

Table 2.7. Number and rate* of deaths with hepatitis B listed as a cause of death† among U.S. residents, by demographic characteristics, region, and year — United States, 2014–2018

Demographic characteristic	2014		2015		2016		2017		2018	
	No.	Rate (95% CI)	No.	Rate (95% CI)	No.	Rate (95% CI)	No.	Rate (95% CI)	No.	Rate (95% CI)
Age group (years)										
0–34	35	0.02 (0.02–0.03)	30	0.02 (0.01–0.03)	39	0.03 (0.02–0.04)	29	0.02 (0.01–0.03)	32	0.02 (0.01–0.03)
35–44	126	0.31 (0.26–0.37)	118	0.29 (0.24–0.34)	116	0.29 (0.23–0.34)	106	0.26 (0.21–0.31)	122	0.3 (0.24–0.35)
45–54	384	0.88 (0.80–0.97)	330	0.76 (0.68–0.85)	324	0.76 (0.67–0.84)	323	0.76 (0.68–0.85)	283	0.68 (0.60–0.76)
55–64	682	1.7 (1.57–1.83)	610	1.49 (1.37–1.61)	576	1.39 (1.28–1.50)	548	1.3 (1.20–1.41)	520	1.23 (1.12–1.34)
65–74	356	1.35 (1.21–1.49)	382	1.39 (1.25–1.53)	383	1.34 (1.20–1.47)	417	1.4 (1.27–1.54)	422	1.38 (1.25–1.52)
75+	254	1.28 (1.12–1.44)	236	1.17 (1.02–1.32)	252	1.22 (1.07–1.37)	303	1.43 (1.27–1.59)	270	1.23 (1.08–1.38)
Race/ethnicity										
White, Non-Hispanic	851	0.33 (0.30–0.46)	805	0.28 (0.26–0.30)	767	0.29 (0.27–0.31)	776	0.28 (0.26–0.30)	760	0.27 (0.25–0.29)
Black, Non-Hispanic	330	0.81 (0.72–0.89)	318	0.75 (0.67–0.84)	315	0.73 (0.65–0.81)	320	0.74 (0.66–0.83)	304	0.7 (0.62–0.79)
Hispanic	156	0.4 (0.33–0.46)	136	0.32 (0.27–0.38)	128	0.3 (0.25–0.36)	109	0.26 (0.21–0.32)	122	0.28 (0.23–0.33)
Asian/ Pacific Islander, Non-Hispanic	475	2.69 (2.44–2.93)	419	2.23 (2.01–2.45)	454	2.38 (2.16–2.60)	492	2.45 (2.23–2.67)	439	2.1 (1.90–2.30)
American Indian/ Alaska Native, Non-Hispanic	10	UR [§]	13	UR [§]	16	UR [§]	17	UR [§]	6	UR [§]
Sex										
Male	1,301	0.74 (0.70–0.78)	1,270	0.7 (0.66–0.74)	1,231	0.67 (0.64–0.71)	1,275	0.7 (0.66–0.74)	1,191	0.65 (0.61–0.69)
Female	536	0.27 (0.24–0.29)	437	0.21 (0.19–0.23)	459	0.22 (0.20–0.24)	452	0.23 (0.20–0.25)	458	0.22 (0.20–0.24)
DHHS Region										
Region 1: Boston	76	0.42 (0.33–0.54)	81	0.43 (0.34–0.54)	56	0.28 (0.21–0.37)	60	0.35 (0.27–0.46)	64	0.34 (0.26–0.45)
Region 2: New York	196	0.58 (0.50–0.67)	163	0.48 (0.41–0.56)	177	0.51 (0.43–0.59)	166	0.47 (0.39–0.54)	156	0.44 (0.36–0.51)
Region 3: Philadelphia	137	0.38 (0.31–0.44)	126	0.35 (0.28–0.41)	118	0.32 (0.26–0.38)	128	0.32 (0.27–0.38)	130	0.35 (0.29–0.41)
Region 4: Atlanta	347	0.46 (0.41–0.51)	328	0.43 (0.38–0.48)	345	0.44 (0.39–0.49)	365	0.45 (0.41–0.50)	346	0.45 (0.40–0.50)
Region 5: Chicago	182	0.3 (0.25–0.34)	193	0.32 (0.27–0.36)	181	0.29 (0.25–0.33)	184	0.29 (0.24–0.33)	174	0.28 (0.24–0.33)
Region 6: Dallas	249	0.58 (0.51–0.66)	220	0.5 (0.43–0.56)	230	0.51 (0.44–0.57)	247	0.55 (0.48–0.62)	230	0.47 (0.41–0.53)
Region 7: Kansas City	41	0.27 (0.19–0.37)	44	0.26 (0.19–0.36)	52	0.33 (0.24–0.44)	50	0.29 (0.22–0.39)	65	0.38 (0.29–0.48)
Region 8: Denver	39	0.33 (0.23–0.45)	42	0.35 (0.25–0.47)	35	0.27 (0.19–0.38)	48	0.37 (0.27–0.49)	34	0.25 (0.17–0.35)
Region 9: San Francisco	479	0.88 (0.80–0.97)	416	0.72 (0.65–0.79)	415	0.73 (0.66–0.80)	393	0.69 (0.62–0.76)	369	0.62 (0.56–0.69)
Region 10: Seattle	91	0.57 (0.45–0.70)	94	0.56 (0.45–0.69)	81	0.51 (0.40–0.63)	86	0.52 (0.41–0.64)	81	0.47 (0.37–0.59)
Overall	1,837	0.5 (0.47–0.52)	1,707	0.46 (0.44–0.49)	1,690	0.45 (0.43–0.48)	1,727	0.46 (0.44–0.49)	1,649	0.43 (0.41–0.45)

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 for race/ethnicity, sex, and the overall total 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[§] Unreliable rate: Rates where death counts were less than 20 were not displayed due to the instability associated with those rates.