

**Table 2.6. Number and rate\* of deaths with hepatitis B listed as a cause of death† among U.S. residents, by jurisdiction and year — United States, 2014–2018**

State	2014		2015		2016		2017		2018	
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*
Alabama	20	0.37	15	UR <sup>§</sup>	19	UR <sup>§</sup>	19	UR <sup>§</sup>	19	UR <sup>§</sup>
Alaska	S <sup>¶</sup>	UR <sup>§</sup>	S <sup>¶</sup>	UR <sup>§</sup>	S <sup>¶</sup>	UR <sup>§</sup>	S <sup>¶</sup>	UR <sup>§</sup>	S <sup>¶</sup>	UR <sup>§</sup>
Arizona	38	0.48	30	0.36	29	0.34	19	UR <sup>§</sup>	31	0.34
Arkansas	18	UR <sup>§</sup>	12	UR <sup>§</sup>	10	UR <sup>§</sup>	22	0.60	17	UR <sup>§</sup>
California	406	0.96	355	0.82	337	0.78	346	0.80	304	0.67
Colorado	23	0.38	23	0.40	23	0.39	32	0.51	26	0.39
Connecticut	14	UR <sup>§</sup>	17	UR <sup>§</sup>	S <sup>¶</sup>	UR <sup>§</sup>	S <sup>¶</sup>	UR <sup>§</sup>	13	UR <sup>§</sup>
Delaware	S <sup>¶</sup>	UR <sup>§</sup>	S <sup>¶</sup>	UR <sup>§</sup>	S <sup>¶</sup>	UR <sup>§</sup>	S <sup>¶</sup>	UR <sup>§</sup>	S <sup>¶</sup>	UR <sup>§</sup>
District of Columbia	15	UR <sup>§</sup>	S <sup>¶</sup>	UR <sup>§</sup>	11	UR <sup>§</sup>	12	UR <sup>§</sup>	S <sup>¶</sup>	UR <sup>§</sup>
Florida	105	0.40	108	0.40	98	0.36	129	0.45	109	0.41
Georgia	51	0.47	43	0.37	35	0.30	34	0.28	40	0.35
Hawaii	25	1.47	13	UR <sup>§</sup>	26	1.50	15	UR <sup>§</sup>	14	UR <sup>§</sup>
Idaho	S <sup>¶</sup>	UR <sup>§</sup>	S <sup>¶</sup>	UR <sup>§</sup>	S <sup>¶</sup>	UR <sup>§</sup>	S <sup>¶</sup>	UR <sup>§</sup>	S <sup>¶</sup>	UR <sup>§</sup>
Illinois	31	0.21	30	0.21	40	0.28	30	0.19	31	0.20
Indiana	26	0.35	21	0.27	26	0.32	29	0.34	16	UR <sup>§</sup>
Iowa	12	UR <sup>§</sup>	S <sup>¶</sup>	UR <sup>§</sup>	16	UR <sup>§</sup>	15	UR <sup>§</sup>	19	UR <sup>§</sup>
Kansas	S <sup>¶</sup>	UR <sup>§</sup>	S <sup>¶</sup>	UR <sup>§</sup>	15	UR <sup>§</sup>	11	UR <sup>§</sup>	12	UR <sup>§</sup>
Kentucky	30	0.66	26	0.54	36	0.72	35	0.75	47	0.98
Louisiana	49	0.88	36	0.63	26	0.49	30	0.53	36	0.60
Maine	S <sup>¶</sup>	UR <sup>§</sup>	S <sup>¶</sup>	UR <sup>§</sup>	S <sup>¶</sup>	UR <sup>§</sup>	S <sup>¶</sup>	UR <sup>§</sup>	S <sup>¶</sup>	UR <sup>§</sup>
Maryland	29	0.44	25	0.38	31	0.43	31	0.43	37	0.52
Massachusetts	38	0.47	46	0.54	32	0.37	36	0.47	28	0.36
Michigan	33	0.27	35	0.29	27	0.18	28	0.22	33	0.25
Minnesota	18	UR <sup>§</sup>	31	0.45	25	0.42	21	0.30	33	0.51
Mississippi	23	0.65	20	0.61	22	0.64	23	0.67	20	0.61
Missouri	18	UR <sup>§</sup>	20	0.25	13	UR <sup>§</sup>	19	UR <sup>§</sup>	24	0.31
Montana	S <sup>¶</sup>	UR <sup>§</sup>	S <sup>¶</sup>	UR <sup>§</sup>	S <sup>¶</sup>	UR <sup>§</sup>	S <sup>¶</sup>	UR <sup>§</sup>	S <sup>¶</sup>	UR <sup>¶</sup>
Nebraska	S <sup>¶</sup>	UR <sup>§</sup>	S <sup>¶</sup>	UR <sup>§</sup>	S <sup>¶</sup>	UR <sup>§</sup>	S <sup>¶</sup>	UR <sup>§</sup>	10	UR <sup>§</sup>
Nevada	10	UR <sup>§</sup>	18	UR <sup>§</sup>	23	0.66	13	UR <sup>§</sup>	20	0.51
New Hampshire	S <sup>¶</sup>	UR <sup>§</sup>	S <sup>¶</sup>	UR <sup>§</sup>	S <sup>¶</sup>	UR <sup>§</sup>	S <sup>¶</sup>	UR <sup>§</sup>	S <sup>¶</sup>	UR <sup>¶</sup>
New Jersey	49	0.44	48	0.45	39	0.34	43	0.43	41	0.39
New Mexico	11	UR <sup>§</sup>	S <sup>¶</sup>	UR <sup>§</sup>	S <sup>¶</sup>	UR <sup>§</sup>	S <sup>¶</sup>	UR <sup>§</sup>	S <sup>¶</sup>	UR <sup>¶</sup>
New York	147	0.64	115	0.50	138	0.60	123	0.50	115	0.47
North Carolina	34	0.29	40	0.34	42	0.37	36	0.29	35	0.27
North Dakota	S <sup>¶</sup>	UR <sup>§</sup>	S <sup>¶</sup>	UR <sup>§</sup>	S <sup>¶</sup>	UR <sup>§</sup>	S <sup>¶</sup>	UR <sup>§</sup>	S <sup>¶</sup>	UR <sup>§</sup>
Ohio	58	0.41	58	0.44	44	0.34	55	0.42	42	0.32
Oklahoma	31	0.71	34	0.77	43	0.95	40	0.95	54	1.16
Oregon	28	0.59	35	0.67	27	0.54	29	0.52	23	0.45
Pennsylvania	46	0.29	44	0.27	41	0.25	35	0.20	34	0.22
Rhode Island	S <sup>¶</sup>	S <sup>¶</sup>	S <sup>¶</sup>	UR <sup>§</sup>	S <sup>¶</sup>	UR <sup>§</sup>	S <sup>¶</sup>	UR <sup>§</sup>	11	UR <sup>§</sup>
South Carolina	30	0.54	22	0.35	38	0.60	26	0.39	26	0.42
South Dakota	S <sup>¶</sup>	UR <sup>§</sup>	S <sup>¶</sup>	UR <sup>§</sup>	S <sup>¶</sup>	UR <sup>§</sup>	S <sup>¶</sup>	UR <sup>§</sup>	S <sup>¶</sup>	UR <sup>§</sup>
Tennessee	54	0.68	54	0.70	55	0.71	63	0.83	50	0.61
Texas	140	0.49	130	0.43	149	0.51	150	0.51	119	0.40
Utah	S <sup>¶</sup>	UR <sup>§</sup>	10	UR <sup>§</sup>	S <sup>¶</sup>	UR <sup>§</sup>	11	UR <sup>§</sup>	S <sup>¶</sup>	UR <sup>§</sup>
Vermont	S <sup>¶</sup>	UR <sup>§</sup>	S <sup>¶</sup>	UR <sup>§</sup>	S <sup>¶</sup>	UR <sup>§</sup>	S <sup>¶</sup>	UR <sup>§</sup>	S <sup>¶</sup>	UR <sup>§</sup>
Virginia	23	0.23	25	0.26	23	0.24	29	0.30	28	0.28
Washington	56	0.66	48	0.53	47	0.55	47	0.56	53	0.57
West Virginia	16	UR <sup>§</sup>	21	0.89	11	UR <sup>§</sup>	14	UR <sup>§</sup>	23	1.26
Wisconsin	16	UR <sup>§</sup>	18	UR <sup>§</sup>	19	UR <sup>§</sup>	21	0.31	19	UR <sup>§</sup>
Wyoming	S <sup>¶</sup>	UR <sup>§</sup>	S <sup>¶</sup>	UR <sup>§</sup>	S <sup>¶</sup>	UR <sup>§</sup>	S <sup>¶</sup>	UR <sup>§</sup>	S <sup>¶</sup>	UR <sup>§</sup>
<b>Total</b>	<b>1,837</b>	<b>0.50</b>	<b>1,707</b>	<b>0.46</b>	<b>1,690</b>	<b>0.45</b>	<b>1,727</b>	<b>0.46</b>	<b>1,649</b>	<b>0.43</b>

Source: CDC, National Center for Health Statistics, Multiple Cause of Death 1999–2018 on CDC WONDER Online Database. Data are from the 2014–2018 Multiple Cause of Death files and are based on information from all death certificates filed in the vital records offices of the fifty states and the District of Columbia through the Vital Statistics Cooperative Program. Deaths of nonresidents (e.g., nonresident aliens, nationals living abroad, residents of Puerto Rico, Guam, the Virgin Islands, and other U.S. Territories) and fetal deaths are excluded. Numbers are slightly lower than previously reported for 2013–2016 due to NCHS standards which restrict displayed data to U.S. residents. Accessed at <http://wonder.cdc.gov/mcd-icd10.html> on February 14, 2020. CDC WONDER dataset documentation and technical methods can be accessed at <https://wonder.cdc.gov/wonder/help/mcd.html#>.

\* Rates are age-adjusted per 100,000 U.S. standard population in 2000 using the following age group distribution (in years): <1, 1–4, 5–14, 15–24, 25–34, 35–44, 45–54, 55–64, 65–74, 75–84, and 85+. For age-adjusted death rates, the age-specific death rate is rounded to one decimal place before proceeding to the next step in the calculation of age-adjusted death rates for NCHS Multiple Cause of Death on CDC WONDER. This rounding step may affect the precision of rates calculated for small numbers of deaths. Missing data are not included.

† Cause of death is defined as one of the multiple causes of death and is based on the International Classification of Diseases, 10th Revision (ICD-10) codes B16, B17.0, B18.0, B18.1 (hepatitis B).

UR<sup>§</sup> Unreliable rate: Rates where death counts were less than 20 were not displayed due to the instability associated with those rates.

S<sup>¶</sup> Suppressed: Sub-national data representing fewer than ten deaths (0–9) are suppressed or CDC WONDER did not have the functionality to calculate rates.