

# **Long-term Trends in Diabetes**

**April 2016**

CDC's Division of Diabetes Translation. United States  
Diabetes Surveillance System available at  
<http://www.cdc.gov/diabetes/data>

This slide shows the trend in diagnosed diabetes in the United States from 1958 through 2014. The prevalence of diagnosed diabetes increased from 0.93% in 1958 to 7.02% in 2014. In 2014, 21.9 million people had diagnosed diabetes, compared to only 1.6 million in 1958. How the trend has changed was described in detail elsewhere<sup>1</sup>.

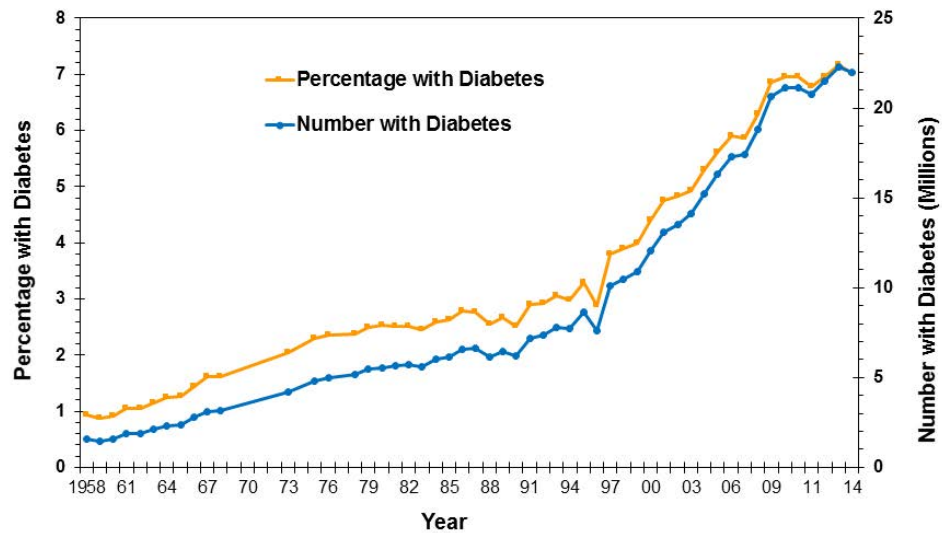
### **Data Source and Methodology**

Number and percentage of the U.S. population with diagnosed diabetes were obtained from the National Health Interview Survey (NHIS, available at <http://www.cdc.gov/nchs/nhis.htm>) of the National Center for Health Statistics (NCHS), Centers for Disease Control and Prevention (CDC). Conducted continuously since 1957, the NHIS is a health survey of the civilian, noninstitutionalized population of the United States. The survey provides information on the health of the United States population, including information on the prevalence and incidence of disease, the extent of disability, and the use of health care services. The multistage probability design of the survey has been described elsewhere.<sup>2,3,4</sup> Estimates for years 1958–1979 were obtained from published data,<sup>5</sup> and estimates from 1980 forward were derived directly from the NHIS survey data. Because diabetes questions were not included in the survey for some years before 1980, the estimates were missing for these years.

#### References:

1. Geiss LS, Wang J, Cheng YJ, Thompson TJ, Barker L; Li Y, Albright AL, Gregg EW. Prevalence and incidence trends for diagnosed diabetes among adults aged 20 to 79 years, United States, 1980–2012. *JAMA* 2014; 312:1218–1226.
2. Massey JT, Moore TF, Parsons VL, Tadros W. Design and estimation for the National Health Interview Survey, 1985–1994. Hyattsville, MD: National Center for Health Statistics. *Vital and Health Statistics* 1989;2(110).
3. Botman SL, Moore TF, Moriarity CL, Parsons VL. Design and estimation for the National Health Interview Survey, 1995–2004. National Center for Health Statistics. *Vital and Health Statistics* 2000;2(130).
4. Parsons VL, Moriarity C, Jonas K, et al. Design and estimation for the National Health Interview Survey, 2006–2015. National Center for Health Statistics. *Vital Health Stat Vital and Health Statistics* 2014; 2(165).
5. Harris MI: Prevalence of noninsulin-dependent diabetes and impaired glucose tolerance. Chapter VI In: *Diabetes in America*, Harris MI, Hamman RF, eds. NIH publ. no. 85-1468, 1985.

## Number and Percentage of U.S. Population with Diagnosed Diabetes, 1958-2014



CDC's Division of Diabetes Translation. United States Diabetes Surveillance System  
available at <http://www.cdc.gov/diabetes/data>



### Data for the Graph

#### Number and Percentage of U.S. Population with Diagnosed Diabetes 1958–2014

Year	Percentage	Number (in millions)
1958	0.93	1.58
1959	0.87	1.49
1960	0.91	1.59
1961	1.05	1.87
1962	1.06	1.91
1963	1.15	2.10
1964	1.24	2.31

<http://www.cdc.gov/diabetes/data>

1965	1.27	2.39
1966	1.45	2.77
1967	1.61	3.09
1968	1.62	3.18
1969	–	–
1970	–	–
1971	–	–
1972	–	–
1973	2.04	4.19
1974	–	–
1975	2.29	4.78
1976	2.36	4.97
1977	–	–
1978	2.37	5.19
1979	2.49	5.47
1980	2.54	5.53
1981	2.51	5.65
1982	2.52	5.73
1983	2.45	5.61
1984	2.59	6.00
1985	2.62	6.13
1986	2.78	6.56
1987	2.77	6.61

1988	2.56	6.16
1989	2.66	6.47
1990	2.52	6.21
1991	2.90	7.21
1992	2.93	7.37
1993	3.06	7.78
1994	2.98	7.74
1995	3.30	8.66
1996	2.89	7.63
1997	3.80	10.11
1998	3.90	10.48
1999	4.00	10.87
2000	4.40	12.05
2001	4.75	13.11
2002	4.84	13.49
2003	4.93	14.10
2004	5.29	15.24
2005	5.61	16.32
2006	5.90	17.32
2007	5.86	17.40
2008	6.29	18.81
2009	6.86	20.67
2010	6.95	21.13

2011	6.78	20.74
2012	6.96	21.47
2013	7.18	22.30
2014	7.02	21.95

Note: Data not available.