

**Table 3.7. Number and rate\* of deaths with hepatitis C 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)
<b>Age group (years)</b>										
0–34	162	0.11 (0.09–0.13)	196	0.13 (0.11–0.15)	164	0.11 (0.09–0.13)	180	0.12 (0.10–0.14)	212	0.14 (0.12–0.16)
35–44	549	1.36 (1.24–1.47)	592	1.46 (1.34–1.58)	532	1.31 (1.20–1.43)	507	1.24 (1.13–1.35)	499	1.21 (1.10–1.31)
45–54	4,108	9.45 (9.16–9.74)	3,659	8.47 (8.20–8.75)	3,026	7.07 (6.82–7.32)	2,556	6.03 (5.80–6.27)	2,040	4.90 (4.69–5.11)
55–64	9,976	24.89 (24.40–25.38)	9,678	23.68 (23.20–24.15)	9,011	21.73 (21.28–22.18)	8,275	19.70 (19.28–20.13)	7,297	17.26 (16.87–17.66)
65–74	3,382	12.81 (12.38–13.24)	4,009	14.55 (14.10–15.00)	4,071	14.22 (13.78–14.66)	4,397	14.81 (14.38–15.25)	4,429	14.52 (14.10–14.95)
75+	1,431	7.21 (6.84–7.58)	1,431	7.08 (6.71–7.45)	1,288	6.25 (5.91–6.59)	1,329	6.28 (5.94–6.61)	1,235	5.63 (5.32–5.94)
<b>Race/ethnicity</b>										
White, Non-Hispanic	12,438	4.42 (4.34–4.50)	12,329	4.35 (4.27–4.43)	11,389	3.95 (3.88–4.03)	10,781	3.70 (3.63–3.78)	9,858	3.35 (3.28–3.42)
Black, Non-Hispanic	3,535	8.12 (7.85–8.39)	3,602	8.13 (7.86–8.40)	3,360	7.42 (7.16–7.68)	3,262	7.03 (6.79–7.28)	2,978	6.31 (6.08–6.54)
Hispanic	2,792	6.90 (6.63–7.16)	2,737	6.48 (6.23–6.74)	2,510	5.76 (5.53–6.00)	2,399	5.29 (5.08–5.51)	2,190	4.64 (4.44–4.84)
Asian/ Pacific Islander, Non-Hispanic	419	2.43 (2.19–2.67)	415	2.32 (2.09–2.55)	384	2.03 (1.82–2.24)	368	1.86 (1.67–2.05)	300	1.43 (1.27–1.60)
American Indian/ Alaska Native, Non-Hispanic	287	10.05 (8.86–11.24)	324	11.45 (10.18–12.73)	285	9.80 (8.63–10.97)	299	10.24 (9.04–11.44)	264	9.05 (7.93–10.17)
<b>Sex</b>										
Male	13,962	7.38 (7.26–7.51)	14,043	7.27 (7.15–7.40)	12,815	6.48 (6.36–6.59)	12,287	6.12 (6.01–6.23)	11,242	5.53 (5.42–5.63)
Female	5,651	2.82 (2.75–2.90)	5,523	2.71 (2.63–2.78)	5,278	2.54 (2.47–2.61)	4,966	2.32 (2.26–2.39)	4,471	2.09 (2.02–2.15)
<b>DHHS Region</b>										
Region 1: Boston	717	3.77 (3.48–4.05)	732	3.78 (3.50–4.07)	616	3.10 (2.85–3.35)	602	2.97 (2.72–3.21)	519	2.56 (2.33–2.79)
Region 2: New York	1,538	4.27 (4.05–4.49)	1,379	3.78 (3.58–3.98)	1,167	3.12 (2.94–3.30)	1,043	2.76 (2.59–2.93)	924	2.48 (2.31–2.64)
Region 3: Philadelphia	1,551	3.95 (3.75–4.15)	1,675	4.17 (3.96–4.37)	1,478	3.68 (3.48–3.87)	1,441	3.53 (3.35–3.72)	1,253	3.04 (2.87–3.22)
Region 4: Atlanta	3,679	4.61 (4.46–4.76)	3,703	4.53 (4.38–4.68)	3,500	4.18 (4.03–4.32)	3,450	4.03 (3.89–4.16)	3,160	3.60 (3.47–3.72)
Region 5: Chicago	2,155	3.23 (3.10–3.37)	2,182	3.24 (3.11–3.38)	2,064	3.01 (2.88–3.15)	1,846	2.63 (2.51–2.75)	1,762	2.52 (2.40–2.64)
Region 6: Dallas	3,148	6.94 (6.69–7.18)	3,280	7.08 (6.83–7.33)	3,194	6.69 (6.45–6.92)	3,169	6.54 (6.31–6.77)	2,907	5.85 (5.64–6.07)
Region 7: Kansas City	629	3.96 (3.40–3.99)	623	3.58 (3.29–3.87)	593	3.31 (3.04–3.59)	589	3.24 (2.97–3.51)	544	3.04 (2.78–3.30)
Region 8: Denver	589	4.44 (4.07–4.80)	634	4.67 (4.30–5.04)	640	4.69 (4.32–5.06)	615	4.38 (4.02–4.73)	636	4.45 (4.09–4.80)
Region 9: San Francisco	4,230	7.30 (7.07–7.52)	4,053	6.84 (6.63–7.05)	3,668	6.08 (5.88–6.28)	3,330	5.37 (5.19–5.56)	2,928	4.63 (4.46–4.80)
Region 10: Seattle	1,377	8.10 (7.66–8.54)	1,305	7.49 (7.08–7.91)	1,173	6.56 (6.17–6.94)	1,168	6.38 (6.01–6.76)	1,080	5.79 (5.43–6.14)
<b>Overall</b>	<b>19,613</b>	<b>5.01 (4.93–5.08)</b>	<b>19,566</b>	<b>4.91 (4.84–4.98)</b>	<b>18,093</b>	<b>4.42 (4.36–4.49)</b>	<b>17,253</b>	<b>4.13 (4.07–4.20)</b>	<b>15,713</b>	<b>3.72 (3.66–3.78)</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 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+. Missing data are not included. 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.

† 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 B17.1, and B18.2 (hepatitis C).