



Data Brief

Marijuana use by 12th graders

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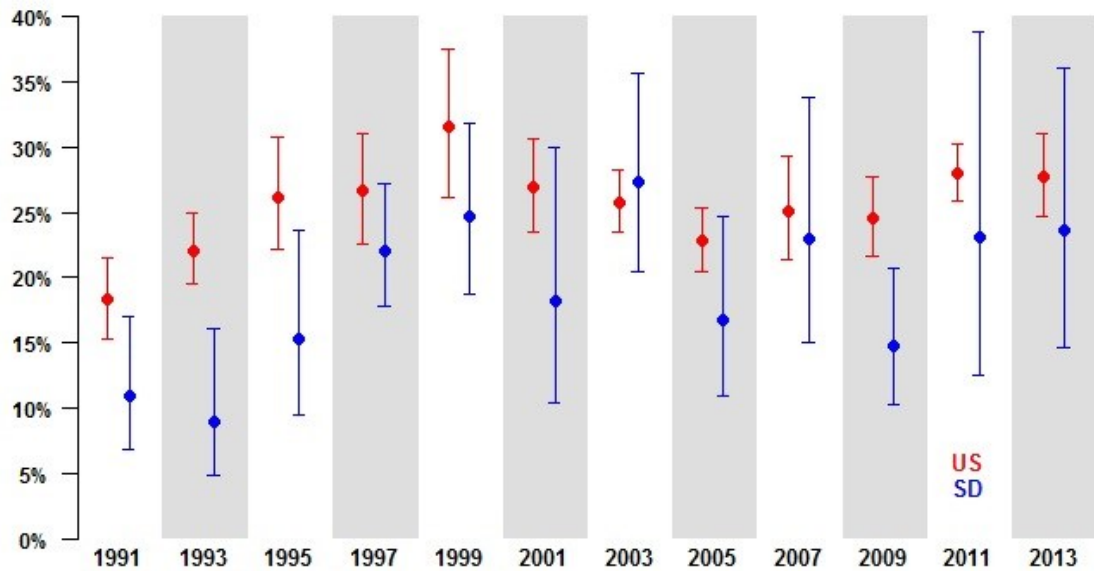
12th grade marijuana use increases in SD and US from 1991 to 2013

Reported use of marijuana by 12 graders in the prior 30 days increased from 1991 to 1999 for both SD and US students. Confidence intervals for US and SD have had significant overlap since 1997 with the exception of 2009. Estimated values for SD usage remained lower than the US except in 2003. A *p*-value close measures the significant difference between samples. Recent data suggests that marijuana use among 12th graders is becoming more like their US cohort. 2013 data shows marijuana usage rates slightly elevated from the year before, however, the SD rate (23.7%) remains 4% lower than the US (27.7%).

Reported Marijuana use by 12 graders from 1991 to 2013, South Dakota and United States
95% confidence interval in percent

	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013
South Dakota	10.9%	8.9%	15.2%	22%	24.7%	18.1%	27.3%	16.7%	23%	14.7%	23.1%	23.7%
United States	18.2%	22%	26.2%	26.6%	31.5%	26.9%	25.8%	22.8%	25.1%	24.6%	28%	27.7%
p-value	0.01	~0.0	0.01	0.14	0.11	0.09	0.67	0.09	0.67	~0.0	0.46	0.46

Reported Marijuana use by 12 graders from 1991 to 2013, South Dakota and United States
Graph includes 95% confidence interval ranges



Source: "South Dakota 2013 Results." *CDC-Youth Online-High School YRBS*. N.p., n.d. Web. 15 July 2014.
<http://nccd.cdc.gov/YouthOnline/App/Results.aspx?LID=SD>.

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