

Supplemental Table 3. Analysis of Diabetes Prevalence Trends Based on One Diabetes Diagnosis Code^a, Overall and by Subgroups, American Indian and Alaska Native Adults Aged 18 Years and Older in the Indian Health Service Active Clinical Population, 2006-2017

Subgroup	Trend 1			Trend 2/3		
	Period ^c	APC (95% CI)	P Value	Period ^b	APC (95% CI)	P Value
Overall	2006-2009	0.5 (-0.2, 1.3)	0.13	2009-2013	1.4 (0.6,2.1)	<0.01
				2013-2017	-0.6 (-1.1,-0.1)	0.02
Age group, years						
18-44	2006-2013	1.1 (0.8,1.4)	<0.01	2013-2017	-1.5 (-2.3,-0.7)	<0.01
45-64	2006-2009	-0.1 (-1.1,1.0)	0.9	2009-2013	1.4 (0.3,2.4)	0.02
				2013-2017	-0.3 (-1.0,0.3)	0.22
65-74	2006-2013	0.9 (0.8,1.1)	<0.01	2013-2017	-0.9 (-1.3,-0.6)	<0.01
75+	2006-2013	1.7 (1.5,2.0)	<0.01	2013-2017	0.0 (-0.6,0.6)	1.00
Sex						
Female	2006-2009	0.2 (-0.5,0.9)	0.44	2009-2013	1.2 (0.5,2.0)	0.01
				2013-2017	-0.7 (-1.2,-0.3)	0.01
Male	2006-2010	1.1 (0.7,1.4)	<0.01	2010-2013	1.7 (0.6,2.9)	0.01
				2013-2017	-0.6 (-1.0,-0.2)	0.02
IHS Region^b						
Alaska	2006-2015	1.4 (0.9, 1.9)	<0.01	2015-2017	-1.3 (-5.0, 2.5)	0.44
California	2006-2008	2.3 (0.1, 4.5)	0.04	2008-2017	-1.1 (-1.3,-0.9)	<0.01
Northwest	2006-2011	2.1 (0.8, 3.4)	<0.01	2011-2017	-1.3 (-2.3, -0.4)	0.01
SW Sub-region 1	2006-2009	1.3 (-0.1, 2.6)	0.06	2009-2012	2.5 (0.4, 4.7)	0.03
				2012-2017	5 (0.6, 1.)	<0.01
SW Sub-region 2	2006-2013	1.0 (0.7, 1.3)	<0.01	2013-2017	-1.4 (-1.9, -0.8)	<0.01
Southern Plains	2006-2013	1.6 (1.3, 2.0)	<0.01	2013-2017	0.1 (-0.5, 0.8)	0.65
Northern Plains	2006-2013	1.0 (0.6, 1.4)	<0.01	2013-2017	-1.3 (-2.1, -0.4)	0.01

Subgroup	Trend 1			Trend 2/3		
	Period ^c	APC (95% CI)	P Value	Period ^b	APC (95% CI)	P Value
Great Lakes	2006-2011	-1.9 (-3.3, -0.5)	0.02	2011-2015	0.6 (-2.4, 3.8)	0.60
				2015-2017	-3.7 (-9.2, 2.2)	0.16
East	2006-2017	0.2 (-0.4, 0.8)	0.41	-	-	-

Note. Data are from the Indian Health Service (IHS) National Data Warehouse.

APC, Annual Percentage Change

^aEstimates Overall and for Sex and IHS Region are age-adjusted.

^bSee Supplemental Figure for a map of the IHS regions.

^cPeriod in Fiscal Years, defined by joinpoint trend segments.