

**Supplementary Table. Trends in Suicide Rates among Persons ≥ 10 Years of Age, by State and Sex, National Vital Statistics System, 1999 – 2016**

State	Sex	Age-Adjusted Annual Rate per 100,000 Persons (Change from Prior Period) *						Modeled AAPC †	Current State Rank §	Overall Rate Change (State Rank) ¶	Overall Percent Change (State Rank) **
		1999 – 2001	2002 – 2004	2005 – 2007	2008 – 2010	2011 – 2013	2014 – 2016				
U.S.	Both	12.3 (n/a)	12.7 (+ 0.4)	12.9 (+ 0.2)	13.8 (+ 0.9)	14.5 (+ 0.8)	15.4 (+ 0.9)	+ 1.5 % (p<.01)	n/a	+ 3.1 (n/a)	+ 25.4 % (n/a)
	Male	20.9 (n/a)	21.2 (+ 0.4)	21.3 (+ 0.0)	22.5 (+1.3)	23.5 (+ 1.0)	24.5 (+ 1.0)	+ 1.1 % (p<.01)			
	Female	4.7 (n/a)	5.0 (+ 0.3)	5.3 (+ 0.2)	5.7 (+ 0.4)	6.2 (+ 0.5)	6.9 (+ 0.7)	+ 2.6 % (p<.01)			
AL	Both	14.3 (n/a)	13.4 (- 0.9)	14.1 (+ 0.6)	15.6 (+ 1.6)	16.4 (+ 0.7)	17.5 (+ 1.1)	+ 1.6 % (p<.05)	25	+ 3.1 (31)	+ 21.9 % (33)
	Male	25.1 (n/a)	23.4 (- 1.7)	24.4 (+ 1.0)	26.4 (+ 2.0)	27.6 (+ 1.1)	29.1 (+ 1.5)	+ 1.3 % (p<.05)			
	Female	5.1 (n/a)	4.8 (- 0.3)	5.0 (+ 0.2)	6.1 (+ 1.1)	6.4 (+ 0.3)	7.0 (+ 0.7)	+ 2.6 % (p<.01)			
AK	Both	21.0 (n/a)	24.8 (+ 3.8)	24.2 (- 0.6)	26.0 (+ 1.7)	25.4 (- 0.5)	28.8 (+ 3.4)	+ 1.7 % (p<.05)	2	+ 7.8 ( 4)	+ 37.4 % (13)
	Male	33.2 (n/a)	38.1 (+ 4.9)	38.9 (+ 0.8)	40.1 (+ 1.2)	40.1 (- 0.1)	42.9 (+ 2.8)	+ 1.4 % (p<.01)			
	Female	8.6 (n/a)	11.4 (+ 2.9)	9.8 (- 1.6)	11.1 (+ 1.2)	9.9 (- 1.2)	13.2 (+ 3.4)	+ 1.7 % n/s			
AZ	Both	17.8 (n/a)	18.5 (+ 0.7)	19.1 (+ 0.5)	19.1 (- 0.0)	20.4 (+ 1.3)	20.9 (+ 0.5)	+ 1.0 % (p<.01)	15	+ 3.1 (32)	+ 17.3 % (42)
	Male	29.3 (n/a)	30.2 (+ 1.0)	30.6 (+ 0.4)	30.2 (- 0.5)	32.0 (+ 1.9)	32.4 (+ 0.4)	+ 0.6 % (p<.05)			
	Female	7.1 (n/a)	7.5 (+ 0.4)	8.2 (+ 0.7)	8.6 (+ 0.5)	9.2 (+ 0.6)	9.9 (+ 0.6)	+ 2.2 % (p<.01)			
AR	Both	15.5 (n/a)	15.8 (+ 0.3)	16.2 (+ 0.5)	17.6 (+ 1.4)	19.2 (+ 1.6)	21.2 (+ 2.0)	+ 2.2 % (p<.01)	12	+ 5.7 (14)	+ 36.8 % (15)
	Male	26.7 (n/a)	26.7 (+ 0.0)	27.2 (+ 0.5)	28.2 (+ 1.0)	31.7 (+ 3.5)	33.5 (+ 1.9)	+ 1.6 % (p<.05)			
	Female	5.6 (n/a)	5.9 (+ 0.3)	6.2 (+ 0.4)	7.9 (+ 1.7)	7.5 (- 0.4)	9.6 (+ 2.1)	+ 3.6 % (p<.01)			
CA	Both	10.6 (n/a)	11.3 (+ 0.7)	11.0 (- 0.3)	12.0 (+ 1.0)	11.8 (- 0.1)	12.1 (+ 0.3)	+ 0.9 % (p<.05)	45	+ 1.6 (46)	+ 14.8 % (46)
	Male	17.9 (n/a)	18.4 (+ 0.5)	17.7 (- 0.7)	19.1 (+ 1.4)	18.9 (- 0.2)	19.2 (+ 0.3)	+ 0.5 % n/s			
	Female	4.1 (n/a)	5.0 (+ 0.9)	4.9 (- 0.1)	5.4 (+ 0.5)	5.3 (- 0.1)	5.6 (+ 0.3)	+ 1.7 % (p<.05)			
CO	Both	17.3 (n/a)	19.2 (+ 1.9)	19.0 (- 0.2)	20.0 (+ 1.0)	21.6 (+ 1.5)	23.2 (+ 1.6)	+ 1.8 % (p<.01)	8	+ 5.9 (12)	+ 34.1 % (22)
	Male	28.6 (n/a)	30.9 (+ 2.3)	30.5 (- 0.4)	31.5 (+ 1.0)	33.4 (+ 1.9)	36.3 (+ 2.9)	+ 1.4 % (p<.01)			
	Female	7.0 (n/a)	8.2 (+ 1.3)	8.2 (+ 0.0)	9.1 (+ 0.9)	10.1 (+ 1.0)	10.4 (+ 0.3)	+ 2.6 % (p<.01)			
CT	Both	9.6 (n/a)	8.9 (- 0.7)	9.1 (+ 0.2)	10.2 (+ 1.1)	11.0 (+ 0.8)	11.5 (+ 0.5)	+ 1.6 % (p<.05)	46	+ 1.9 (43)	+ 19.2 % (34)
	Male	16.4 (n/a)	14.6 (- 1.8)	15.0 (+ 0.4)	16.6 (+ 1.6)	17.6 (+ 1.0)	17.3 (- 0.3)	+ 0.9 % n/s			
	Female	3.6 (n/a)	3.8 (+ 0.2)	3.7 (- 0.2)	4.4 (+ 0.7)	4.9 (+ 0.5)	6.2 (+ 1.3)	+ 3.5 % (p<.05)			

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		1999 – 2001	2002 – 2004	2005 – 2007	2008 – 2010	2011 – 2013	2014 – 2016				
DE	Both	13.6 (n/a)	12.2 (- 1.4)	11.9 (- 0.3)	13.6 (+ 1.7)	14.2 (+ 0.6)	14.4 (+ 0.2)	+ 0.9 % n/s	42	+ 0.8 (50)	+ 5.9 % (50)
	Male	23.0 (n/a)	20.3 (- 2.7)	19.9 (- 0.4)	23.1 (+ 3.2)	22.7 (- 0.4)	23.5 (+ 0.8)	+ 0.6 % n/s			
	Female	5.3 (n/a)	5.0 (- 0.2)	4.6 (- 0.4)	4.9 (+ 0.3)	6.4 (+ 1.5)	6.2 (- 0.2)	+ 1.6 % n/s			
DC	Both	5.9 (n/a)	6.4 (+ 0.5)	6.4 (- 0.0)	7.3 (+ 0.8)	6.6 (- 0.7)	6.9 (+ 0.3)	+ 0.9 % n/s	51	+ 1.0 (48)	+ 16.1 % (45)
	Male	10.7 (n/a)	11.1 (+ 0.4)	10.3 (- 0.8)	12.7 (+ 2.4)	10.0 (- 2.6)	11.7 (+ 1.7)	+ 0.3 % n/s			
	Female	1.7 (n/a) ††	2.3 (+ 0.6) ††	3.3 (+ 1.0)	2.6 (- 0.7)	3.6 (+ 1.0)	2.8 (- 0.8)	+ 3.5 % n/s			
FL	Both	14.8 (n/a)	15.2 (+ 0.4)	14.9 (- 0.3)	16.3 (+ 1.4)	16.3 (- 0.0)	16.4 (+ 0.1)	+ 0.8 % (p<.05)	29	+ 1.6 (45)	+ 10.6 % (48)
	Male	24.3 (n/a)	24.4 (+ 0.1)	23.6 (- 0.8)	26.2 (+ 2.6)	25.6 (- 0.6)	25.6 (- 0.1)	+ 0.5 % n/s			
	Female	6.3 (n/a)	6.8 (+ 0.5)	6.8 (+ 0.0)	7.1 (+ 0.3)	7.6 (+ 0.5)	7.8 (+ 0.3)	+ 1.4 % (p<.01)			
GA	Both	12.9 (n/a)	13.2 (+ 0.3)	12.3 (- 0.9)	13.2 (+ 0.9)	13.7 (+ 0.5)	15.0 (+ 1.3)	+ 0.9 % n/s	39	+ 2.1 (40)	+ 16.2 % (44)
	Male	22.1 (n/a)	23.1 (+ 1.0)	21.3 (- 1.8)	21.9 (+ 0.6)	22.6 (+ 0.7)	24.4 (+ 1.7)	+ 0.5 % n/s			
	Female	5.0 (n/a)	4.8 (- 0.2)	4.6 (- 0.2)	5.5 (+ 0.9)	5.8 (+ 0.3)	6.6 (+ 0.8)	+ 2.1 % (p<.05)			
HI	Both	12.9 (n/a)	11.1 (- 1.8)	10.3 (- 0.7)	14.5 (+ 4.1)	14.4 (- 0.1)	15.2 (+ 0.8)	+ 2.0 % n/s	35	+ 2.4 (35)	+ 18.3 % (38)
	Male	20.4 (n/a)	17.2 (- 3.1)	15.3 (- 1.9)	21.9 (+ 6.7)	22.5 (+ 0.5)	24.3 (+ 1.8)	+ 2.1 % n/s			
	Female	5.4 (n/a)	5.0 (- 0.4)	5.5 (+ 0.5)	7.1 (+ 1.5)	6.2 (- 0.9)	5.9 (- 0.3)	+ 1.2 % n/s			
ID	Both	17.3 (n/a)	19.2 (+ 2.0)	18.3 (- 0.9)	21.6 (+ 3.3)	21.9 (+ 0.3)	24.7 (+ 2.8)	+ 2.3 % (p<.01)	6	+ 7.5 ( 6)	+ 43.2 % ( 7)
	Male	28.4 (n/a)	33.1 (+ 4.7)	31.1 (- 2.0)	34.9 (+ 3.8)	34.7 (- 0.2)	38.0 (+ 3.3)	+ 1.6 % (p<.05)			
	Female	7.2 (n/a)	6.1 (- 1.1)	6.1 (+ 0.0)	9.0 (+ 2.9)	9.5 (+ 0.5)	11.8 (+ 2.3)	+ 4.4 % (p<.05)			
IL	Both	9.9 (n/a)	9.8 (- 0.1)	9.7 (- 0.1)	10.6 (+ 0.8)	11.2 (+ 0.6)	12.2 (+ 1.0)	+ 1.5 % (p<.05)	44	+ 2.3 (38)	+ 22.8 % (32)
	Male	17.1 (n/a)	16.7 (- 0.4)	16.2 (- 0.4)	17.6 (+ 1.4)	18.5 (+ 0.9)	19.8 (+ 1.3)	+ 1.1 % (p<.05)			
	Female	3.7 (n/a)	3.6 (- 0.0)	3.8 (+ 0.2)	4.2 (+ 0.4)	4.5 (+ 0.4)	5.2 (+ 0.6)	+ 2.4 % (p<.01)			
IN	Both	13.0 (n/a)	13.7 (+ 0.7)	14.4 (+ 0.7)	14.9 (+ 0.5)	16.4 (+ 1.4)	17.1 (+ 0.7)	+ 1.9 % (p<.01)	26	+ 4.1 (23)	+ 31.9 % (25)
	Male	22.4 (n/a)	23.2 (+ 0.8)	24.4 (+ 1.2)	24.7 (+ 0.4)	26.7 (+ 2.0)	28.3 (+ 1.6)	+ 1.5 % (p<.01)			
	Female	4.6 (n/a)	5.0 (+ 0.4)	5.3 (+ 0.2)	5.9 (+ 0.6)	6.8 (+ 0.9)	6.6 (- 0.2)	+ 2.7 % (p<.01)			

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		1999 – 2001	2002 – 2004	2005 – 2007	2008 – 2010	2011 – 2013	2014 – 2016				
IA	Both	11.8 (n/a)	13.2 (+ 1.4)	12.8 (- 0.4)	14.2 (+ 1.4)	15.9 (+ 1.7)	16.0 (+ 0.1)	+ 2.1 % (p<.01)	31	+ 4.3 (20)	+ 36.2 % (18)
	Male	20.6 (n/a)	22.1 (+ 1.5)	20.8 (- 1.4)	23.3 (+ 2.5)	26.0 (+ 2.7)	25.7 (- 0.3)	+ 1.6 % (p<.05)			
	Female	3.7 (n/a)	4.7 (+ 1.0)	5.3 (+ 0.6)	5.5 (+ 0.2)	6.1 (+ 0.6)	6.7 (+ 0.6)	+ 3.8 % (p<.01)			
KS	Both	13.3 (n/a)	15.1 (+ 1.8)	15.8 (+ 0.7)	15.3 (- 0.5)	17.7 (+ 2.4)	19.4 (+ 1.6)	+ 2.2 % (p<.01)	19	+ 6.0 (11)	+ 45.0 % ( 5)
	Male	22.7 (n/a)	25.0 (+ 2.3)	26.5 (+ 1.5)	25.6 (- 0.9)	29.1 (+ 3.5)	30.7 (+ 1.6)	+ 1.9 % (p<.01)			
	Female	4.6 (n/a)	6.0 (+ 1.4)	5.7 (- 0.3)	5.4 (- 0.3)	6.8 (+ 1.4)	8.4 (+ 1.6)	+ 3.2 % (p<.05)			
KY	Both	14.1 (n/a)	15.4 (+ 1.3)	16.7 (+ 1.3)	16.2 (- 0.5)	18.2 (+ 2.0)	19.3 (+ 1.1)	+ 1.9 % (p<.01)	20	+ 5.2 (16)	+ 36.6 % (16)
	Male	25.0 (n/a)	26.8 (+ 1.9)	28.3 (+ 1.4)	27.2 (- 1.0)	30.1 (+ 2.9)	31.7 (+ 1.6)	+ 1.4 % (p<.01)			
	Female	4.8 (n/a)	5.2 (+ 0.4)	6.1 (+ 0.8)	6.1 (+ 0.1)	7.1 (+ 0.9)	7.7 (+ 0.6)	+ 3.2 % (p<.01)			
LA	Both	13.1 (n/a)	12.9 (- 0.2)	13.4 (+ 0.4)	13.6 (+ 0.3)	14.4 (+ 0.8)	17.0 (+ 2.5)	+ 1.6 % (p<.05)	27	+ 3.8 (27)	+ 29.3 % (26)
	Male	22.9 (n/a)	22.3 (- 0.6)	22.4 (+ 0.1)	23.3 (+ 0.8)	23.7 (+ 0.5)	27.3 (+ 3.6)	+ 1.1 % n/s			
	Female	4.8 (n/a)	4.7 (- 0.1)	5.2 (+ 0.5)	4.9 (- 0.2)	6.1 (+ 1.2)	7.5 (+ 1.4)	+ 2.8 % (p<.05)			
ME	Both	14.5 (n/a)	13.6 (- 0.9)	14.4 (+ 0.8)	15.4 (+ 1.0)	18.9 (+ 3.5)	18.5 (- 0.4)	+ 2.2 % (p<.05)	21	+ 4.0 (25)	+ 27.4 % (29)
	Male	25.0 (n/a)	22.9 (- 2.1)	24.6 (+ 1.7)	25.7 (+ 1.1)	31.1 (+ 5.4)	29.8 (- 1.3)	+ 1.8 % (p<.05)			
	Female	5.3 (n/a)	5.3 (- 0.0)	5.2 (- 0.1)	6.0 (+ 0.7)	7.6 (+ 1.6)	7.9 (+ 0.3)	+ 3.1 % (p<.05)			
MD	Both	10.0 (n/a)	10.3 (+ 0.3)	10.1 (- 0.2)	10.2 (+ 0.1)	10.7 (+ 0.5)	10.8 (+ 0.1)	+ 0.5 % (p<.05)	47 §§	+ 0.8 (49 §§)	+ 8.5 % (49 §§)
	Male	17.6 (n/a)	17.8 (+ 0.1)	17.3 (- 0.5)	17.7 (+ 0.4)	18.2 (+ 0.5)	18.0 (- 0.2)	+ 0.2 % n/s			
	Female	3.5 (n/a)	3.8 (+ 0.4)	3.9 (+ 0.0)	3.7 (- 0.2)	4.1 (+ 0.4)	4.5 (+ 0.4)	+ 1.3 % (p<.05)			
MA	Both	7.4 (n/a)	7.6 (+ 0.2)	8.4 (+ 0.8)	9.3 (+ 1.0)	9.8 (+ 0.4)	10.0 (+ 0.3)	+ 2.3 % (p<.01)	48	+ 2.6 (34 ¶¶)	+ 35.3 % (20 ¶¶)
	Male	12.1 (n/a)	12.8 (+ 0.7)	13.3 (+ 0.5)	15.4 (+ 2.1)	15.2 (- 0.2)	16.0 (+ 0.8)	+ 2.0 % (p<.01)			
	Female	3.3 (n/a)	2.9 (- 0.4)	4.0 (+ 1.0)	3.8 (- 0.1)	4.8 (+ 1.0)	4.6 (- 0.2)	+ 3.0 % (p<.05)			
MI	Both	11.8 (n/a)	12.5 (+ 0.7)	12.9 (+ 0.4)	13.9 (+ 1.0)	14.5 (+ 0.7)	15.6 (+ 1.1)	+ 1.9 % (p<.01)	33	+ 3.9 (26)	+ 32.9 % (24)
	Male	20.0 (n/a)	20.9 (+ 0.9)	21.6 (+ 0.7)	22.8 (+ 1.3)	23.9 (+ 1.0)	25.0 (+ 1.2)	+ 1.5 % (p<.01)			
	Female	4.4 (n/a)	4.8 (+ 0.4)	5.0 (+ 0.2)	5.6 (+ 0.6)	5.9 (+ 0.3)	6.7 (+ 0.9)	+ 2.8 % (p<.01)			

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		1999 – 2001	2002 – 2004	2005 – 2007	2008 – 2010	2011 – 2013	2014 – 2016				
MN	Both	10.7 (n/a)	11.5 (+ 0.9)	12.4 (+ 0.8)	12.9 (+ 0.5)	14.2 (+ 1.3)	15.0 (+ 0.9)	+ 2.3 % (p<.01)	38	+ 4.3 (19)	+ 40.6 % ( 8)
	Male	18.3 (n/a)	19.3 (+ 1.1)	20.4 (+ 1.0)	20.9 (+ 0.6)	22.9 (+ 1.9)	23.3 (+ 0.4)	+ 1.7 % (p<.01)			
	Female	3.6 (n/a)	4.2 (+ 0.6)	4.8 (+ 0.6)	5.1 (+ 0.4)	5.8 (+ 0.6)	6.9 (+ 1.2)	+ 4.2 % (p<.01)			
MS	Both	12.9 (n/a)	14.1 (+ 1.2)	14.7 (+ 0.6)	15.5 (+ 0.8)	15.6 (+ 0.1)	15.2 (- 0.3)	+ 1.1 % (p<.05)	36	+ 2.3 (36)	+ 17.8 % (40)
	Male	22.9 (n/a)	24.6 (+ 1.7)	25.1 (+ 0.6)	26.8 (+ 1.7)	25.9 (- 0.9)	25.3 (- 0.6)	+ 0.7 % n/s			
	Female	4.3 (n/a)	5.0 (+ 0.7)	5.5 (+ 0.5)	5.5 (- 0.0)	6.4 (+ 0.9)	6.2 (- 0.2)	+ 2.4 % (p<.01)			
MO	Both	14.7 (n/a)	14.1 (- 0.6)	15.4 (+ 1.3)	16.0 (+ 0.7)	17.8 (+ 1.7)	20.0 (+ 2.3)	+ 2.2 % (p<.01)	16	+ 5.3 (15)	+ 36.4 % (17)
	Male	25.3 (n/a)	23.7 (- 1.6)	25.6 (+ 1.9)	26.6 (+ 1.0)	28.9 (+ 2.3)	32.2 (+ 3.3)	+ 1.8 % (p<.05)			
	Female	5.4 (n/a)	5.4 (+ 0.1)	6.1 (+ 0.7)	6.3 (+ 0.2)	7.4 (+ 1.1)	8.6 (+ 1.2)	+ 3.2 % (p<.01)			
MT	Both	21.1 (n/a)	22.6 (+ 1.4)	23.6 (+ 1.0)	24.7 (+ 1.1)	26.7 (+ 2.0)	29.2 (+ 2.5)	+ 2.1 % (p<.01)	1	+ 8.0 ( 2)	+ 38.0 % (11)
	Male	36.9 (n/a)	37.3 (+ 0.4)	39.8 (+ 2.5)	39.7 (- 0.1)	41.0 (+ 1.4)	45.5 (+ 4.4)	+ 1.3 % (p<.01)			
	Female	6.7 (n/a)	8.4 (+ 1.8)	8.4 (- 0.1)	10.0 (+ 1.6)	12.6 (+ 2.6)	13.1 (+ 0.5)	+ 4.6 % (p<.01)			
NE	Both	12.7 (n/a)	12.2 (- 0.5)	12.6 (+ 0.4)	11.7 (- 0.8)	13.5 (+ 1.8)	14.8 (+ 1.3)	+ 1.0 % n/s	40	+ 2.1 (42)	+ 16.2 % (43)
	Male	22.2 (n/a)	20.7 (- 1.5)	20.3 (- 0.4)	19.8 (- 0.5)	22.0 (+ 2.2)	23.9 (+ 1.9)	+ 0.6 % n/s			
	Female	3.8 (n/a)	4.2 (+ 0.4)	5.1 (+ 0.9)	4.0 (- 1.1)	5.5 (+ 1.4)	5.8 (+ 0.3)	+ 2.6 % n/s			
NV	Both	23.3 (n/a)	22.6 (- 0.6)	22.1 (- 0.5)	22.6 (+ 0.5)	21.4 (- 1.2)	23.1 (+ 1.6)	- 0.2 % n/s	9	- 0.2 (51)	- 1.0 % (51)
	Male	38.3 (n/a)	36.7 (- 1.7)	35.1 (- 1.6)	35.6 (+ 0.5)	32.5 (- 3.0)	35.4 (+ 2.8)	- 0.7 % n/s			
	Female	8.9 (n/a)	9.5 (+ 0.5)	9.6 (+ 0.1)	10.0 (+ 0.4)	10.6 (+ 0.6)	11.2 (+ 0.6)	+ 1.5 % (p<.01)			
NH	Both	13.5 (n/a)	12.5 (- 1.0)	13.3 (+ 0.8)	15.2 (+ 1.9)	15.8 (+ 0.6)	20.0 (+ 4.2)	+ 2.7 % (p<.05)	17	+ 6.5 ( 8)	+ 48.3 % ( 3)
	Male	22.5 (n/a)	21.1 (- 1.4)	21.7 (+ 0.6)	24.8 (+ 3.1)	25.4 (+ 0.6)	30.6 (+ 5.2)	+ 2.2 % (p<.05)			
	Female	5.3 (n/a)	4.8 (- 0.5)	5.9 (+ 1.0)	6.2 (+ 0.4)	6.6 (+ 0.4)	9.8 (+ 3.2)	+ 3.9 % (p<.05)			
NJ	Both	7.8 (n/a)	7.7 (- 0.1)	7.5 (- 0.2)	8.0 (+ 0.5)	8.9 (+ 0.9)	9.2 (+ 0.4)	+ 1.3 % (p<.05)	50	+ 1.5 (47)	+ 19.2 % (35)
	Male	13.0 (n/a)	13.1 (+ 0.0)	12.6 (- 0.5)	13.7 (+ 1.1)	14.5 (+ 0.8)	14.6 (+ 0.1)	+ 0.9 % (p<.05)			
	Female	3.2 (n/a)	2.9 (- 0.3)	3.0 (+ 0.0)	2.9 (- 0.1)	3.8 (+ 0.9)	4.4 (+ 0.6)	+ 2.3 % n/s			

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NM	Both	22.0 (n/a)	22.0 (- 0.1)	21.8 (- 0.2)	23.0 (+ 1.2)	24.1 (+ 1.1)	26.0 (+ 1.9)	+ 1.1 % (p<.05)	4	+ 4.0 (24)	+ 18.3 % (39)
	Male	36.8 (n/a)	37.7 (+ 0.9)	36.4 (- 1.2)	35.8 (- 0.6)	37.1 (+ 1.3)	40.7 (+ 3.6)	+ 0.4 % n/s			
	Female	8.5 (n/a)	7.4 (- 1.1)	8.2 (+ 0.7)	10.7 (+ 2.6)	11.7 (+ 0.9)	12.0 (+ 0.3)	+ 3.3 % (p<.05)			
NY	Both	7.2 (n/a)	7.1 (- 0.1)	7.7 (+ 0.6)	8.4 (+ 0.8)	9.5 (+ 1.1)	9.3 (- 0.1)	+ 2.1 % (p<.01)	49	+ 2.1 (41)	+ 28.8 % (27)
	Male	12.5 (n/a)	12.2 (- 0.3)	12.9 (+ 0.7)	13.9 (+ 1.0)	15.4 (+ 1.4)	14.5 (- 0.9)	+ 1.4 % (p<.05)			
	Female	2.7 (n/a)	2.6 (- 0.1)	3.0 (+ 0.3)	3.5 (+ 0.5)	4.2 (+ 0.7)	4.6 (+ 0.5)	+ 4.2 % (p<.01)			
NC	Both	13.6 (n/a)	13.5 (- 0.1)	13.7 (+ 0.1)	14.2 (+ 0.5)	14.5 (+ 0.4)	15.3 (+ 0.8)	+ 0.8 % (p<.01)	34	+ 1.7 (44)	+ 12.7 % (47)
	Male	22.7 (n/a)	22.7 (+ 0.0)	22.2 (- 0.6)	23.3 (+ 1.1)	23.3 (+ 0.0)	23.9 (+ 0.6)	+ 0.4 % n/s			
	Female	5.6 (n/a)	5.5 (- 0.2)	6.2 (+ 0.8)	6.0 (- 0.2)	6.7 (+ 0.7)	7.6 (+ 0.9)	+ 2.0 % (p<.05)			
ND	Both	13.3 (n/a)	14.6 (+ 1.3)	16.0 (+ 1.4)	16.6 (+ 0.6)	18.4 (+ 1.9)	20.9 (+ 2.5)	+ 2.9 % (p<.01)	14	+ 7.6 ( 5)	+ 57.6 % ( 1)
	Male	21.4 (n/a)	24.6 (+ 3.2)	28.0 (+ 3.4)	27.1 (- 0.9)	29.6 (+ 2.5)	32.7 (+ 3.0)	+ 2.5 % (p<.01)			
	Female	5.6 (n/a)	4.5 (- 1.0)	3.7 (- 0.8)	5.7 (+ 2.0)	6.7 (+ 1.0)	8.5 (+ 1.8)	+ 3.9 % n/s			
OH	Both	11.6 (n/a)	12.3 (+ 0.8)	13.1 (+ 0.8)	13.4 (+ 0.2)	14.8 (+ 1.4)	15.8 (+ 1.0)	+ 2.0 % (p<.01)	32	+ 4.2 (21)	+ 36.0 % (19)
	Male	20.4 (n/a)	20.9 (+ 0.5)	22.2 (+ 1.3)	22.1 (- 0.1)	24.2 (+ 2.1)	25.5 (+ 1.3)	+ 1.5 % (p<.01)			
	Female	4.0 (n/a)	4.7 (+ 0.7)	4.9 (+ 0.1)	5.3 (+ 0.5)	6.2 (+ 0.9)	6.7 (+ 0.6)	+ 3.4 % (p<.01)			
OK	Both	17.0 (n/a)	16.5 (- 0.6)	17.2 (+ 0.8)	18.4 (+ 1.1)	20.7 (+ 2.3)	23.5 (+ 2.8)	+ 2.3 % (p<.05)	7	+ 6.4 (10)	+ 37.6 % (12)
	Male	28.5 (n/a)	27.3 (- 1.2)	27.8 (+ 0.5)	30.3 (+ 2.5)	33.4 (+ 3.1)	37.3 (+ 3.8)	+ 2.0 % (p<.05)			
	Female	6.6 (n/a)	6.4 (- 0.2)	7.5 (+ 1.1)	7.0 (- 0.5)	8.5 (+ 1.6)	10.3 (+ 1.8)	+ 2.9 % (p<.05)			
OR	Both	16.4 (n/a)	17.7 (+ 1.3)	17.7 (- 0.0)	18.6 (+ 0.9)	19.8 (+ 1.2)	21.1 (+ 1.3)	+ 1.6 % (p<.01)	13	+ 4.6 (18)	+ 28.2 % (28)
	Male	27.4 (n/a)	29.5 (+ 2.1)	28.5 (- 0.9)	29.5 (+ 1.0)	31.4 (+ 1.8)	33.0 (+ 1.6)	+ 1.1 % (p<.01)			
	Female	6.5 (n/a)	7.1 (+ 0.6)	7.7 (+ 0.6)	8.4 (+ 0.7)	8.8 (+ 0.4)	9.8 (+ 0.9)	+ 2.7 % (p<.01)			
PA	Both	12.1 (n/a)	12.5 (+ 0.4)	12.8 (+ 0.3)	13.9 (+ 1.1)	15.0 (+ 1.1)	16.3 (+ 1.2)	+ 2.0 % (p<.01)	30	+ 4.1 (22)	+ 34.3 % (21)
	Male	21.0 (n/a)	21.3 (+ 0.3)	21.9 (+ 0.6)	23.1 (+ 1.2)	24.7 (+ 1.7)	26.1 (+ 1.3)	+ 1.5 % (p<.01)			
	Female	4.2 (n/a)	4.6 (+ 0.3)	4.6 (+ 0.0)	5.4 (+ 0.9)	6.0 (+ 0.6)	7.1 (+ 1.1)	+ 3.5 % (p<.01)			

**Supplementary Table. Trends in Suicide Rates among Persons ≥ 10 Years of Age, by State and Sex, National Vital Statistics System, 1999 – 2016**

State	Sex	Age-Adjusted Annual Rate per 100,000 Persons (Change from Prior Period) *						Modeled AAPC †	Current State Rank §	Overall Rate Change (State Rank) ¶	Overall Percent Change (State Rank) **
		1999 – 2001	2002 – 2004	2005 – 2007	2008 – 2010	2011 – 2013	2014 – 2016				
RI	Both	9.4 (n/a)	9.0 (- 0.3)	9.0 (- 0.0)	12.8 (+ 3.8)	11.9 (- 0.9)	12.6 (+ 0.7)	+ 2.6 % (p<.05)	43	+ 3.2 (30 ¶¶)	+ 34.1 % (23 ¶¶)
	Male	15.4 (n/a)	15.2 (- 0.2)	14.8 (- 0.3)	21.2 (+ 6.4)	19.2 (- 2.0)	19.6 (+ 0.4)	+ 2.2 % n/s			
	Female	4.0 (n/a)	3.3 (- 0.7)	3.8 (+ 0.4)	5.1 (+ 1.3)	5.1 (+ 0.0)	6.1 (+ 1.0)	+ 3.7 % (p<.05)			
SC	Both	12.8 (n/a)	13.0 (+ 0.2)	13.7 (+ 0.7)	14.9 (+ 1.2)	16.0 (+ 1.1)	17.7 (+ 1.7)	+ 2.3 % (p<.01)	23	+ 4.9 (17)	+ 38.3 % (10)
	Male	21.3 (n/a)	22.5 (+ 1.2)	22.3 (- 0.1)	24.6 (+ 2.2)	26.1 (+ 1.5)	28.0 (+ 1.9)	+ 1.8 % (p<.01)			
	Female	5.4 (n/a)	4.7 (- 0.7)	6.0 (+ 1.3)	6.2 (+ 0.2)	7.0 (+ 0.8)	8.4 (+ 1.4)	+ 3.4 % (p<.05)			
SD	Both	15.7 (n/a)	15.8 (+ 0.1)	17.1 (+ 1.3)	19.3 (+ 2.2)	19.7 (+ 0.4)	22.6 (+ 2.9)	+ 2.5 % (p<.01)	10	+ 7.0 ( 7)	+ 44.5 % ( 6)
	Male	27.6 (n/a)	26.3 (- 1.3)	27.9 (+ 1.6)	30.1 (+ 2.2)	32.0 (+ 1.9)	33.6 (+ 1.6)	+ 1.6 % (p<.01)			
	Female	4.2 (n/a)	5.8 (+ 1.6)	6.4 (+ 0.6)	8.3 (+ 2.0)	7.3 (- 1.0)	11.3 (+ 4.0)	+ 5.8 % (p<.01)			
TN	Both	14.6 (n/a)	15.2 (+ 0.6)	16.1 (+ 0.8)	17.2 (+ 1.1)	17.2 (+ 0.0)	18.2 (+ 1.0)	+ 1.4 % (p<.01)	22	+ 3.5 (28)	+ 24.2 % (31)
	Male	25.1 (n/a)	25.4 (+ 0.3)	26.8 (+ 1.3)	28.0 (+ 1.2)	28.6 (+ 0.6)	29.8 (+ 1.2)	+ 1.2 % (p<.01)			
	Female	5.4 (n/a)	6.3 (+ 0.9)	6.7 (+ 0.4)	7.5 (+ 0.8)	6.9 (- 0.6)	7.6 (+ 0.7)	+ 1.9 % (p<.05)			
TX	Both	12.2 (n/a)	12.7 (+ 0.6)	12.3 (- 0.4)	13.2 (+ 0.9)	13.6 (+ 0.3)	14.5 (+ 0.9)	+ 1.1 % (p<.01)	41	+ 2.3 (37)	+ 18.9 % (36)
	Male	20.4 (n/a)	20.9 (+ 0.5)	20.4 (- 0.6)	22.0 (+ 1.6)	22.2 (+ 0.3)	23.1 (+ 0.9)	+ 0.9 % (p<.05)			
	Female	4.8 (n/a)	5.4 (+ 0.6)	5.0 (- 0.4)	5.2 (+ 0.2)	5.6 (+ 0.4)	6.4 (+ 0.8)	+ 1.6 % (p<.05)			
UT	Both	17.2 (n/a)	19.0 (+ 1.8)	18.2 (- 0.7)	20.2 (+ 2.0)	24.0 (+ 3.8)	25.2 (+ 1.2)	+ 2.7 % (p<.01)	5	+ 8.0 ( 3 ¶¶)	+ 46.5 % ( 4 ¶¶)
	Male	28.2 (n/a)	31.1 (+ 2.9)	29.4 (- 1.7)	32.1 (+ 2.7)	37.8 (+ 5.7)	38.0 (+ 0.2)	+ 2.1 % (p<.05)			
	Female	6.8 (n/a)	7.4 (+ 0.6)	7.5 (+ 0.1)	8.5 (+ 1.0)	10.6 (+ 2.1)	12.6 (+ 2.0)	+ 4.4 % (p<.01)			
VT	Both	13.2 (n/a)	16.2 (+ 3.0)	14.9 (- 1.3)	16.6 (+ 1.7)	18.7 (+ 2.1)	19.7 (+ 1.0)	+ 2.4 % (p<.01)	18	+ 6.4 ( 9)	+ 48.6 % ( 2)
	Male	23.6 (n/a)	28.3 (+ 4.6)	24.3 (- 4.0)	27.3 (+ 3.0)	31.0 (+ 3.7)	32.5 (+ 1.5)	+ 1.9 % (p<.05)			
	Female	4.3 (n/a)	5.2 (+ 0.9)	6.4 (+ 1.3)	6.6 (+ 0.2)	7.3 (+ 0.7)	7.6 (+ 0.3)	+ 3.8 % (p<.01)			
VA	Both	12.8 (n/a)	12.7 (- 0.1)	12.9 (+ 0.3)	13.6 (+ 0.7)	14.6 (+ 0.9)	15.0 (+ 0.5)	+ 1.2 % (p<.01)	37	+ 2.2 (39)	+ 17.4 % (41)
	Male	21.6 (n/a)	21.3 (- 0.2)	21.0 (- 0.4)	22.5 (+ 1.5)	23.6 (+ 1.2)	23.9 (+ 0.2)	+ 0.9 % (p<.05)			
	Female	5.3 (n/a)	5.2 (- 0.1)	5.9 (+ 0.7)	5.6 (- 0.3)	6.4 (+ 0.8)	6.9 (+ 0.5)	+ 1.8 % (p<.05)			

**Supplementary Table. Trends in Suicide Rates among Persons ≥ 10 Years of Age, by State and Sex, National Vital Statistics System, 1999 – 2016**

State	Sex	Age-Adjusted Annual Rate per 100,000 Persons (Change from Prior Period) *						Modeled AAPC †	Current State Rank §	Overall Rate Change (State Rank) ¶	Overall Percent Change (State Rank) **
		1999 – 2001	2002 – 2004	2005 – 2007	2008 – 2010	2011 – 2013	2014 – 2016				
WA	Both	14.8 (n/a)	15.4 (+ 0.5)	14.8 (- 0.6)	15.7 (+ 0.9)	16.6 (+ 0.9)	17.6 (+ 1.0)	+ 1.1 % (p<.05)	24	+ 2.8 (33)	+ 18.8 % (37)
	Male	24.7 (n/a)	25.2 (+ 0.5)	24.1 (- 1.1)	25.1 (+ 1.0)	26.0 (+ 0.9)	27.1 (+ 1.1)	+ 0.6 % n/s			
	Female	5.9 (n/a)	6.4 (+ 0.6)	6.2 (- 0.2)	6.9 (+ 0.7)	7.7 (+ 0.8)	8.5 (+ 0.8)	+ 2.5 % (p<.01)			
WV	Both	15.6 (n/a)	17.2 (+ 1.6)	16.7 (- 0.5)	16.0 (- 0.7)	19.2 (+ 3.2)	21.4 (+ 2.2)	+ 1.8 % n/s	11	+ 5.8 (13)	+ 37.1 % (14)
	Male	27.2 (n/a)	30.1 (+ 2.9)	28.6 (- 1.5)	27.6 (- 1.0)	31.5 (+ 3.9)	33.5 (+ 2.0)	+ 1.1 % n/s			
	Female	5.3 (n/a)	5.5 (+ 0.1)	5.8 (+ 0.3)	5.3 (- 0.5)	7.6 (+ 2.3)	9.8 (+ 2.2)	+ 3.7 % n/s			
WI	Both	13.1 (n/a)	13.5 (+ 0.4)	14.0 (+ 0.5)	15.0 (+ 1.0)	15.3 (+ 0.3)	16.5 (+ 1.2)	+ 1.5 % (p<.01)	28	+ 3.4 (29)	+ 25.8 % (30)
	Male	21.7 (n/a)	22.2 (+ 0.5)	22.7 (+ 0.5)	24.0 (+ 1.2)	24.4 (+ 0.4)	25.7 (+ 1.3)	+ 1.1 % (p<.01)			
	Female	5.1 (n/a)	5.3 (+ 0.2)	5.6 (+ 0.4)	6.4 (+ 0.7)	6.5 (+ 0.1)	7.5 (+ 1.0)	+ 2.5 % (p<.01)			
WY	Both	20.7 (n/a)	23.4 (+ 2.7)	22.5 (- 0.9)	25.4 (+ 2.8)	28.9 (+ 3.5)	28.8 (- 0.1)	+ 2.3 % (p<.01)	3	+ 8.1 ( 1)	+ 39.0 % ( 9)
	Male	34.8 (n/a)	39.3 (+ 4.5)	36.3 (- 3.0)	41.5 (+ 5.2)	47.1 (+ 5.6)	44.6 (- 2.4)	+ 1.8 % (p<.05)			
	Female	7.7 (n/a)	8.2 (+ 0.6)	9.2 (+ 0.9)	9.4 (+ 0.2)	10.7 (+ 1.4)	12.6 (+ 1.9)	+ 3.2 % (p<.01)			

\* Rates are age-adjusted to the U.S. year 2000 standard.

† Model-estimated average annual percentage change (AAPC) based on all reporting periods; p-value indicates statistical significance of trend; n/s indicates trend not significant.

§ Current state rank (50 states and the District of Columbia) is for the reporting period 2014 – 2016. Ranks are from highest rate (1) to lowest rate (51). Different ranks do not necessarily imply a statistically significant difference.

¶ Overall rate change is between the first (1999 – 2001) and last (2014 – 2016) reporting periods. Ranks are from largest increase (1) to largest decrease (51). Different ranks do not necessarily imply a statistically significant difference.

\*\* Overall percent change in rates is between the first (1999 – 2001) and last (2014 – 2016) reporting periods. Ranks are from largest percentage increase (1) to largest percentage decrease (51). Different ranks do not necessarily imply a statistically significant difference.

†† Rate based on < 20 suicides.

§§ Percentage of injury deaths for which intent was not determined exceeded 20% for both the first and last periods and might have contributed to lower reported rates.

¶¶ Percentage of injury deaths for which intent was not determined declined notably between the first and last periods and might have contributed to the reported rate increase.

State Abbreviations: AL Alabama; AK Alaska; AZ Arizona; AR Arkansas; CA California; CO Colorado; CT Connecticut; DE Delaware; DC District of Columbia; FL Florida; GA Georgia; HI Hawaii; ID Idaho; IL Illinois; IN Indiana; IA Iowa; KS Kansas; KY Kentucky; LA Louisiana; ME Maine; MD Maryland; MA Massachusetts; MI Michigan; MN Minnesota; MS Mississippi; MO Missouri; MT Montana; NE Nebraska; NV Nevada; NH New Hampshire; NJ New Jersey; NM New Mexico; NY New York; NC North Carolina; ND North Dakota; OH Ohio; OK Oklahoma; OR Oregon; PA Pennsylvania; RI Rhode Island; SC South Carolina; SD South Dakota; TN Tennessee; TX Texas; UT Utah; VT Vermont; VA Virginia; WA Washington; WV West Virginia; WI Wisconsin; WY Wyoming.