

Table 18 (page 1 of 4). Years of potential life lost before age 75 for selected causes of death, by sex, race, and Hispanic origin: United States, selected years 1980–2015

Excel and PDF versions (with more data years and standard errors when available): <http://www.cdc.gov/nchs/hus/contents2016.htm#018>.

[Data are based on death certificates]

Sex, race, Hispanic origin, and cause of death ²	Crude	Age-adjusted ¹					
	2015 ³	1980 ²	1990 ²	2000 ³	2010 ³	2014 ³	2015 ³
All persons							
Years lost before age 75 per 100,000 population under age 75							
All causes	7,214.0	10,448.4	9,085.5	7,578.1	6,642.9	6,622.1	6,757.7
Diseases of heart	1,090.7	2,238.7	1,617.7	1,253.0	972.4	952.0	956.6
Ischemic heart disease	622.5	1,729.3	1,153.6	841.8	577.3	537.1	530.3
Cerebrovascular diseases	183.0	357.5	259.6	223.3	169.3	160.1	161.0
Malignant neoplasms	1,501.2	2,108.8	2,003.8	1,674.1	1,395.8	1,310.4	1,283.3
Trachea, bronchus, and lung	342.1	548.5	561.4	443.1	331.3	287.7	273.4
Colorectal	140.6	190.0	164.7	141.9	125.0	122.2	123.3
Prostate ⁴	59.1	84.9	96.8	63.6	52.2	47.6	46.7
Breast ⁵	272.0	463.2	451.6	332.6	262.4	245.9	241.9
Chronic lower respiratory diseases	217.1	169.1	187.4	188.1	172.4	174.1	175.9
Influenza and pneumonia	81.7	160.2	141.5	87.1	71.4	93.3	74.2
Chronic liver disease and cirrhosis	205.9	300.3	196.9	164.1	163.9	180.7	190.3
Diabetes mellitus ⁶	200.8	134.4	155.9	178.4	158.2	170.8	176.2
Alzheimer's disease	17.1	†	†	10.9	11.7	11.4	13.0
Human immunodeficiency virus (HIV) disease	50.2	...	383.8	174.6	76.6	55.0	50.4
Unintentional injuries	1,139.2	1,543.5	1,162.1	1,026.5	1,025.2	1,080.1	1,172.0
Motor vehicle-related injuries	394.4	912.9	716.4	574.3	400.6	383.0	404.9
Poisoning	510.4	68.0	81.2	163.6	379.7	465.8	531.2
Nephritis, nephrotic syndrome, and nephrosis ⁶	79.6	---	50.4	70.7	73.1	66.7	69.3
Suicide ⁷	418.7	392.0	393.1	334.5	385.2	413.6	428.6
Homicide ⁷	241.8	425.5	417.4	266.5	239.0	224.5	251.9
Male							
All causes	8,960.1	13,777.2	11,973.5	9,572.2	8,329.5	8,276.4	8,474.7
Diseases of heart	1,482.8	3,352.1	2,356.0	1,766.0	1,370.8	1,326.9	1,327.6
Ischemic heart disease	895.4	2,715.1	1,766.3	1,255.4	864.8	797.6	784.1
Cerebrovascular diseases	204.3	396.7	286.6	244.6	190.7	184.9	183.1
Malignant neoplasms	1,583.8	2,360.8	2,214.6	1,810.8	1,500.8	1,396.9	1,365.3
Trachea, bronchus, and lung	385.2	821.1	764.8	554.9	390.5	331.8	315.8
Colorectal	161.7	214.9	194.3	167.3	148.0	144.3	144.2
Prostate	59.1	84.9	96.8	63.6	52.2	47.6	46.7
Chronic lower respiratory diseases	221.5	235.1	224.8	206.0	182.8	182.8	184.5
Influenza and pneumonia	92.9	202.5	180.0	102.8	82.6	103.7	85.6
Chronic liver disease and cirrhosis	270.8	415.0	283.9	236.9	226.9	242.6	252.5
Diabetes mellitus ⁶	245.9	140.4	170.4	203.8	194.8	214.0	220.7
Alzheimer's disease	14.7	†	†	10.6	10.7	10.3	11.7
Human immunodeficiency virus (HIV) disease	72.8	...	686.2	258.9	109.5	79.0	72.7
Unintentional injuries	1,608.3	2,342.7	1,715.1	1,475.6	1,432.1	1,509.6	1,642.4
Motor vehicle-related injuries	571.5	1,359.7	1,018.4	796.4	569.2	550.4	579.7
Poisoning	697.2	96.4	123.6	242.1	503.8	623.8	722.2
Nephritis, nephrotic syndrome, and nephrosis ⁶	90.7	---	58.9	81.1	82.3	78.6	80.3
Suicide ⁷	643.4	605.6	634.8	539.1	607.0	635.1	654.2
Homicide ⁷	397.5	675.0	658.0	410.5	380.3	357.3	407.0
Female							
All causes	5,481.1	7,350.3	6,333.1	5,644.6	4,994.0	4,999.8	5,070.7
Diseases of heart	701.5	1,246.0	948.5	774.6	593.6	595.2	603.4
Ischemic heart disease	351.6	852.1	600.3	457.6	305.2	290.2	289.7
Cerebrovascular diseases	161.8	324.0	235.9	203.9	149.1	136.5	140.1
Malignant neoplasms	1,419.2	1,896.8	1,826.6	1,555.3	1,301.0	1,232.6	1,209.8
Trachea, bronchus, and lung	299.3	310.4	382.2	342.1	276.9	247.1	234.4
Colorectal	119.6	168.7	138.7	118.7	103.4	101.4	103.6
Breast	272.0	463.2	451.6	332.6	262.4	245.9	241.9
Chronic lower respiratory diseases	212.8	114.0	155.9	172.3	162.8	166.1	167.9
Influenza and pneumonia	70.7	122.0	106.2	72.3	60.7	83.4	63.1
Chronic liver disease and cirrhosis	141.6	194.5	115.1	94.5	103.5	121.5	130.6
Diabetes mellitus ⁶	156.0	128.5	142.3	154.4	123.5	129.6	133.8
Alzheimer's disease	19.5	†	†	11.1	12.6	12.5	14.1
Human immunodeficiency virus (HIV) disease	27.8	...	87.8	92.0	44.4	31.6	28.7
Unintentional injuries	673.6	755.3	607.4	573.2	616.4	647.5	698.3
Motor vehicle-related injuries	218.7	470.4	411.6	348.5	230.5	213.6	228.1
Poisoning	325.0	40.2	39.1	85.0	255.1	306.6	338.9
Nephritis, nephrotic syndrome, and nephrosis ⁶	68.7	---	42.4	60.8	64.6	55.3	58.8
Suicide ⁷	195.7	184.2	153.3	129.1	163.7	191.2	201.7
Homicide ⁷	87.3	181.3	174.3	118.9	94.9	88.7	93.1

See footnotes at end of table.

Table 18 (page 2 of 4). Years of potential life lost before age 75 for selected causes of death, by sex, race, and Hispanic origin: United States, selected years 1980–2015

Excel and PDF versions (with more data years and standard errors when available): <http://www.cdc.gov/nchs/hus/contents2016.htm#018>.

[Data are based on death certificates]

Sex, race, Hispanic origin, and cause of death ²	Crude	Age-adjusted ¹					
	2015 ³	1980 ²	1990 ²	2000 ³	2010 ³	2014 ³	2015 ³
White ⁸							
Years lost before age 75 per 100,000 population under age 75							
All causes	7,090.6	9,554.1	8,159.5	6,949.5	6,342.8	6,390.1	6,514.8
Diseases of heart	1,056.0	2,100.8	1,490.3	1,149.4	900.9	883.0	889.0
Ischemic heart disease	635.4	1,682.7	1,113.4	805.3	563.7	524.8	519.2
Cerebrovascular diseases	163.3	300.7	213.1	187.1	142.7	138.1	137.9
Malignant neoplasms	1,549.3	2,035.9	1,929.3	1,627.8	1,375.8	1,301.5	1,274.9
Trachea, bronchus, and lung	365.1	529.9	544.2	436.3	332.8	291.0	277.8
Colorectal	140.7	186.8	157.8	134.1	118.4	117.6	119.3
Prostate ⁴	55.2	74.8	86.6	54.3	45.3	41.8	40.9
Breast ⁵	263.7	460.2	441.7	315.6	245.0	230.3	226.7
Chronic lower respiratory diseases	236.7	165.4	182.3	185.3	176.1	178.7	180.1
Influenza and pneumonia	79.6	130.8	116.9	77.7	66.7	90.1	70.2
Chronic liver disease and cirrhosis	228.2	257.3	175.8	162.7	173.5	195.1	206.3
Diabetes mellitus ⁶	186.5	115.7	133.7	155.6	139.0	152.6	157.5
Alzheimer's disease	19.2	†	†	11.4	12.4	12.0	13.6
Human immunodeficiency virus (HIV) disease	27.6	...	309.0	94.7	39.9	30.2	27.3
Unintentional injuries	1,208.7	1,520.4	1,139.7	1,031.8	1,098.6	1,156.4	1,258.9
Motor vehicle-related injuries	398.5	939.9	726.7	586.1	419.0	395.9	415.4
Poisoning	578.7	64.9	74.4	167.2	435.4	534.7	610.6
Nephritis, nephrotic syndrome, and nephrosis ⁶	66.5	---	37.0	52.5	57.4	53.6	55.2
Suicide ⁷	469.3	414.5	417.7	362.0	430.8	468.3	484.7
Homicide ⁷	127.3	271.7	234.9	156.6	138.7	125.7	135.9
Black or African American ⁸							
All causes	9,764.6	17,873.4	16,593.0	12,897.1	9,832.5	9,490.6	9,702.3
Diseases of heart	1,613.8	3,619.9	2,891.8	2,275.2	1,691.1	1,638.9	1,637.9
Ischemic heart disease	737.4	2,305.1	1,676.1	1,300.1	818.8	756.5	740.4
Cerebrovascular diseases	318.0	883.2	656.4	507.0	358.1	322.3	322.9
Malignant neoplasms	1,610.4	2,946.1	2,894.8	2,294.7	1,796.7	1,651.6	1,598.8
Trachea, bronchus, and lung	328.8	776.0	811.3	593.0	405.6	340.8	318.3
Colorectal	171.3	232.3	241.8	222.4	188.6	176.5	172.9
Prostate ⁴	102.4	200.3	223.5	171.0	127.3	109.0	106.9
Breast ⁵	378.6	524.2	592.9	500.0	420.8	386.7	379.2
Chronic lower respiratory diseases	201.7	203.7	240.6	232.7	187.7	193.6	198.3
Influenza and pneumonia	114.9	384.9	330.8	161.2	109.8	130.9	114.5
Chronic liver disease and cirrhosis	121.6	644.0	371.8	185.6	120.2	120.4	122.5
Diabetes mellitus ⁶	325.5	305.3	361.5	383.4	316.4	321.4	329.6
Alzheimer's disease	12.6	†	†	8.3	10.0	11.2	13.0
Human immunodeficiency virus (HIV) disease	192.4	...	1,014.7	763.3	329.5	222.9	203.5
Unintentional injuries	1,081.0	1,751.5	1,392.7	1,152.8	896.7	986.8	1,082.6
Motor vehicle-related injuries	457.4	750.2	699.5	580.8	393.4	404.6	450.7
Poisoning	326.8	99.4	144.3	196.6	218.9	289.7	342.1
Nephritis, nephrotic syndrome, and nephrosis ⁶	172.9	---	160.9	216.9	193.2	167.1	174.6
Suicide ⁷	218.5	238.0	261.4	208.7	196.4	209.0	216.1
Homicide ⁷	942.0	1,580.8	1,612.9	941.6	821.2	785.1	907.4
American Indian or Alaska Native ⁸							
All causes	6,895.3	13,390.9	9,506.2	7,758.2	6,771.3	6,954.0	7,176.2
Diseases of heart	770.5	1,819.9	1,391.0	1,030.1	820.6	822.2	850.0
Ischemic heart disease	437.5	1,208.2	901.8	709.3	487.6	492.0	487.5
Cerebrovascular diseases	124.3	269.3	223.3	198.1	129.7	123.2	138.6
Malignant neoplasms	776.0	1,101.3	1,141.1	995.7	929.5	809.9	848.8
Trachea, bronchus, and lung	148.5	181.1	268.1	227.8	211.0	168.4	166.0
Colorectal	84.1	78.8	82.4	93.8	95.8	90.2	94.5
Prostate ⁴	28.3	66.7	42.0	44.5	36.8	39.0	32.6
Breast ⁵	119.1	205.5	213.4	174.1	145.0	110.9	129.7
Chronic lower respiratory diseases	147.0	89.3	129.0	151.8	154.5	140.5	158.2
Influenza and pneumonia	69.5	307.9	206.3	124.0	99.3	129.0	75.5
Chronic liver disease and cirrhosis	543.8	1,190.3	535.1	519.4	510.8	549.9	605.3
Diabetes mellitus ⁶	269.5	305.5	292.3	305.6	267.6	279.4	300.7
Alzheimer's disease	4.3	†	†	*	8.8	6.7	5.3
Human immunodeficiency virus (HIV) disease	33.2	...	70.1	68.4	46.1	29.5	36.2
Unintentional injuries	1,512.5	3,541.0	2,183.9	1,700.1	1,377.7	1,509.3	1,523.6
Motor vehicle-related injuries	652.8	2,102.4	1,301.5	1,032.2	570.6	605.4	638.0
Poisoning	516.1	92.9	119.5	180.1	449.6	537.8	543.5
Nephritis, nephrotic syndrome, and nephrosis ⁶	67.2	---	88.5	102.0	81.7	80.5	74.1
Suicide ⁷	513.0	515.0	495.9	403.1	437.9	437.1	497.7
Homicide ⁷	263.2	628.9	434.2	278.5	256.4	239.0	256.2

See footnotes at end of table.

Table 18 (page 3 of 4). Years of potential life lost before age 75 for selected causes of death, by sex, race, and Hispanic origin: United States, selected years 1980–2015

Excel and PDF versions (with more data years and standard errors when available): <http://www.cdc.gov/nchs/hus/contents2016.htm#018>.

[Data are based on death certificates]

Sex, race, Hispanic origin, and cause of death ²	Crude	Age-adjusted ¹					
	2015 ³	1980 ²	1990 ²	2000 ³	2010 ³	2014 ³	2015 ³
Asian or Pacific Islander ⁸							
Years lost before age 75 per 100,000 population under age 75							
All causes	3,073.6	5,378.4	4,705.2	3,811.1	3,061.2	2,954.4	3,049.7
Diseases of heart	414.8	952.8	702.2	567.9	400.1	402.1	400.6
Ischemic heart disease	249.9	697.7	486.6	381.1	250.6	239.8	240.1
Cerebrovascular diseases	133.8	266.9	233.5	199.4	148.3	121.8	129.5
Malignant neoplasms	839.1	1,218.6	1,166.4	1,033.8	874.7	799.4	809.9
Trachea, bronchus, and lung	137.1	238.2	204.7	185.8	148.2	136.5	130.5
Colorectal	84.0	115.9	105.1	91.6	87.6	79.1	80.8
Prostate ⁴	18.6	17.0	32.4	18.8	17.0	16.8	18.6
Breast ⁵	165.6	222.2	216.5	200.8	156.9	160.6	155.1
Chronic lower respiratory diseases	29.1	56.4	72.8	56.5	33.2	32.7	28.0
Influenza and pneumonia	36.5	79.3	74.0	48.6	38.4	42.8	36.1
Chronic liver disease and cirrhosis	45.5	85.6	72.4	44.8	41.7	41.6	44.0
Diabetes mellitus ⁶	78.9	83.1	74.0	77.0	69.5	73.8	75.4
Alzheimer's disease	4.4	†	†	3.5	3.2	2.6	4.3
Human immunodeficiency virus (HIV) disease	11.2	...	77.0	19.9	10.7	9.8	11.0
Unintentional injuries	336.8	742.7	636.6	425.7	303.0	307.0	328.6
Motor vehicle-related injuries	144.3	472.6	445.5	263.4	147.9	141.2	140.4
Poisoning	89.6	*	17.6	25.9	46.5	67.6	84.3
Nephritis, nephrotic syndrome, and nephrosis ⁶	33.6	---	26.7	33.6	38.1	29.1	32.3
Suicide ⁷	229.9	217.1	200.6	168.6	199.7	203.1	222.0
Homicide ⁷	61.5	201.1	205.8	113.1	68.8	59.7	60.6
Hispanic or Latino ^{8,9}							
All causes	4,452.8	---	7,963.3	6,037.6	4,795.1	4,676.8	4,750.4
Diseases of heart	474.5	---	1,082.0	821.3	598.1	567.9	578.0
Ischemic heart disease	268.9	---	756.6	564.6	366.6	334.1	339.9
Cerebrovascular diseases	116.9	---	238.0	207.8	150.4	140.2	141.1
Malignant neoplasms	752.0	---	1,232.2	1,098.2	951.2	909.3	900.6
Trachea, bronchus, and lung	74.6	---	193.7	152.1	115.0	96.8	96.9
Colorectal	75.5	---	100.2	101.4	94.0	87.4	92.4
Prostate ⁴	26.0	---	47.7	42.9	38.2	36.5	37.8
Breast ⁵	143.0	---	299.3	230.7	180.0	183.4	169.0
Chronic lower respiratory diseases	44.3	---	78.8	68.5	59.6	52.7	54.3
Influenza and pneumonia	47.9	---	130.1	76.0	57.5	79.1	54.3
Chronic liver disease and cirrhosis	182.7	---	329.1	252.1	201.6	216.4	219.2
Diabetes mellitus ⁶	130.9	---	177.8	215.6	158.5	160.9	163.1
Alzheimer's disease	6.8	---	†	6.9	8.4	8.9	10.2
Human immunodeficiency virus (HIV) disease	41.6	...	600.1	209.4	74.9	49.5	47.0
Unintentional injuries	827.8	---	1,190.6	920.1	708.7	740.1	808.7
Motor vehicle-related injuries	392.1	---	740.8	540.2	340.3	348.3	370.7
Poisoning	263.2	---	121.9	145.9	191.2	234.1	269.1
Nephritis, nephrotic syndrome, and nephrosis ⁶	49.0	---	54.4	62.0	67.7	56.3	60.1
Suicide ⁷	221.6	---	256.2	188.5	193.6	214.3	215.4
Homicide ⁷	229.1	---	720.8	335.1	238.0	197.6	213.5
White, not Hispanic or Latino ⁹							
All causes	7,661.5	---	8,022.5	6,960.5	6,545.3	6,659.4	6,799.9
Diseases of heart	1,193.0	---	1,504.0	1,175.1	943.2	932.4	939.2
Ischemic heart disease	721.6	---	1,127.2	824.7	590.8	553.6	546.4
Cerebrovascular diseases	172.0	---	210.1	183.0	139.1	134.9	134.1
Malignant neoplasms	1,737.4	---	1,974.1	1,668.4	1,421.5	1,349.1	1,320.0
Trachea, bronchus, and lung	439.1	---	566.8	460.3	359.1	318.6	304.0
Colorectal	155.7	---	162.1	136.2	121.2	122.3	123.0
Prostate ⁴	62.4	---	89.2	54.9	45.9	42.2	41.0
Breast ⁵	291.1	---	451.5	322.3	252.6	235.4	234.1
Chronic lower respiratory diseases	285.4	---	188.1	193.8	189.1	195.9	197.1
Influenza and pneumonia	86.3	---	112.3	76.4	67.8	91.1	72.3
Chronic liver disease and cirrhosis	234.4	---	162.4	150.9	166.9	188.6	200.7
Diabetes mellitus ⁶	197.1	---	131.2	150.2	136.7	150.6	156.2
Alzheimer's disease	22.2	---	†	11.7	12.7	12.3	13.8
Human immunodeficiency virus (HIV) disease	22.4	...	271.2	76.0	31.3	24.7	21.1
Unintentional injuries	1,285.9	---	1,114.7	1,041.4	1,183.0	1,253.8	1,365.1
Motor vehicle-related injuries	390.8	---	715.7	588.8	430.6	398.9	417.6
Poisoning	652.3	---	68.3	169.4	494.0	613.2	700.8
Nephritis, nephrotic syndrome, and nephrosis ⁶	69.8	---	34.5	51.1	55.3	52.7	53.7
Suicide ⁷	529.2	---	433.0	389.2	483.8	531.3	554.1
Homicide ⁷	96.1	---	162.0	113.2	103.4	98.4	106.2

See footnotes at end of table.

Table 18 (page 4 of 4). Years of potential life lost before age 75 for selected causes of death, by sex, race, and Hispanic origin: United States, selected years 1980–2015

Excel and PDF versions (with more data years and standard errors when available): <http://www.cdc.gov/nchs/hus/contents2016.htm#018>.

[Data are based on death certificates]

. . . Category not applicable.

- - - Data not available.

† Data for Alzheimer's disease are only presented for data years 1999 and beyond due to large differences in death rates caused by changes in the coding of this cause of death between ICD-9 and ICD-10. See Appendix II, Cause of death; Comparability ratio; Table IV; Table V.

* Rates based on fewer than 20 deaths are considered unreliable and are not shown.

¹ Age-adjusted rates are calculated using the year 2000 standard population. Prior to 2001, age-adjusted rates were calculated using standard million proportions based on rounded population numbers. Starting with 2001 data, unrounded population numbers are used to calculate age-adjusted rates. See Appendix II, Age adjustment.

² Underlying cause of death was coded according to the 9th Revision of the *International Classification of Diseases* (ICD) in 1980–1998. See Appendix II, Cause of death; Table III; Table IV.

³ Starting with 1999 data, cause of death is coded according to ICD-10. See Appendix II, Cause of death; Comparability ratio; Table IV; Table V.

⁴ Rate for male population only.

⁵ Rate for female population only.

⁶ Starting with 2011 data, the rules for selecting Renal failure as the underlying cause of death were changed, affecting the number of deaths in the Nephritis, nephrotic syndrome, and nephrosis and Diabetes categories. These changes directly affect deaths with mention of Renal failure and other associated conditions, such as Diabetes mellitus with renal complications. The result is a decrease in the number of deaths for Nephritis, nephrotic syndrome, and nephrosis and an increase in the number of deaths for Diabetes mellitus. Therefore, trend data for these two causes of death should be interpreted with caution. For more information, see Technical Notes in Deaths: Preliminary data for 2011, available from: http://www.cdc.gov/nchs/data/nvsr/nvsr61/nvsr61_06.pdf.

⁷ Figures for 2001 (in Excel spreadsheet on the Web) include September 11-related deaths for which death certificates were filed as of October 24, 2002. See Appendix II, Cause of death; Table IV for terrorism-related ICD-10 codes.

⁸ The race groups, white, black, Asian or Pacific Islander, and American Indian or Alaska Native, include persons of Hispanic and non-Hispanic origin. Persons of Hispanic origin may be of any race. Death rates for Hispanic, American Indian or Alaska Native, and Asian or Pacific Islander persons should be interpreted with caution because of inconsistencies in reporting Hispanic origin or race on the death certificate (death rate numerators) compared with population figures (death rate denominators). The net effect of misclassification is an underestimation of deaths and death rates for races other than white and black. See Appendix II, Race, for a detailed discussion of sources of bias in death rates by race and Hispanic origin.

⁹ Prior to 1997, data from states that did not report Hispanic origin on the death certificate were excluded. See Appendix II, Hispanic origin.

NOTES: Starting with *Health, United States, 2003*, rates for 1991–1999 were revised using intercensal population estimates based on the 1990 and 2000 censuses. For 2000, population estimates are bridged-race April 1 census counts. Starting with *Health, United States, 2012*, rates for 2001–2009 were revised using intercensal population estimates based on the 2000 and 2010 censuses. For 2010, population estimates are bridged-race April 1 census counts. Rates for 2011 and beyond were computed using 2010-based postcensal estimates. See Appendix I, Population Census and Population Estimates. See Appendix II, Years of potential life lost (YPLL) for definition and method of calculation. Starting with 2003 data, some states began to collect information on more than one race on the death certificate, according to 1997 Office of Management and Budget (OMB) standards. The multiple-race data for these states were bridged to the single-race categories of the 1977 OMB standards, for comparability with other states. See Appendix II, Race. Rates are rounded at the end of the calculation process. They may differ from rates based on the same data presented elsewhere if rounding is done earlier in the calculation process. Data for additional years are available. See the Excel spreadsheet on the *Health, United States* website at: <http://www.cdc.gov/nchs/hus.htm>. Some data have been revised and differ from previous editions of *Health, United States*.

SOURCE: NCHS, National Vital Statistics System; numerator data from annual public-use Mortality Files; denominator data from national population estimates for race groups from Table 1 and unpublished Hispanic population estimates for 1990–1996 prepared by the Housing and Household Economic Statistics Division, U.S. Census Bureau. See Appendix I, National Vital Statistics System (NVSS).