

# Appendix 5: Comparative Analytical Statistics

Budget comparisons over time may be more meaningful when adjusted to real (inflation-adjusted) or per capita terms. This table presents statistical information that can be used to adjust annual numbers for such comparisons.

Calendar Year	National Economic Price Indices			Metro Nashville / Davidson County Statistics					
	GDP Price Index	GDP State & Local Govt Purchases	Consumer Price Index CPI-U	Davidson County Area	Area Inside USD	Area Outside USD	Davidson County Population	Estimated USD Population	Estimated Non-USD Population
	2012=100	2012=100	1982-84=100	Square miles (less large bodies of water)			Population		
1974	28.76	20.77	49.3	501.0	111.7	389.3	460,000	283,460	176,540
1975	31.43	22.77	53.8	501.0	111.7	389.3	463,000	285,309	177,691
1976	33.16	23.87	56.9	501.0	112.1	388.9	466,000	288,186	177,814
1977	35.21	25.37	60.6	501.0	150.7	350.3	469,000	337,924	131,076
1978	37.68	27.02	65.2	501.0	150.7	350.3	472,000	340,086	131,914
1979	40.79	29.40	72.6	501.0	150.7	350.3	475,000	342,248	132,752
1980	44.48	32.58	82.4	501.0	150.7	350.3	477,811	344,273	133,538
1981	48.66	35.82	90.9	501.0	150.7	350.3	482,207	347,094	135,113
1982	51.62	38.01	96.5	501.0	151.0	350.0	486,604	349,915	136,689
1983	53.66	39.70	99.6	501.0	151.0	350.0	491,000	352,736	138,264
1984	55.56	41.41	103.9	501.0	151.0	350.0	495,397	355,557	139,839
1985	57.34	43.10	107.6	501.0	151.0	350.0	499,793	358,379	141,414
1986	58.50	44.34	109.6	501.0	151.0	350.0	501,991	359,789	142,202
1987	59.94	46.41	113.6	501.0	151.0	350.0	504,189	361,200	142,990
1988	62.04	47.96	118.3	501.0	151.0	350.0	506,388	362,610	143,777
1989	64.45	50.28	124.0	501.0	171.0	330.0	510,234	368,897	141,337
1990	66.84	52.78	130.7	501.0	171.0	330.0	510,784	370,469	140,315
1991	69.06	54.62	136.2	501.0	171.0	330.0	514,321	373,035	141,286
1992	70.63	56.60	140.3	501.0	171.0	330.0	517,859	375,600	142,259
1993	72.32	58.05	144.5	501.0	171.0	330.0	521,396	378,166	143,230
1994	73.85	59.59	148.2	501.0	171.0	330.0	524,934	380,732	144,202
1995	75.39	61.21	152.4	501.0	170.0	331.0	528,471	383,297	145,174
1996	76.77	62.62	156.9	501.0	170.0	331.0	532,008	385,863	146,145
1997	78.09	64.00	160.5	501.0	170.0	331.0	535,546	388,428	147,118
1998	78.94	65.29	163.0	501.0	170.0	331.0	539,083	390,994	148,089
1999	80.07	67.88	166.6	501.0	170.0	331.0	542,376	393,383	148,993
2000	81.89	71.16	172.2	501.0	170.0	331.0	569,891	393,907	175,984
2001	83.76	73.63	177.1	501.0	170.0	331.0	578,832	397,141	181,691
2002	85.04	75.14	179.9	501.0	170.0	331.0	582,346	398,165	184,181
2003	86.74	77.76	184.0	501.0	170.0	331.0	588,512	401,005	187,507
2004	89.12	81.72	188.9	501.0	170.0	331.0	597,263	407,314	189,949
2005	91.99	86.33	195.3	501.0	170.0	331.0	607,413	411,680	195,733
2006	94.81	90.68	201.6	525.0	184.0	341.0	614,200	418,220	195,980
2007	97.34	95.43	207.34	525.0	184.0	341.0	620,267	422,352	197,915
2008	99.22	100.28	215.30	525.0	184.0	341.0	626,144	424,696	201,448
2009	100.00	100.00	214.54	525.0	184.0	341.0	629,211	431,371	197,840
2010	101.23	102.71	218.06	525.0	184.2	340.8	626,681	420,846	205,835
2011	103.32	105.92	224.94	525.0	186.7	338.3	635,799	427,119	208,356
2012	105.22	107.99	229.59	525.0	186.7	338.3	649,318	433,833	214,462
2013	106.92	110.06	232.96	525.0	186.7	338.3	659,428	440,730	217,872
2014	108.84	112.52	236.74	525.0	186.7	338.3	669,094	434,086	234,261
2015	110.01	113.17	237.02	525.0	186.7	338.3	678,889	462,201	216,688
2016	111.42	114.16	240.01	525.0	186.7	338.3	684,410	444,297	240,113
2017	113.43	117.25	245.12	525.2	197.8	327.4	691,243	495,889	195,354
2018	111.02	114.85	251.23	525.2	197.8	327.4	692,587	498,423	194,164
2019	113.57	117.26	257.01	525.2	197.8	327.4	694,144	498,007	196,137

Sources: GDP: Dept of Commerce BEA (<http://www.bea.gov/>) CPI: Dept of Labor BLS (<http://www.bls.gov/cpi/#tables>)  
 Area & Population: U.S. Census Bureau American Community 2018 5-Year estimates, 2019 Estimates Program and the Metro Nashville Planning Department

GDP Price Index data reflects prices in the domestic economy. State & Local data reflects the price of goods purchased by state & local governments (not specifically Metro). CPI data reflects the price of a market basket of goods and services bought by urban consumers.

The GDP Price Index and GDP State & Local Government Purchases reflect base year change from 2012. The percentage change in prices from one year to another is the difference in indices for those years divided by the index for the earlier year. Increases must be compounded, not simply averaged, across multiple years.