	N.J. 23	Wis. 16
Iowa 24	*N. Mex* 6	*Wyo.* 45
Kans. 28	N.Y. 20	

KEY

- No deaths reported
- Under 10 in 1,000
- 10 and under 30 in 1,000
- 30 " " 60 "
- 60 " " 90 "
- 90 " " 120 "
- 120 " " 150 "
- 150 and over, "
- Unsettled parts

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MORTALITY

RATIO OF DEATHS FROM ENTERIC (TYPHOID) FEVER, TO AGGREGATE DEATHS.

(Based on the Returns of the Tenth Census.)

1880.

Ratio of Deaths from Enteric (Typhoid) Fever, to Aggregate Deaths, by States, 1880.

Rank	State.	Per Cent.
47	N.Y.	1.42
46	N.J.	1.51
45	*Wyo.*	1.58
44	R.I.	1.78
43	Mass.	1.87
42	*D.C.*	1.95
41	*Wash.*	1.98
40	Me.	2.02
39	*N. Mex*	2.05
38	La.	2.08
37	N.H.	2.09
36	Conn.	2.13
35	Miss.	2.27
34	*Utah*	2.27
33	Nev.	2.33
32	Vt.	2.34
31	*Mont.*	2.35
30	Wis.	2.46
29	Cal.	2.58
28	Pa.	2.59
27	*Dak.*	2.60
26	Va.	2.75
25	Mich.	2.77
24	Md.	2.80
23	Ark.	2.95
22	Colo.	3.06
21	W. Va.	3.12
20	Fla.	3.19
19	Ohio	3.22
18	Del.	3.43
17	Ky.	3.44
16	Minn.	3.51
15	Nebr.	3.54
14	Ill.	3.67
13	Tenn.	3.67
12	*Ida.*	3.71
11	S.C.	3.71
10	Iowa	3.73
9	*Ariz.*	3.78
8	Mo.	3.96
7	Ala.	4.36
6	Kans.	4.37
5	Tex.	4.39
4	N.C.	4.48
3	Ga.	4.60
2	Ind.	4.67
1	Oreg.	5.52

SCALE: 2% 4% 6% 8% 10%

INDEX.

Ala.	7	Mo.	8
Ariz.	9	*Mont.*	31
Ark.	23	Nebr.	15
Cal.	29	Nev.	33
Colo.	22	N.H.	37
Conn.	36	N.J.	46
Dak.	27	*N.Mex*	39
Del.	18	N.Y.	47
D.C.	42	N.C.	4
Fla.	20	Ohio	19
Ga.	3	Oreg.	1
Ida.	12	Pa.	28
Ill.	14	R.I.	44
Ind.	2	S.C.	11
Iowa	10	Tenn.	13
Kans.	6	Tex.	5
Ky.	17	*Utah*	34
La.	38	Vt.	32
Me.	40	Va.	26
Md.	24	*Wash.*	41
Mass.	43	W.Va.	21
Mich.	25	Wis.	30
Minn.	16	*Wyo.*	45
Miss.	35		

KEY

- No deaths reported
- Under 10 in 1,000 — 1
- 10 and under 30 in 1,000 — 2
- 30 " " 60 " — 3
- 60 " " 90 " — 4
- 90 " " 120 " — 5
- 120 " " 150 " — 6
- 150 and over, " — 7
- Unsettled parts

RATIO OF DEATHS FROM SCARLET FEVER, TO AGGREGATE DEATHS.

(Based on the Returns of the Tenth Census.)

1880.

Ratio of Deaths from Scarlet Fever to Aggregate Deaths, by States, 1880.

Rank	State.	Per Cent.
47	Miss.	.04
46	S.C.	.11
45	Ala.	.13
44	Ga.	.14
43	Fla.	.15
42	La.	.15
41	Tenn.	.30
40	Tex.	.36
39	N.C.	.52
38	Cal.	.61
37	Mo.	.80
36	*Ida.*	.92
35	*D.C.*	1.00
34	*Ariz.*	1.03
33	*Utah*	1.03
32	Va.	1.08
31	*Dak.*	1.22
30	Conn.	1.23
29	Vt.	1.29
28	Del.	1.58
27	Ky.	1.59
26	Colo.	1.80
25	*Wash.*	1.98
24	Ark.	1.99
23	Minn.	2.21
22	N.Y.	2.24
21	Mass.	2.43
20	N.H.	2.47
19	Nev.	2.47
18	Oreg.	2.52
17	Mich.	2.67
16	Wis.	2.93
15	Me.	3.00
14	Ill.	3.04
13	W.Va.	3.06
12	N.J.	3.06
11	Iowa	3.09
10	Ohio	3.13
9	Kans.	3.37
8	Md.	3.44
7	Pa.	3.50
6	Ind.	4.22
5	*N. Mex*	4.88
4	Nebr.	6.59
3	*Mont.*	7.44
2	R.I.	11.48
1	*Wyo.*	19.57

SCALE: 2% 4% 6% 8% 10% 12% 14% 16% 18% 20%

INDEX.

Ala.	45	Mo.	37
Ariz.	34	*Mont.*	3
Ark.	24	Nebr.	4
Cal.	38	Nev.	19
Colo.	26	N.H.	20
Conn.	30	N.J.	12
Dak.	31	*N.Mex*	5
Del.	28	N.Y.	22
D.C.	35	N.C.	39
Fla.	43	Ohio	10
Ga.	44	Oreg.	18
Ida.	36	Pa.	7
Ill.	14	R.I.	2
Ind.	6	S.C.	46
Iowa	11	Tenn.	41
Kans.	9	Tex.	40
Ky.	27	*Utah*	33
La.	42	Vt.	29
Me.	15	Va.	32
Md.	8	*Wash.*	25
Mass.	21	W.Va.	13
Mich.	17	Wis.	16
Minn.	23	*Wyo.*	1
Miss.	47		

KEY

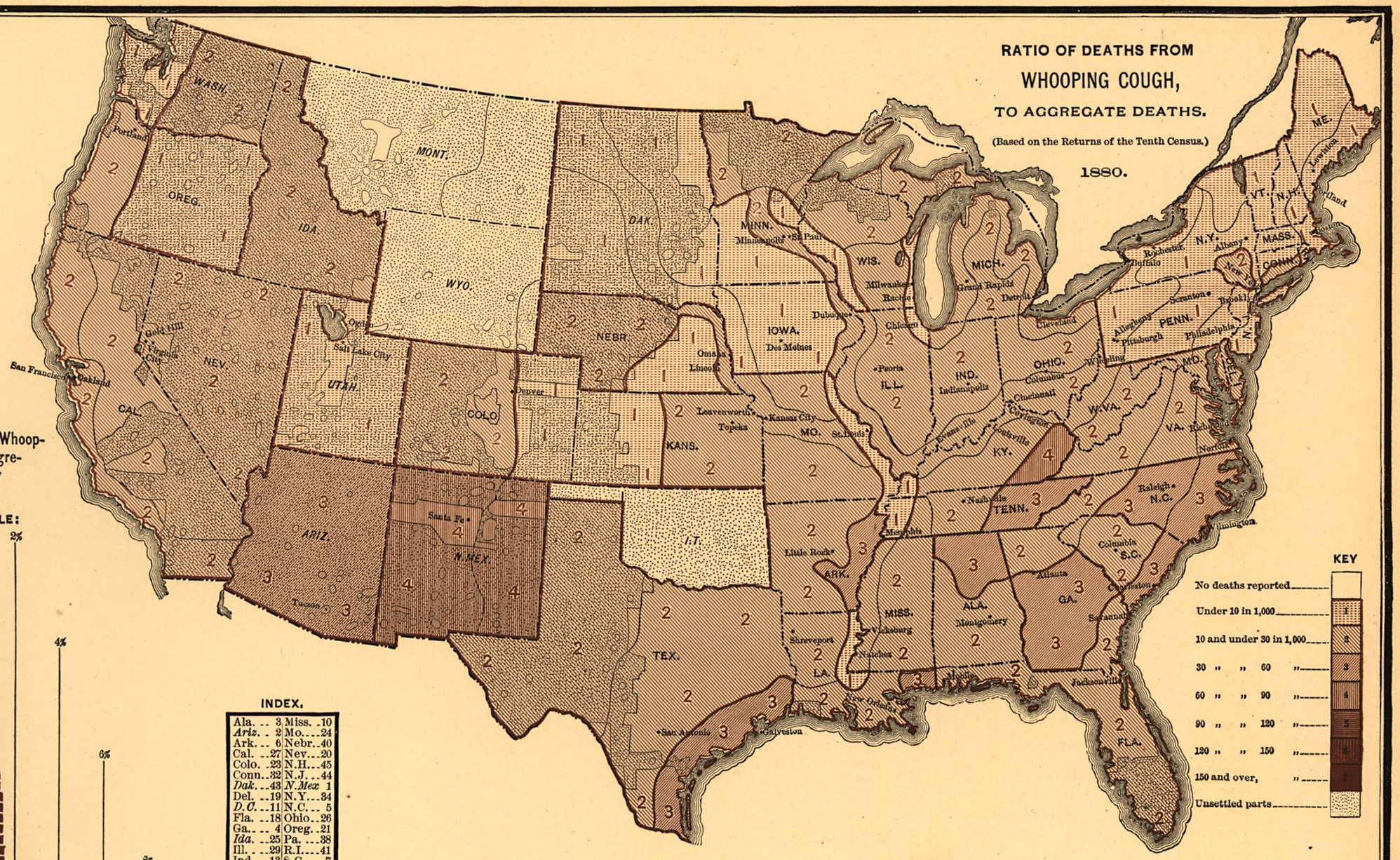
- No deaths reported
- Under 10 in 1,000 — 1
- 10 and under 30 in 1,000 — 2
- 30 " " 60 " — 3
- 60 " " 90 " — 4
- 90 " " 120 " — 5
- 120 " " 150 " — 6
- 150 and over, " — 7
- Unsettled parts

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RATIO OF DEATHS FROM WHOOPING COUGH, TO AGGREGATE DEATHS.

(Based on the Returns of the Tenth Census.)

1880.



KEY

No deaths reported	
Under 10 in 1,000	1
10 and under 30 in 1,000	2
30 " " 60 "	3
60 " " 90 "	4
90 " " 120 "	5
120 " " 150 "	6
150 and over, "	7
Unsettled parts	

Ratio of Deaths from Whooping Cough, to Aggregate Deaths, by States, 1880.

Rank	State.	Per Cent.
45	N.H.	.26
44	N.J.	.53
43	*Dak.*	.53
42	Me.	.58
41	R.I.	.59
40	Nebr.	.69
39	*Utah*	.70
38	Pa.	.73
37	Iowa	.74
36	Vt.	.81
35	Wis.	.83
34	N.Y.	.84
33	Mass.	.87
32	Conn.	.88
31	Minn.	.92
30	*Wash.*	1.05
29	Ill.	1.11
28	La.	1.12
27	Cal.	1.17
26	Ohio	1.17
25	*Ida.*	1.23
24	Mo.	1.32
23	Colo.	1.33
22	Kans.	1.46
21	Oreg.	1.50
20	Nev.	1.51
19	Del.	1.53
18	Fla.	1.58
17	W. Va.	1.68
16	Va.	1.69
15	Md.	1.71
14	Mich.	1.72
13	Ind.	1.79
12	Tenn.	1.84
11	*D.C.*	2.09
10	Miss.	2.26
9	Ky.	2.32
8	Tex.	2.42
7	S.C.	2.91
6	Ark.	3.01
5	N.C.	3.03
4	Ga.	3.03
3	Ala.	3.24
2	*Ariz.*	3.43
1	*N. Mex*	7.30

SCALE: 2% 4% 6% 8% 10%

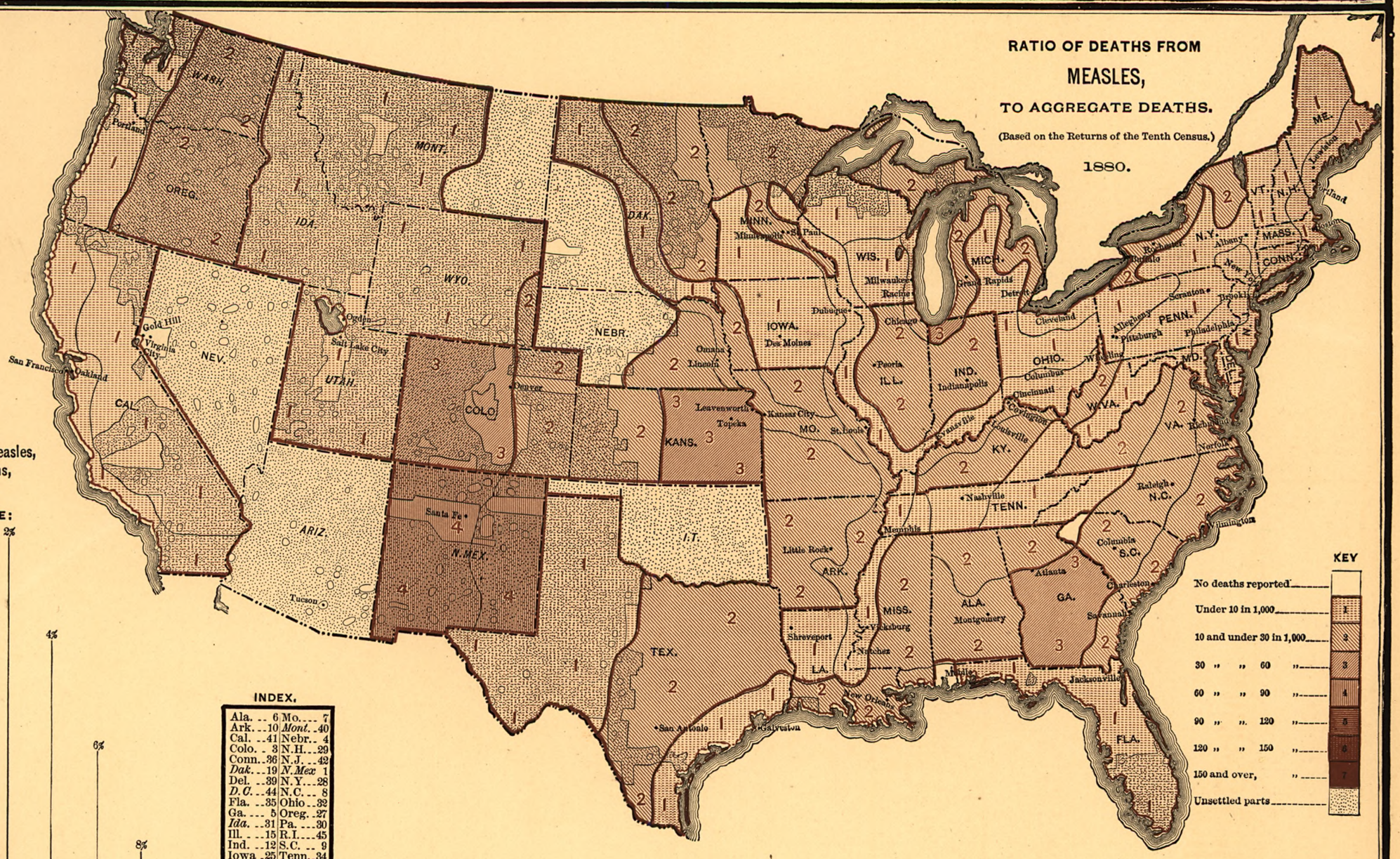
INDEX.

Ala.	3	Miss.	10
Ariz.	2	Mo.	24
Ark.	6	Nebr.	40
Cal.	27	Nev.	20
Colo.	23	N.H.	45
Conn.	32	N.J.	44
Dak.	43	*N.Mex*	1
Del.	19	N.Y.	34
D.C.	11	N.C.	5
Fla.	18	Ohio	26
Ga.	4	Oreg.	21
Ida.	25	Pa.	38
Ill.	29	R.I.	41
Ind.	13	S.C.	7
Iowa	37	Tenn.	12
Kans.	22	Tex.	8
Ky.	9	*Utah*	39
La.	28	Vt.	36
Me.	42	Va.	16
Md.	15	*Wash.*	30
Mass.	33	W. Va.	17
Mich.	14	Wis.	35
Minn.	31		

RATIO OF DEATHS FROM MEASLES, TO AGGREGATE DEATHS.

(Based on the Returns of the Tenth Census.)

1880.



KEY

No deaths reported	
Under 10 in 1,000	1
10 and under 30 in 1,000	2
30 " " 60 "	3
60 " " 90 "	4
90 " " 120 "	5
120 " " 150 "	6
150 and over, "	7
Unsettled parts	

Ratio of Deaths from Measles, to Aggregate Deaths, by States, 1880.

Rank	State.	Per Cent.
45	R.I.	.02
44	*D.C.*	.14
43	Mass.	.25
42	N.J.	.28
41	Cal.	.28
40	*Mont.*	.29
39	Del.	.31
38	Me.	.37
37	Md.	.45
36	Conn.	.50
35	Fla.	.50
34	Tenn.	.56
33	Wis.	.56
32	Ohio	.61
31	*Ida.*	.61
30	Pa.	.62
29	N.H.	.66
28	N.Y.	.74
27	Oreg.	.85
26	La.	.88
25	Iowa	.91
24	Vt.	.97
23	*Utah*	.99
22	Miss.	1.00
21	Minn.	1.02
20	*Wyo.*	1.05
19	*Dak.*	1.07
18	Ky.	1.15
17	Mich.	1.29
16	Tex.	1.31
15	Ill.	1.42
14	*Wash.*	1.45
13	W. Va.	1.50
12	Ind.	1.67
11	Va.	1.70
10	Ark.	1.87
9	S.C.	1.92
8	N.C.	1.97
7	Mo.	2.10
6	Ala.	2.24
5	Ga.	2.44
4	Nebr.	2.56
3	Colo.	2.74
2	Kans.	3.43
1	*N.Mex*	6.32

SCALE: 2% 4% 6% 8% 10%

INDEX.

Ala.	6	Mo.	7
Ark.	10	*Mont.*	40
Cal.	41	Nebr.	4
Colo.	3	N.H.	29
Conn.	36	N.J.	42
Dak.	19	*N.Mex*	1
Del.	39	N.Y.	28
D.C.	44	N.C.	8
Fla.	35	Ohio	32
Ga.	5	Oreg.	27
Ida.	31	Pa.	30
Ill.	15	R.I.	45
Ind.	12	S.C.	9
Iowa	25	Tenn.	34
Kans.	2	Tex.	16
Ky.	18	*Utah*	23
La.	26	Vt.	24
Me.	38	Va.	11
Md.	37	*Wash.*	14
Mass.	43	W. Va.	13
Mich.	17	Wis.	33
Minn.	21	*Wyo.*	20
Miss.	22		

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EXPECTATION OF LIFE—DEATH RATE.

Expectation of Life Among Native White Males.

Age	Expectation of Life	Age at Death
Birth	41.01	41.01
1	47.83	48.83
2	50.08	52.08
3	50.93	53.93
4	51.14	55.14
5	51.05	56.05
6	50.74	56.74
7	50.29	57.29
8	49.75	57.75
9	49.13	58.13
10	48.44	58.44
11	47.68	58.68
12	46.90	58.90
13	46.10	59.10
14	45.28	59.28
15	44.48	59.48
16	43.69	59.69
17	42.92	59.92
18	42.20	60.20
19	41.52	60.52
20	40.87	60.87
22	39.63	61.63
24	38.37	62.37
26	37.09	63.09
28	35.81	63.81
30	34.51	64.51
32	33.20	65.20
34	31.88	65.88
36	30.55	66.55
38	29.22	67.22
40	27.88	67.88
42	26.54	68.54
44	25.20	69.20
46	23.86	69.86
48	22.53	70.53
50	21.22	71.22
52	19.92	71.92
54	18.63	72.63
56	17.37	73.37
58	16.13	74.13
60	14.93	74.93
62	13.76	75.76
64	12.63	76.63
66	11.54	77.54
68	10.50	78.50
70	9.51	79.51
72	8.58	80.58
74	7.70	81.70
76	6.88	82.88
78	6.11	84.11
80	5.41	85.41
82	4.77	86.77
84	4.18	88.18
86	3.65	89.65
88	3.18	91.18
90	2.76	92.76
92	2.38	94.38
94	2.06	96.06
96	1.78	97.78
98	1.54	99.54
100	1.35	101.35

SCALE: 5 Years. 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100

Explanatory.—This exhibit is based upon the results of investigations by Levi W. Meech, Actuary, following the census of 1860. They were first published in the Thirteenth Massachussetts Life Insurance Report, and have been carefully verified from the returns of the Census of 1880.

Mr. Meech has kindly consented to their use in this work.

Death Rate Among Native White Males.

Age	Number Living	Deaths in Ensuing Year	Ratio of Deaths. Per Cent.
Birth	100,000	16,195	16.20
1	83,805	5,374	6.41
2	78,431	2,812	3.59
3	75,619	1,779	2.35
4	73,840	1,308	1.77
5	72,532	980	1.35
6	71,552	773	1.08
7	70,779	648	.92
8	70,131	536	.76
9	69,595	435	.63
10	69,160	352	.51
11	68,808	314	.45
12	68,494	291	.42
13	68,203	282	.41
14	67,921	290	.43
15	67,631	321	.47
16	67,310	365	.54
17	66,945	428	.64
18	66,517	507	.76
19	66,010	574	.87
20	65,436	599	.92
22	64,228	607	.95
24	63,017	603	.96
26	61,813	600	.97
28	60,614	599	.99
30	59,417	599	1.01
32	58,218	601	1.03
34	57,014	605	1.06
36	55,800	612	1.10
38	54,571	622	1.14
40	53,321	634	1.19
42	52,044	651	1.25
44	50,732	672	1.32
46	49,375	697	1.41
48	47,966	728	1.52
50	46,492	764	1.64
52	44,943	807	1.80
54	43,305	856	1.98
56	41,566	913	2.20
58	39,711	975	2.46
60	37,727	1,044	2.77
62	35,603	1,117	3.14
64	33,329	1,194	3.58
66	30,901	1,273	4.12
68	28,319	1,346	4.75
70	25,593	1,410	5.51
72	22,747	1 459	6.41
74	19,815	1,483	7.48
76	16,850	1,474	8.75
78	13,920	1,427	10.25
80	11,107	1,335	12.02
82	8.500	1,198	14.09
84	6,188	1,022	16.52
86	4,242	821	19.35
88	2,706	612	22.62
90	1,582	417	26.36
92	834	255	30.58
94	388	137	35.31
96	155	63	40.65
98	52	24	46.15
100	14	7	50.00

SCALE: 5,000 (Living. / Deaths.) 10,000 15,000 20,000 25,000 30,000 35,000 40,000 45,000 50,000 55,000 60,000 65,000 70,000 75,000 80,000 85,000 90,000 95,000 100,000
5% Death Rate. 10% 15% 20% 25% 30% 35% 40% 45% 50%

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LIFE INSURANCE EXPERIENCE—MALES.

AUTHORITY.

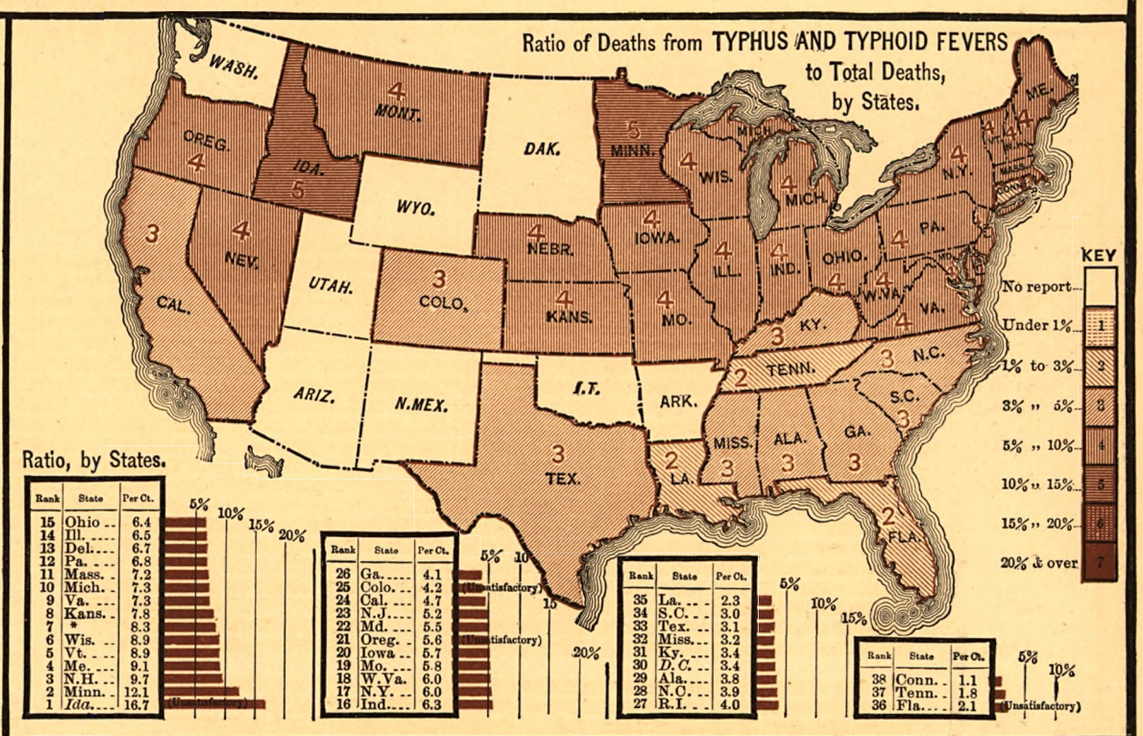
THE exhibits in this and the two succeeding plates are based, by permission, upon the experience of the thirty American Companies named in the appended list, as given in the "System and Tables of Life Insurance," 1881, Levi W. Meech, Actuary in Charge.

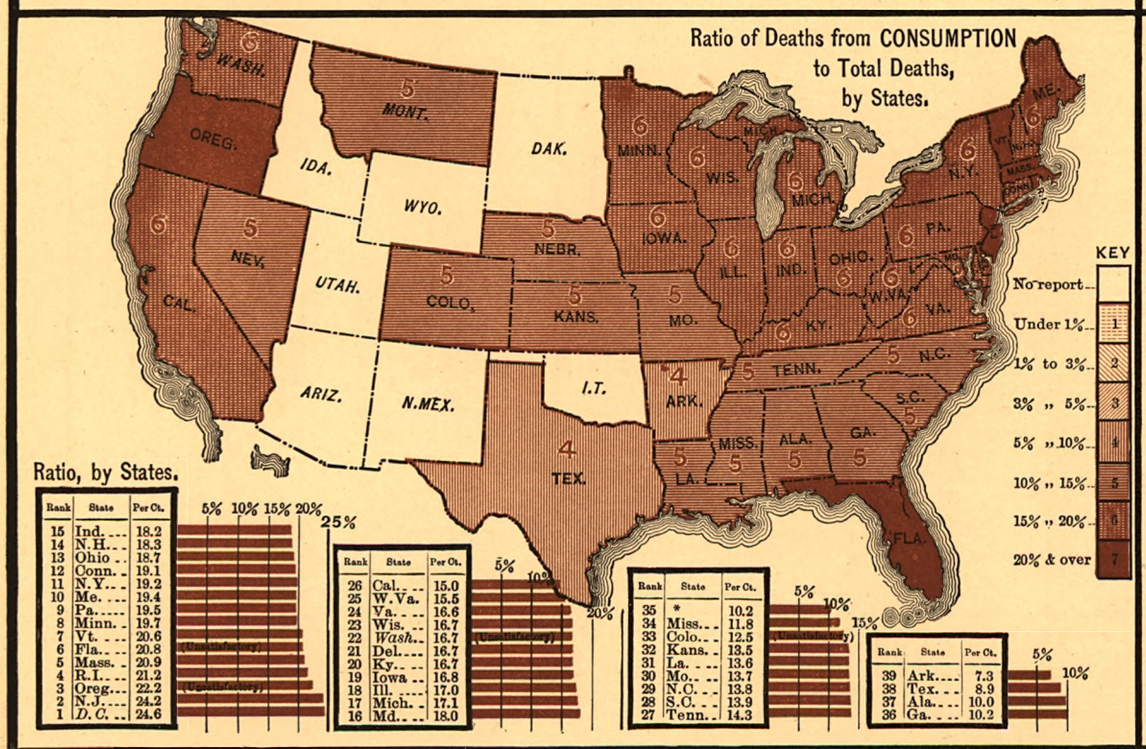
The available data for all sparsely settled sections, and for the Southern States, is comparatively meagre, because of the limited number of policies written therein. The more unsatisfactory ratios are so noted in the charts.

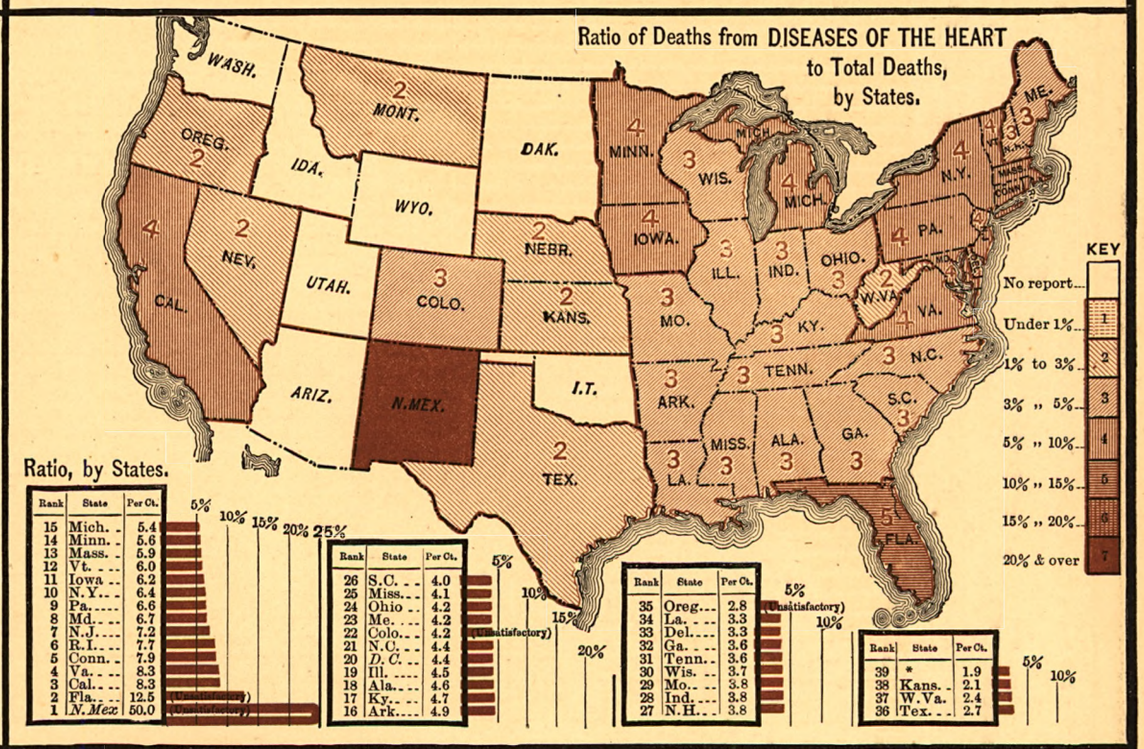
A star (*) is used in the tables of this plate to represent Montana, Nebraska, and Nevada, as their data was grouped, giving them a common average.

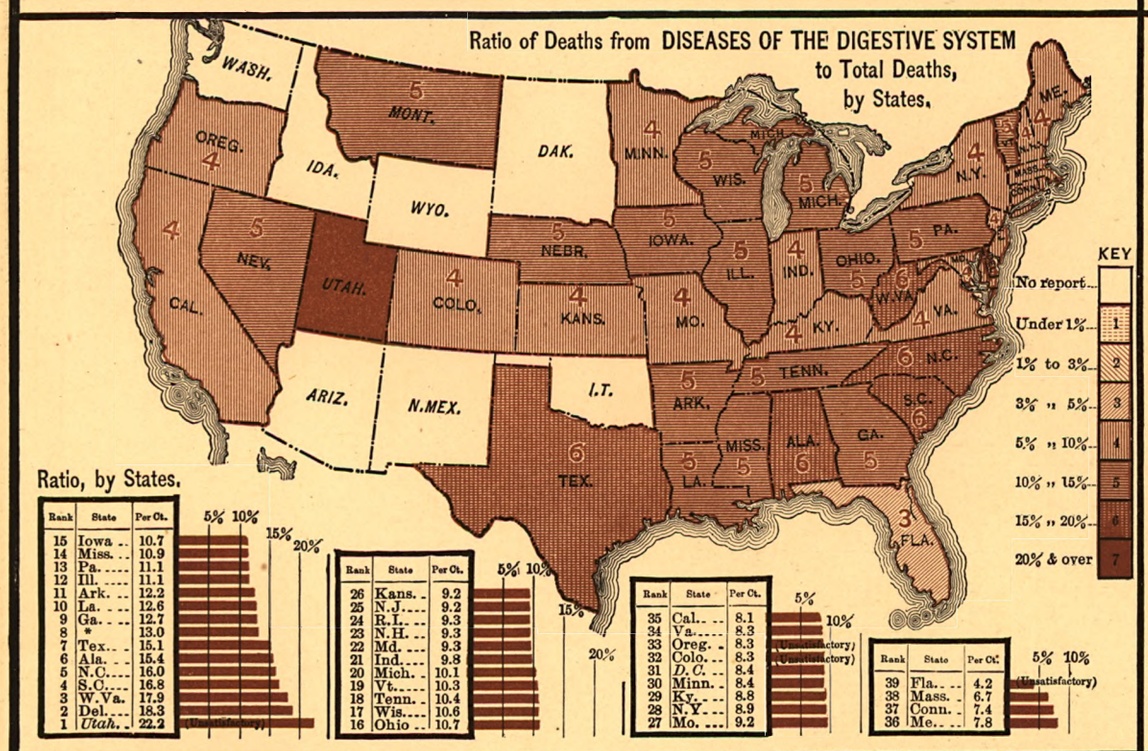
LIST OF THIRTY AMERICAN COMPANIES.

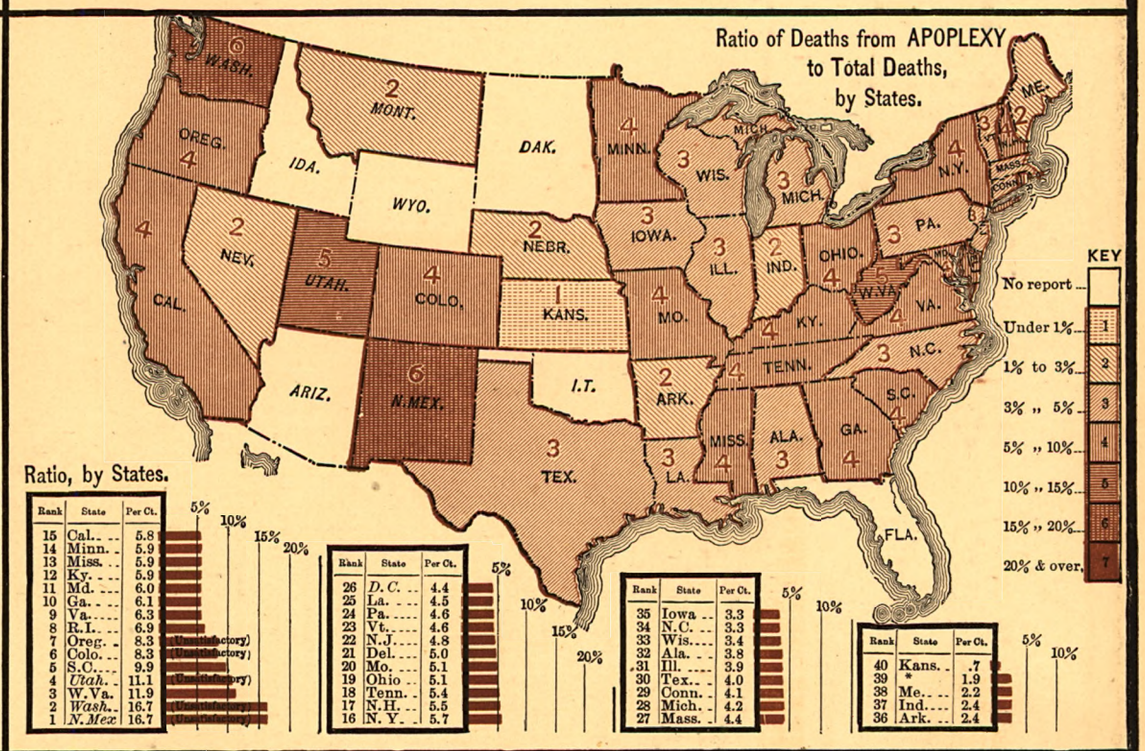
Company.	Organized.	Company.	Organized.
ÆTNA LIFE, of Connecticut	1850	MASSACHUSETTS MUTUAL, of Massachusetts	1851
AMERICAN MUTUAL, of Connecticut	1848	METROPOLITAN, of New York	1867
BROOKLYN, of New York	1864	MUTUAL LIFE, of New York	1843
CHARTER OAK, of Connecticut	1850	MUTUAL BENEFIT, of New Jersey	1845
CONNECTICUT GENERAL, of Connecticut	1865	NATIONAL OF UNITED STATES, of Illinois	1868
CONNECTICUT MUTUAL, of Connecticut	1846	NEW ENGLAND MUTUAL, of Massachusetts	1844
CONTINENTAL, of New York	1866	NORTHWESTERN, of Wisconsin	1858
COVENANT, of Missouri	1853	PENN MUTUAL, of Pennsylvania	1847
EQUITABLE, of Iowa	1867	ST. LOUIS MUTUAL, of Missouri	1858
EQUITABLE, of New York	1859	TRAVELERS, of Connecticut	1866
GERMANIA, of New York	1860	UNION CENTRAL, of Ohio	1867
GLOBE, of New York	1864	UNION MUTUAL, of Maine	1849
JOHN HANCOCK, of Massachusetts	1862	UNITED STATES, of New York	1850
LIFE ASSOCIATION, of Missouri	1868	WASHINGTON, of New York	1860
MASSACHUSETTS HOSPITAL, of Massachusetts	1823	WESTERN, of New York	1868

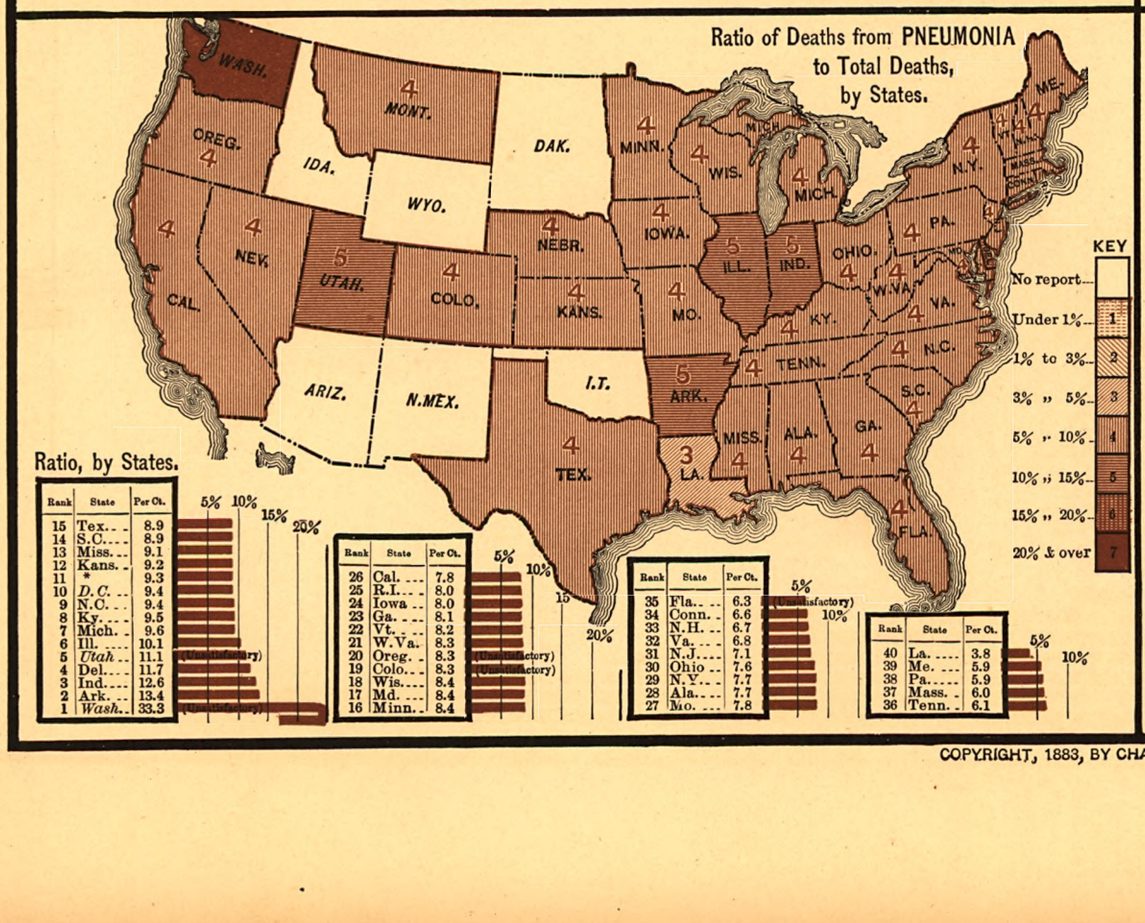


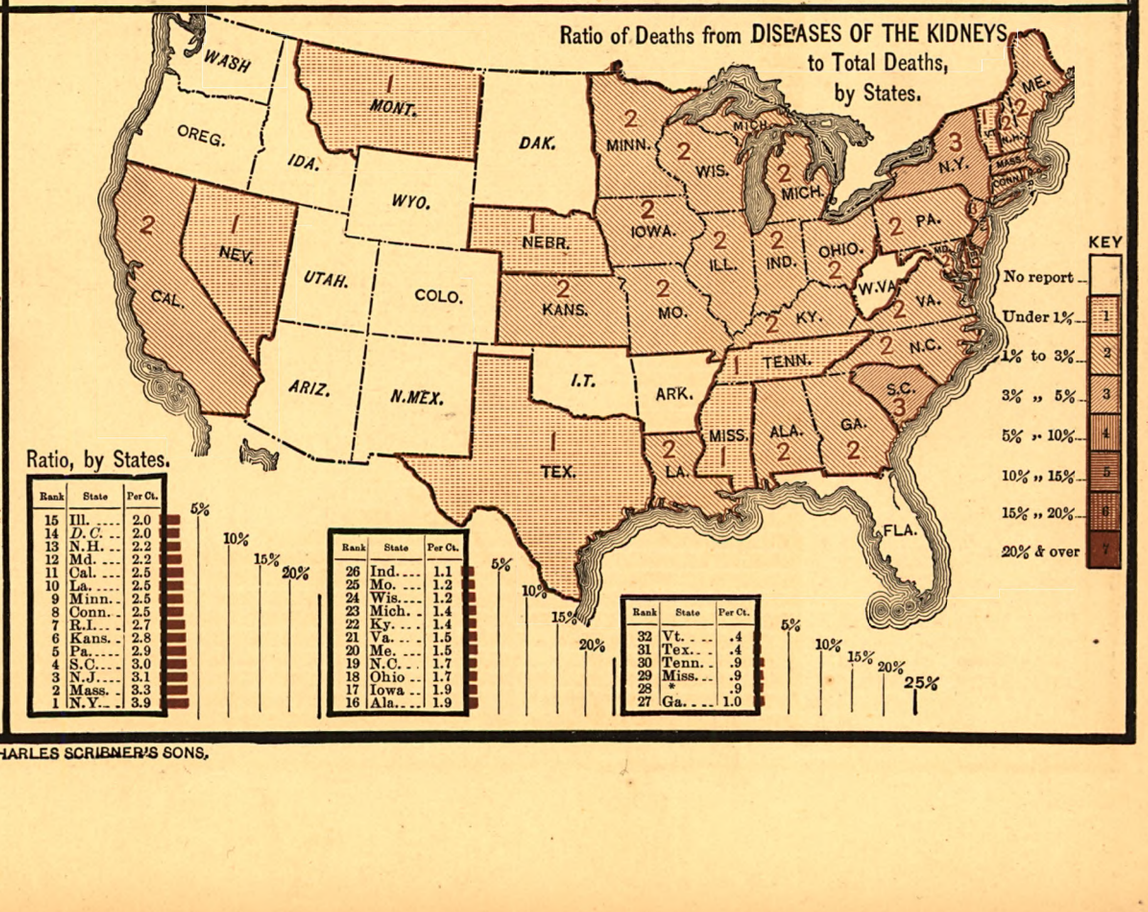










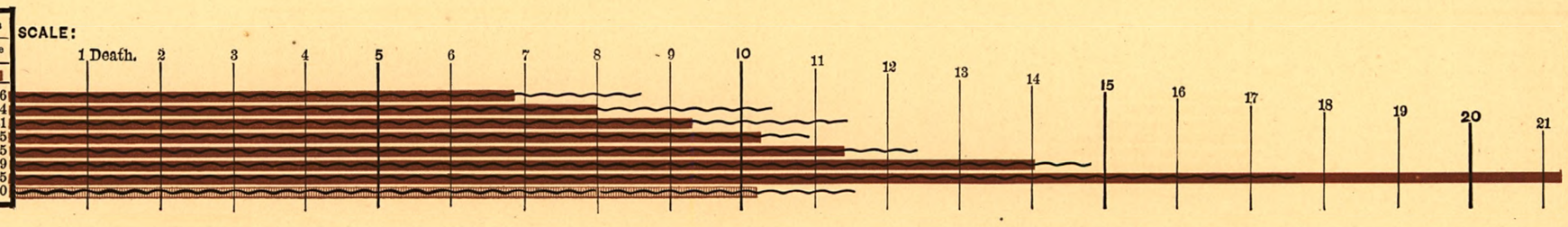


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LIFE INSURANCE EXPERIENCE.—*Continued.*

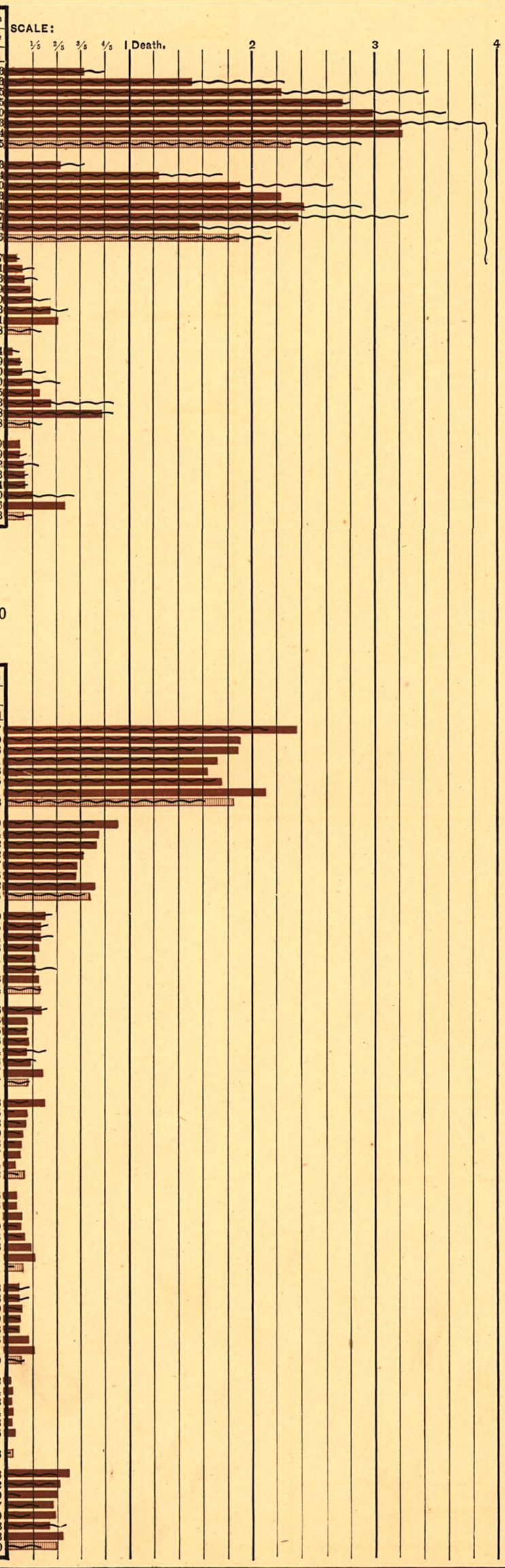
Average Number of Deaths, per Year, Among 1,000 Insured Persons, from all Causes.

Years of Insurance	No. of Deaths Female	Male
During the 1st year (average of 6 months)	8.59	6.86
During the 2d year	10.39	8.04
During the 3d year	11.41	9.31
Average of the 4th and 5th years	10.92	10.25
Average during the 5th to the 10th years	12.38	11.45
Average during the 10th to the 20th years	14.83	14.09
Average during the 20th to the 30th years	17.58	21.35
Average during the whole experience	11.49	10.20



Average Deaths, per Year, Among 1,000 Insured Persons, from Constitutional Diseases.

Disease	Years of Insurance	No. of Deaths Female	Male
Total	1 (av. 6 mo.)	.80	.63
	2	2.24	1.53
	3	3.42	2.25
	4 and 5 (av.)	2.80	2.75
	5 to 10 "	3.58	3.00
	10 to 20 "	5.17	3.23
	20 to 30 "	3.16	3.24
	Av. for all	2.88	2.35
Consumption	1 (av. 6 mo.)	.62	.43
	2	1.77	1.24
	3	2.64	1.90
	4 and 5 (av.)	2.01	2.23
	5 to 10 "	2.88	2.41
	10 to 20 "	3.26	2.37
	20 to 30 "	2.30	1.59
	Av. for all	2.15	1.86
Dropsy	1 (av. 6 mo.)	.09	.07
	2	.21	.11
	3	.24	.13
	4 and 5 (av.)	.19	.19
	5 to 10 "	.34	.20
	10 to 20 "	.48	.33
	20 to 30 "	------	.41
	Av. for all	.26	.18
Cancer	1 (av. 6 mo.)	.09	.04
	2	.10	.09
	3	.30	.10
	4 and 5 (av.)	.43	.20
	5 to 10 "	.19	.25
	10 to 20 "	.87	.33
	20 to 30 "	.86	.78
	Av. for all	.27	.18
Other Constitutional	1 (av. 6 mo.)	------	.09
	2	.16	.09
	3	.24	.12
	4 and 5 (av.)	.17	.13
	5 to 10 "	.17	.14
	10 to 20 "	.56	.20
	20 to 30 "	------	.46
	Av. for all	.20	.13

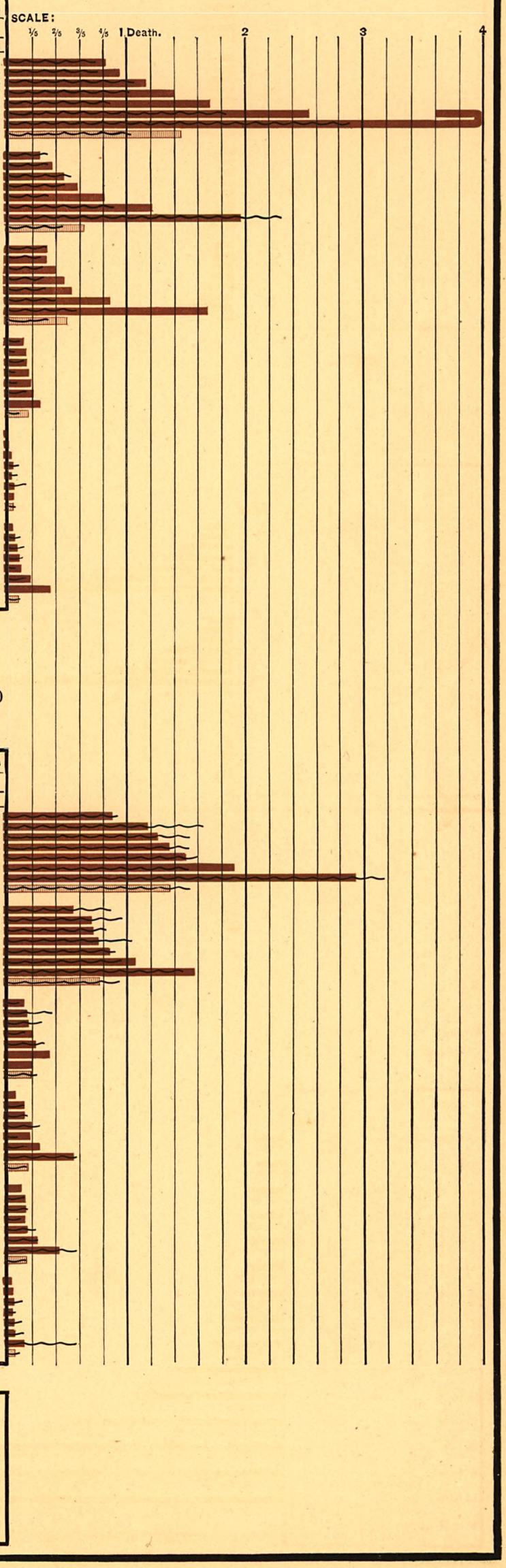


Average Deaths, per Year, Among 1,000 Insured Persons, from Zymotic Diseases.

Disease	Years of Insurance	No. of Deaths Female	Male
Total ("Zymotic diseases are those produced by a morbid animal poison.")	1 (av. 6 mo.)	2.12	2.37
	2	1.56	1.90
	3	1.53	1.88
	4 and 5 (av.)	1.43	1.71
	5 to 10 "	1.38	1.63
	10 to 20 "	1.68	1.75
	20 to 30 "	.57	2.11
	Av. for all	1.61	1.83
Typhoid and Typhus Fevers	1 (av. 6 mo.)	.70	.89
	2	.63	.74
	3	.70	.72
	4 and 5 (av.)	.62	.62
	5 to 10 "	.53	.57
	10 to 20 "	.56	.56
	20 to 30 "	.57	.72
	Av. for all	.63	.66
Malarial Fever	1 (av. 6 mo.)	.35	.30
	2	.31	.25
	3	.37	.24
	4 and 5 (av.)	.16	.23
	5 to 10 "	.15	.21
	10 to 20 "	.40	.21
	20 to 30 "	------	.23
	Av. for all	.26	.24
Dysentery	1 (av. 6 mo.)	.31	.26
	2	------	.16
	3	.16	.15
	4 and 5 (av.)	.14	.16
	5 to 10 "	.29	.14
	10 to 10 "	.24	.18
	20 to 30 "	------	.27
	Av. for all	.19	.17
Cholera	1 (av. 6 mo.)	.18	.28
	2	.05	.15
	3	.10	.13
	4 and 5 (av.)	.09	.10
	5 to 10 "	.05	.08
	10 to 20 "	------	.07
	20 to 30 "	------	.04
	Av. for all	.08	.12
Erysipelas	1 (av. 6 mo.)	------	.06
	2	------	.06
	3	------	.11
	4 and 5 (av.)	.07	.10
	5 to 10 "	.10	.13
	10 to 20 "	------	.18
	20 to 30 "	------	.21
	Av. for all	.05	.11
Diarrhœa	1 (av. 6 mo.)	.18	.08
	2	.18	.08
	3	.10	.10
	4 and 5 (av.)	.09	.09
	5 to 10 "	.07	.08
	10 to 20 "	------	.16
	20 to 30 "	------	.21
	Av. for all	.12	.10
Alcoholism	1 (av. 6 mo.)	------	.02
	2	------	.04
	3	------	.03
	4 and 5 (av.)	------	.04
	5 to 10 "	------	.03
	10 to 20 "	------	.06
	20 to 30 "	------	------
	Av. for all	.01	.08
Other Zymotic	1 (av. 6 mo.)	.40	.48
	2	.39	.42
	3	.10	.40
	4 and 5 (av.)	.26	.37
	5 to 10 "	.19	.39
	10 to 20 "	.48	.33
	20 to 30 "	------	.43
	Av. for all	.27	.40

Average Deaths, per Year, Among 1,000 Insured Persons, from Diseases of the Nervous System.

Disease	Years of Insurance	No. of Deaths Female	Male
Total	1 (av. 6 mo.)	.73	.83
	2	.75	.96
	3	1.05	1.18
	4 and 5 (av.)	1.01	1.41
	5 to 10 "	.84	1.72
	10 to 20 "	1.83	2.56
	20 to 30 "	2.88	4.38
	Av. for all	1.02	1.47
Paralysis and Softening of the Brain	1 (av. 6 mo.)	.33	.28
	2	.34	.39
	3	.51	.47
	4 and 5 (av.)	.45	.59
	5 to 10 "	.34	.82
	10 to 20 "	.87	1.22
	20 to 30 "	2.30	1.99
	Av. for all	.45	.64
Apoplexy	1 (av. 6 mo.)	.31	.32
	2	.26	.33
	3	.27	.41
	4 and 5 (av.)	.28	.47
	5 to 10 "	.31	.53
	10 to 20 "	.40	.86
	20 to 30 "	.58	1.70
	Av. for all	.33	.49
Congestion of the Brain	1 (av. 6 mo.)	.09	.18
	2	.05	.16
	3	.13	.17
	4 and 5 (av.)	.05	.19
	5 to 10 "	.07	.20
	10 to 20 "	.16	.22
	20 to 30 "	------	.27
	Av. for all	.09	.19
Epilepsy and Convulsions	1 (av. 6 mo.)	------	.01
	2	------	.02
	3	------	.04
	4 and 5 (av.)	.09	.05
	5 to 10 "	.07	.04
	10 to 20 "	.16	.06
	20 to 30 "	------	.05
	Av. for all	.04	.04
Other Nervous	1 (av. 6 mo.)	------	.04
	2	.10	.06
	3	.14	.09
	4 and 5 (av.)	.14	.11
	5 to 10 "	.05	.13
	10 to 20 "	.24	.20
	20 to 30 "	------	.37
	Av. for all	.11	.11



Average Deaths, per Year, Among 1,000 Insured Persons, from Diseases of the Respiratory Organs.

Disease	Years of Insurance	No. of Deaths Female	Male
Total	1 (av. 6 mo.)	.93	.89
	2	1.62	1.19
	3	1.52	1.26
	4 and 5 (av.)	1.54	1.36
	5 to 10 "	1.60	1.50
	10 to 20 "	1.51	1.91
	20 to 30 "	3.18	2.94
	Av. for all	1.53	1.37
Pneumonia	1 (av. 6 mo.)	.84	.54
	2	.97	.70
	3	.81	.72
	4 and 5 (av.)	1.02	.76
	5 to 10 "	.90	.86
	10 to 20 "	.95	1.07
	20 to 30 "	1.44	1.59
	Av. for all	.93	.78
Abscess and Hemorrhage of the Lungs	1 (av. 6 mo.)	.09	.13
	2	.39	.16
	3	.27	.18
	4 and 5 (av.)	.14	.21
	5 to 10 "	.31	.23
	10 to 20 "	------	.26
	20 to 30 "	------	.21
	Av. for all	.22	.20
Bronchitis and Pleurisy	1 (av. 6 mo.)	------	.06
	2	.13	.14
	3	.17	.14
	4 and 5 (av.)	.24	.20
	5 to 10 "	.07	.19
	10 to 20 "	.16	.26
	20 to 30 "	.58	.56
	Av. for all	.16	.17
Congestion of the Lungs	1 (av. 6 mo.)	------	.12
	2	.13	.14
	3	.17	.16
	4 and 5 (av.)	.09	.14
	5 to 10 "	.22	.16
	10 to 20 "	.24	.24
	20 to 30 "	.58	.44
	Av. for all	.15	.16
Other Respiratory	1 (av. 6 mo.)	------	.04
	2	------	.05
	3	.10	.06
	4 and 5 (av.)	.05	.05
	5 to 10 "	.10	.06
	10 to 20 "	.16	.08
	20 to 30 "	.58	.14
	Av. for all	.07	.06

NOTE.

Thirty-five years was the average age, at the date of insurance, of the 1,027,529 persons insured by the thirty American companies whose experience is here given; hence, the mortality recorded opposite "1" in the column headed "Years of Insurance," may be taken to represent the mortality at thirty-five years of age. To find the age represented by any one of the entries in this column, add 35, *e. g.*, "5 to 10" represents 40 to 45 inclusive.

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LIFE INSURANCE EXPERIENCE.—*Continued.*

Average Deaths, per Year, Among 1,000 Insured Persons, from Diseases of the Digestive Organs.

Disease	Years of Insurance	No. of Deaths Female	No. of Deaths Male
Total	1 (av. 6 mo.)	1.23	.60
	2	1.38	.76
	3	1.24	.92
	4 and 5 (av.)	1.33	.93
	5 to 10 "	1.62	1.07
	10 to 20 "	1.52	1.38
	20 to 30 "	2.60	1.87
	Av. for all	1.43	.96
Diseases of the Liver	1 (av. 6 mo.)	.09	.12
	2	.21	.21
	3	.20	.30
	4 and 5 (av.)	.31	.30
	5 to 10 "	.36	.37
	10 to 20 "	.32	.42
	20 to 30 "	------	.52
	Av. for all	.28	.30
Diseases of the Bowels	1 (av. 6 mo.)	.31	.17
	2	.50	.18
	3	.34	.20
	4 and 5 (av.)	.21	.21
	5 to 10 "	.41	.22
	10 to 20 "	.48	.29
	20 to 30 "	.58	.32
	Av. for all	.36	.21
Diseases of the Stomach	1 (av. 6 mo.)	.26	.10
	2	.31	.13
	3	.20	.18
	4 and 5 (av.)	.26	.18
	5 to 10 "	.34	.18
	10 to 20 "	.24	.33
	20 to 30 "	.58	.41
	Av. for all	.27	.18
Peritonitis	1 (av. 6 mo.)	.22	.05
	2	.18	.08
	3	.30	.07
	4 and 5 (av.)	.31	.06
	5 to 10 "	.10	.07
	10 to 20 "	------	.06
	20 to 30 "	.86	.14
	Av. for all	.21	.07
Other Digestive	1 (av. 6 mo.)	.35	.16
	2	.18	.16
	3	.20	.17
	4 and 5 (av.)	.24	.18
	5 to 10 "	.41	.23
	10 to 20 "	.48	.28
	20 to 30 "	.58	.48
	Av. for all	.31	.20

SCALE: 1/5 2/5 3/5 4/5 1 Death. 2 3 4

Average Deaths, per Year, Among 1,000 Insured Persons, from Diseases of the Circulatory System.

Disease	Years of Insurance	No. of Deaths Female	No. of Deaths Male
Total	1 (av. 6 mo.)	.40	.21
	2	.29	.30
	3	.41	.40
	4 and 5 (av.)	.54	.54
	5 to 10 "	.77	.73
	10 to 20 "	.72	1.13
	20 to 30 "	2.59	2.50
	Av. for all	.55	.57
Diseases of the Heart	1 (av. 6 mo.)	.31	.18
	2	.29	.27
	3	.34	.38
	4 and 5 (av.)	.54	.51
	5 to 10 "	.77	.68
	10 to 20 "	.72	1.07
	20 to 30 "	2.59	2.34
	Av. for all	.52	.53
Other Circulatory	1 (av. 6 mo.)	.09	.03
	2	------	.03
	3	.07	.02
	4 and 5 (av.)	------	.03
	5 to 10 "	------	.05
	10 to 20 "	------	.06
	20 to 30 "	------	.16
	Av. for all	.03	.04

Average Deaths, per Year, Among 1,000 Insured Persons, from Miscellaneous Causes.

Disease	Years of Insurance	No. of Deaths Female	No. of Deaths Male
Total	1 (av. 6 mo.)	2.38	1.33
	2	2.55	1.40
	3	2.24	1.42
	4 and 5 (av.)	2.27	1.55
	5 to 10 "	2.59	1.80
	10 to 20 "	2.40	2.13
	20 to 30 "	2.60	4 31
	Av. for all	2.47	1.65
Accidents and Injuries	1 (av. 6 mo.)	.22	.94
	2	.18	.83
	3	.14	.77
	4 and 5 (av.)	.17	.76
	5 to 10 "	.19	.74
	10 to 20 "	------	.68
	20 to 30 "	.58	.51
	Av. for all	.17	.77
Diseases of the Kidneys	1 (av. 6 mo.)	.13	.09
	2	.10	.13
	3	.13	.20
	4 and 5 (av.)	.09	.23
	5 to 10 "	.22	.34
	10 to 20 "	.16	.48
	20 to 30 "	------	.90
	Av. for all	.15	.25
Suicides	1 (av. 6 mo.)	.09	.10
	2	------	.13
	3	------	.14
	4 and 5 (av.)	.05	.13
	5 to 10 "	------	.16
	10 to 20 "	------	.13
	20 to 30 "	------	.20
	Av. for all	.03	.14
Debility, Exhaustion, Prostration etc.	1 (av. 6 mo.)	.09	.02
	2	.08	.06
	3	.14	.07
	4 and 5 (av.)	.07	.10
	5 to 10 "	.22	.14
	10 to 20 "	.48	.21
	20 to 30 "	.58	.68
	Av. for all	.16	.11
Abscess, Hemorrhage, and Old Age	1 (av. 6 mo.)	.09	.03
	2	.08	.07
	3	.20	.06
	4 and 5 (av.)	.12	.08
	5 to 10 "	.07	.09
	10 to 20 "	.48	.17
	20 to 30 "	.86	1.18
	Av. for all	.15	.10
Urinary Diseases, other than Diseases of the Kidneys and Diabetes	1 (av. 6 mo.)	------	.02
	2	.08	.04
	3	------	.05
	4 and 5 (av.)	.04	.07
	5 to 10 "	.07	.10
	10 to 20 "	------	.19
	20 to 30 "	------	.50
	Av. for all	.05	.08
Diabetes	1 (av. 6 mo.)	------	.01
	2	------	.03
	3	------	.02
	4 and 5 (av.)	------	.04
	5 to 10 "	.07	.07
	10 to 20 "	------	.07
	20 to 30 "	------	.25
	Av. for all	.02	.05
Childbirth and Puerperal Diseases	1 (av. 6 mo.)	1.32	------
	2	1.33	------
	3	.85	------
	4 and 5 (av.)	1.07	------
	5 to 10 "	.97	------
	10 to 20 "	.48	------
	20 to 30 "	------	------
	Av. for all	1.04	------
Diseases of the Breast and Uterus	1 (av. 6 mo.)	.26	------
	2	.60	------
	3	.68	------
	4 and 5 (av.)	.59	------
	5 to 10 "	.68	------
	10 to 20 "	.48	------
	20 to 30 "	.58	------
	Av. for all	.58	------
Unknown Causes	1 (av. 6 mo.)	.18	.12
	2	.10	.11
	3	.10	.11
	4 and 5 (av.)	.07	.14
	5 to 10 "	.10	.16
	10 to 20 "	.32	.20
	20 to 30 "	------	.09
	Av. for all	.12	.15

SCALE: 1/5 3/5 3/5 4/5 1 Death. 2 3 4

SUMMARY.

Average Number of Deaths, per Year, Among 1,000 Insured Persons, by Ages.

Age	Experience	Female	Male
15 to 20	American	6.8	7.1
	British	7.6	4.7
20 to 25	American	11.0	6.9
	British	8.5	6.9
25 to 30	American	10.0	6.7
	British	11.8	6.9
30 to 35	American	10.5	7.1
	British	11.3	8.2
35 to 40	American	10.0	8.0
	British	12.1	9.5
40 to 45	American	10.5	9.4
	British	12.8	10.7
45 to 50	American	10.6	11.0
	British	13.9	13.6
50 to 55	American	13.4	14.3
	British	15.7	17.4
55 to 60	American	18.3	19.4
	British	20.2	24.0
60 to 65	American	23.9	27.6
	British	28.6	34.8
65 to 70	American	40.4	39.3
	British	43.7	50.2
70 to 75	American	47.8	56.3
	British	68.4	73.3
75 to 80	American	145.9	84.8
	British	106.6	110.0
80 to 85	American	201.3	113.3
	British	125.1	165.2
85 to 90	American	162.8	166.7
	British	228.2	223.5
90 to 95	American	------	------
	British	226.8	327.3

SCALE: 10 Deaths. 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310 320 330

Note.—This chart exhibits the experience of the *thirty American offices*. Whole number of observations (policies), 1,027,529. Males, 982,734; females, 44,795; also that of *twenty British offices*. Whole number of observations (policies), 146,847. Males, 130,243; females, 16,604.

Average Deaths, by the American and Carlisle Tables.

Age	By American Life Table, 1858 — Male and Female	By Carlisle Table — Male and Female
15 to 20	13.1	6.8
20 to 25	10.7	7.0
25 to 30	7.8	8.2
30 to 35	10.4	10.1
35 to 40	9.8	10.9
40 to 45	8.3	14.1
45 to 50	11.3	14.4
50 to 55	15.5	15.2
55 to 60	18.7	22.0
60 to 65	43.4	36.8
65 to 70	41.5	44.5
70 to 75	51.9	69.7
75 to 80	84.8	105.4
80 to 85	----------	138.6
85 to 90	----------	199.2
90 to 95	----------	286.1

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