

The Employment Age Twist and the Collapse of the Teen and Young Adult Labor Market in America's Big Cities

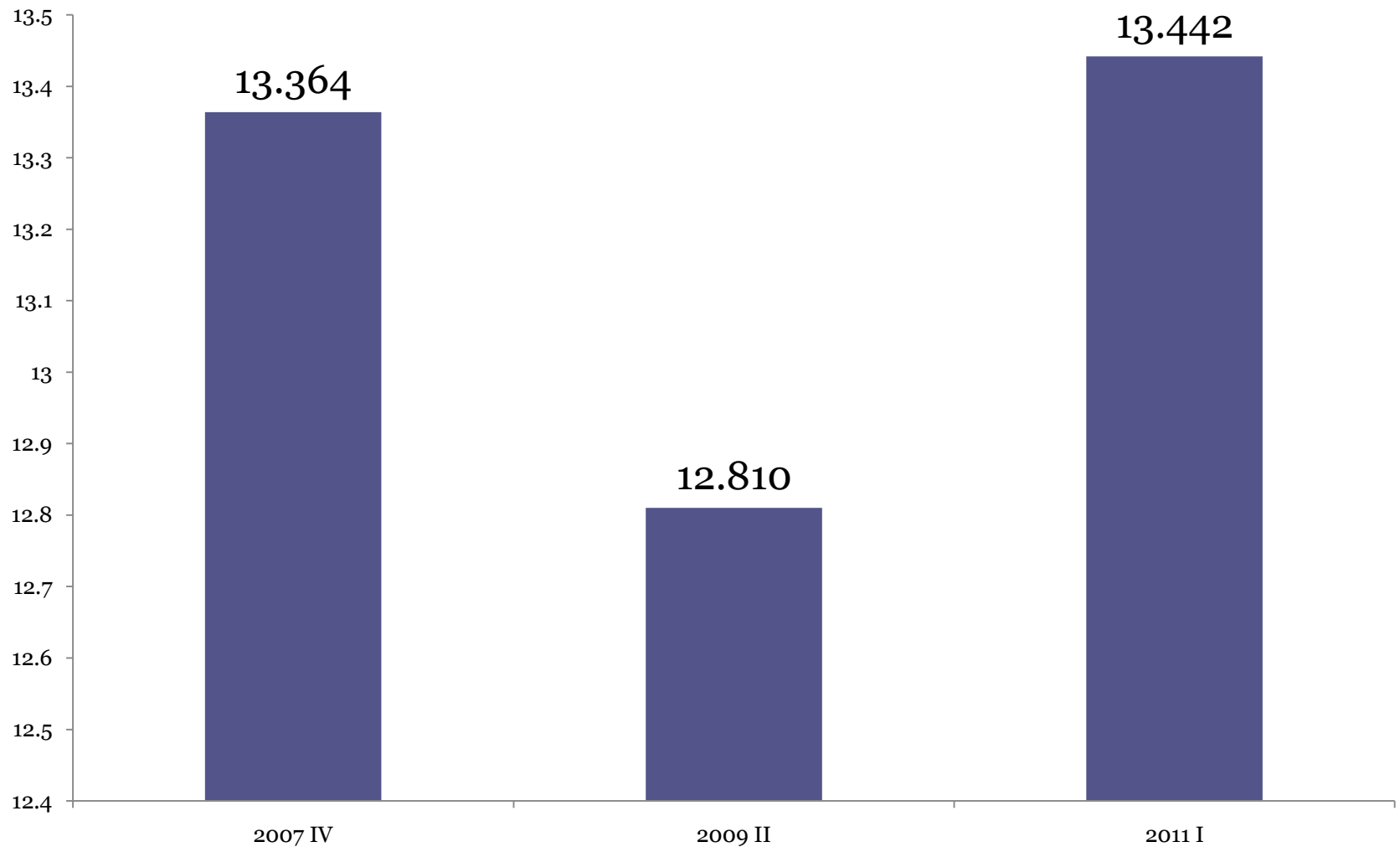
Paul E Harrington

Center for Labor Markets & Policy

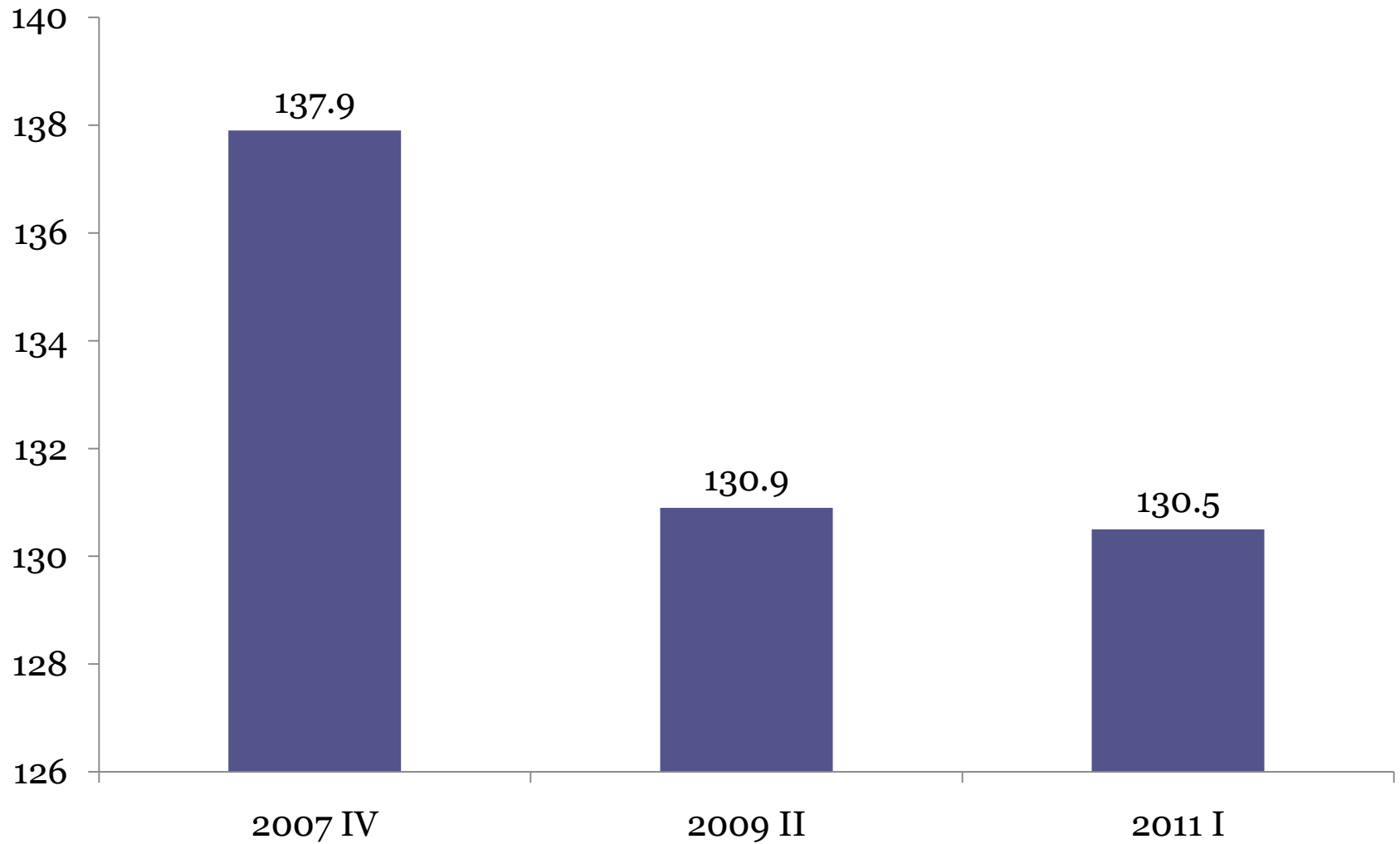
Drexel University

June, 2011

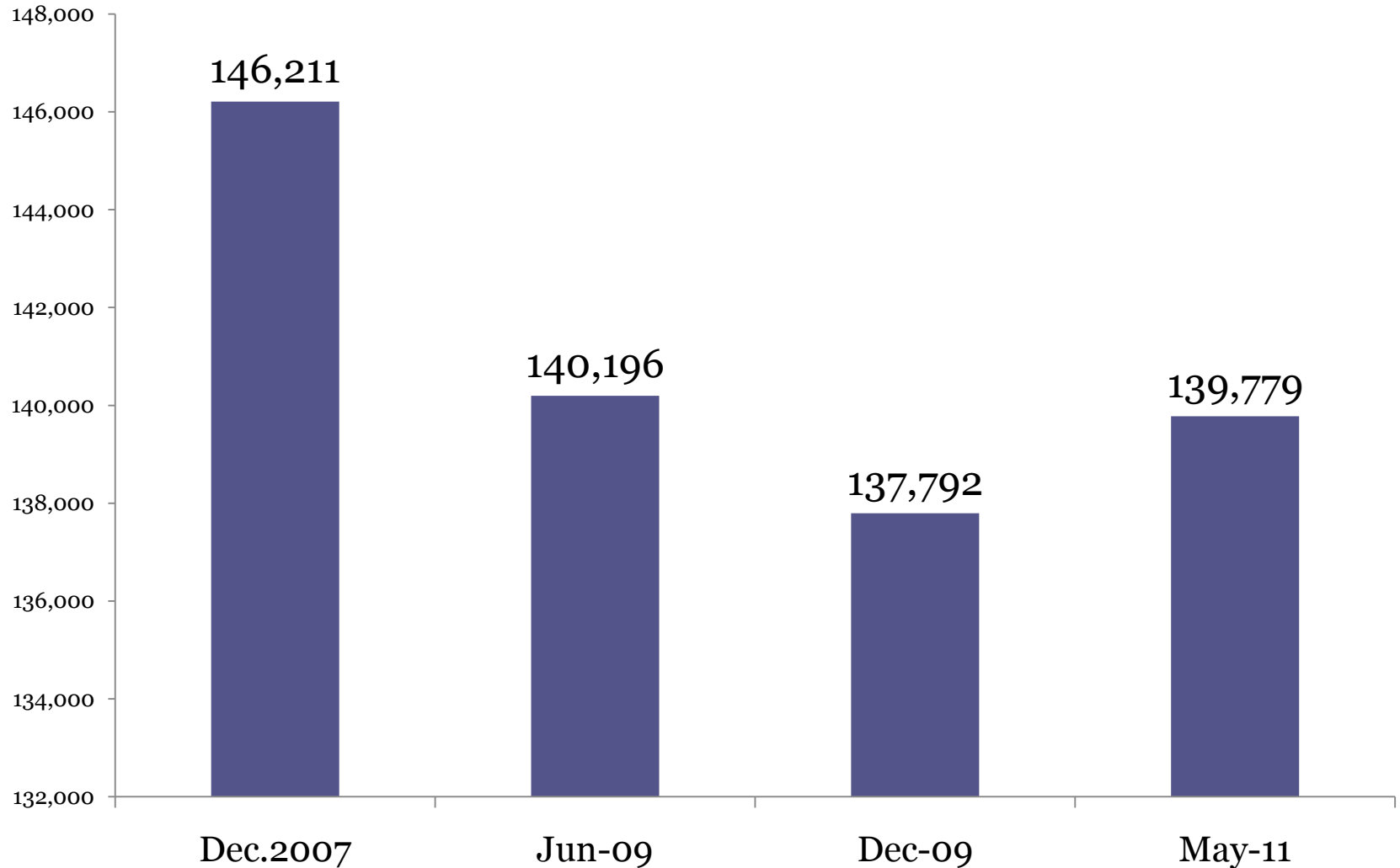
Trends in the Value of U.S. GDP in 2005 Constant Dollars



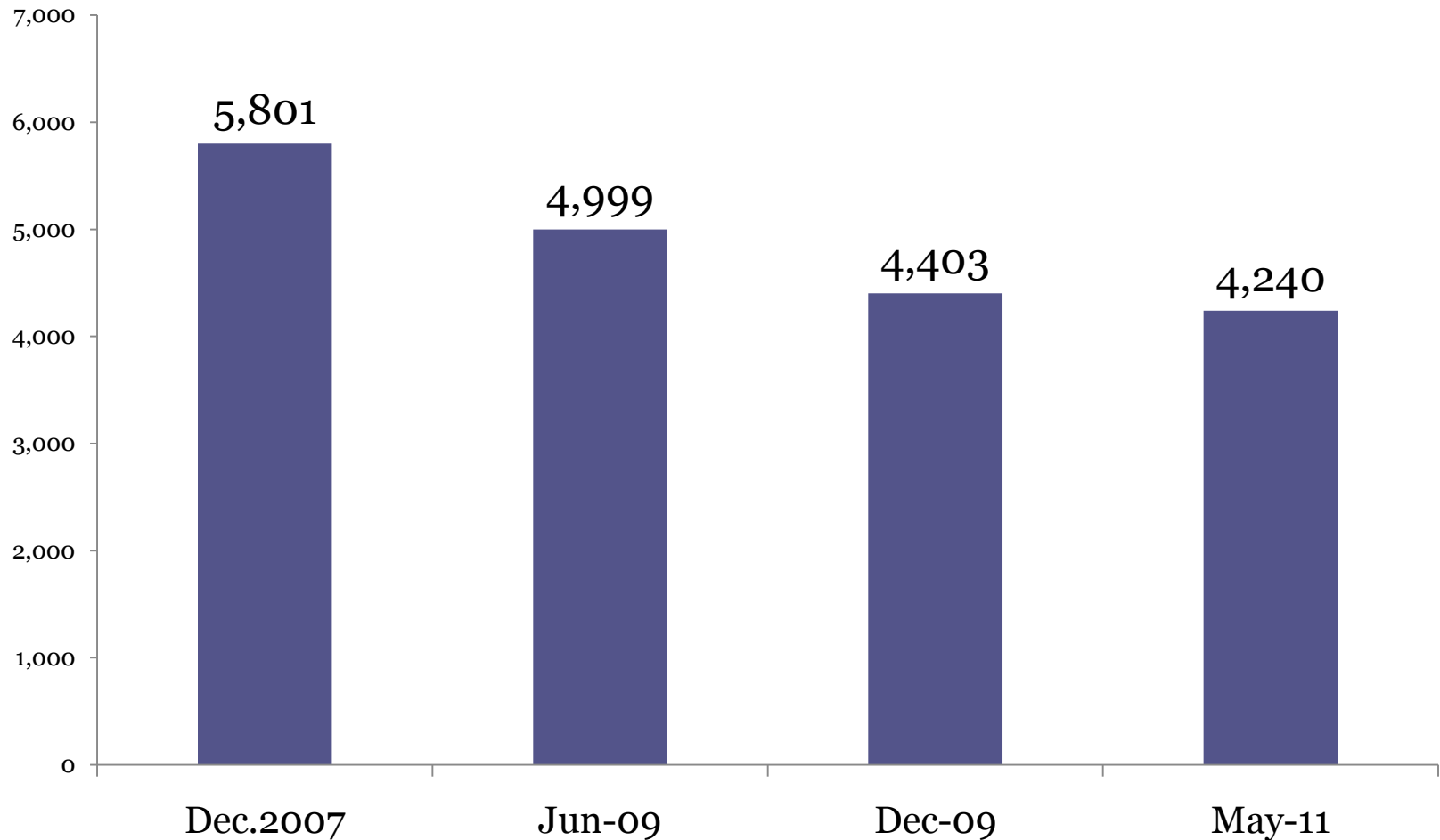
Trends in Non Farm Payroll Employment in the U.S.



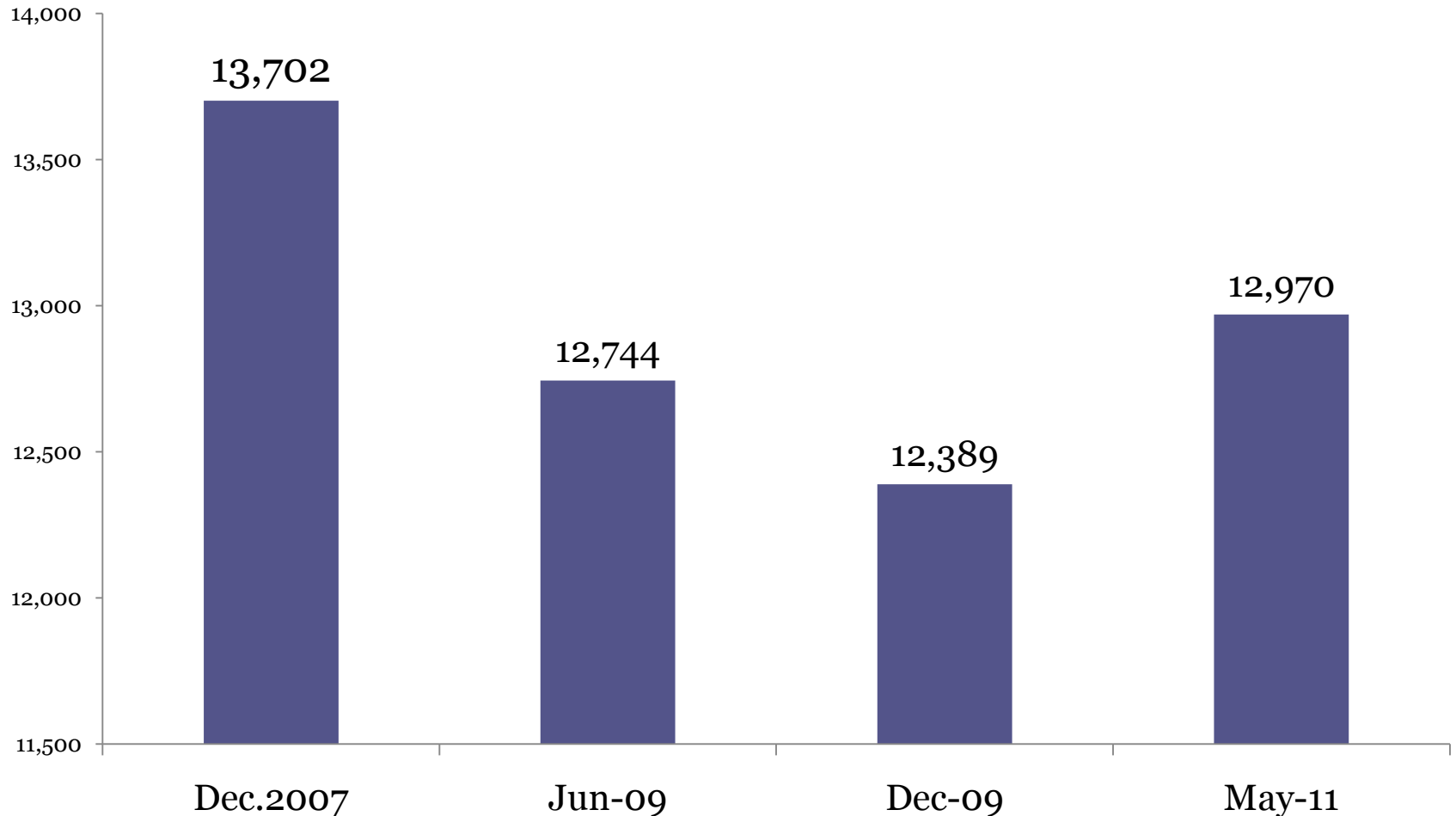
Trends in the Number of Employed Persons Aged 16+, in the U.S



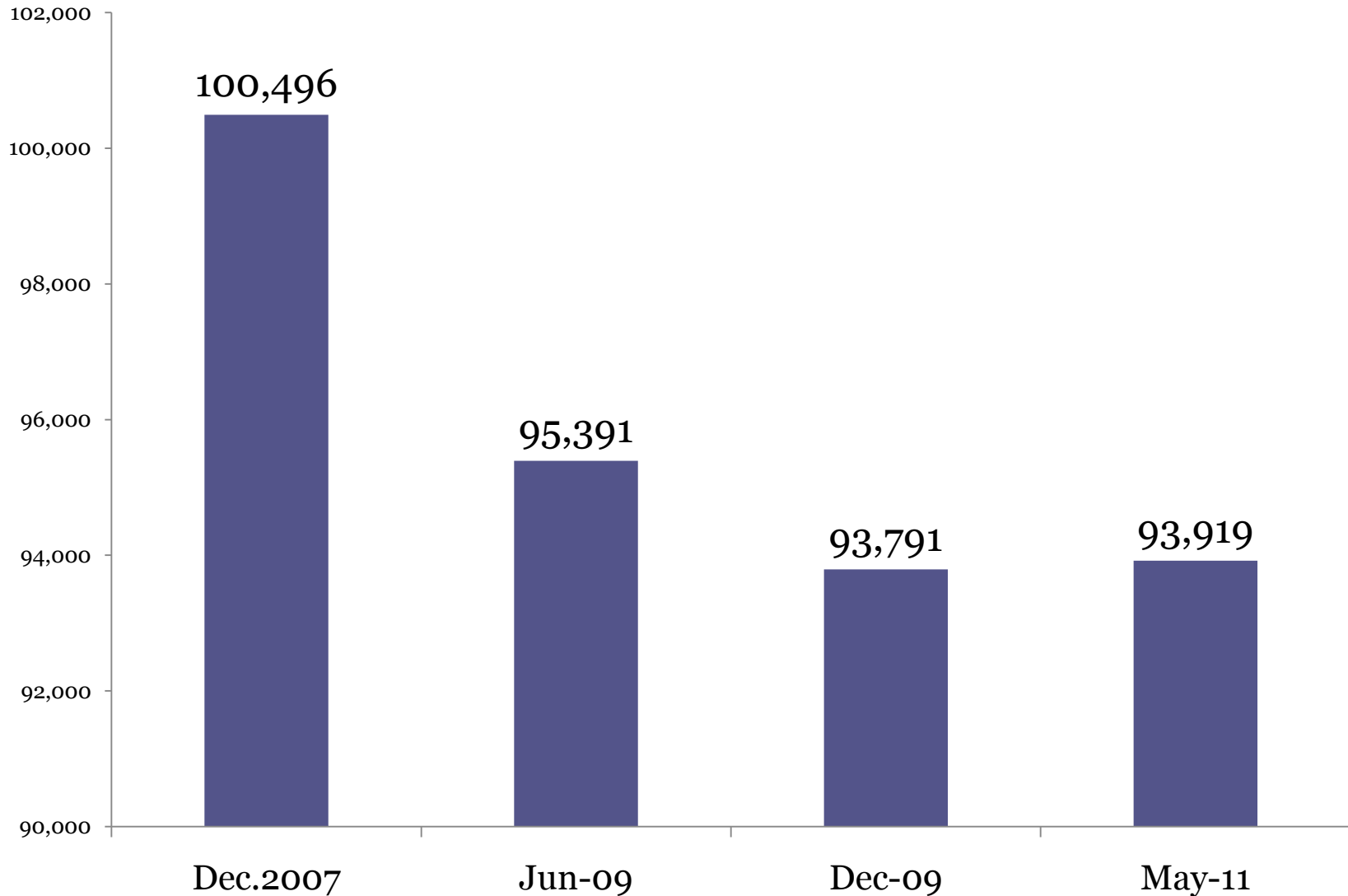
Trends in the Employment of the 16-19 Year Old Population in the U.S.



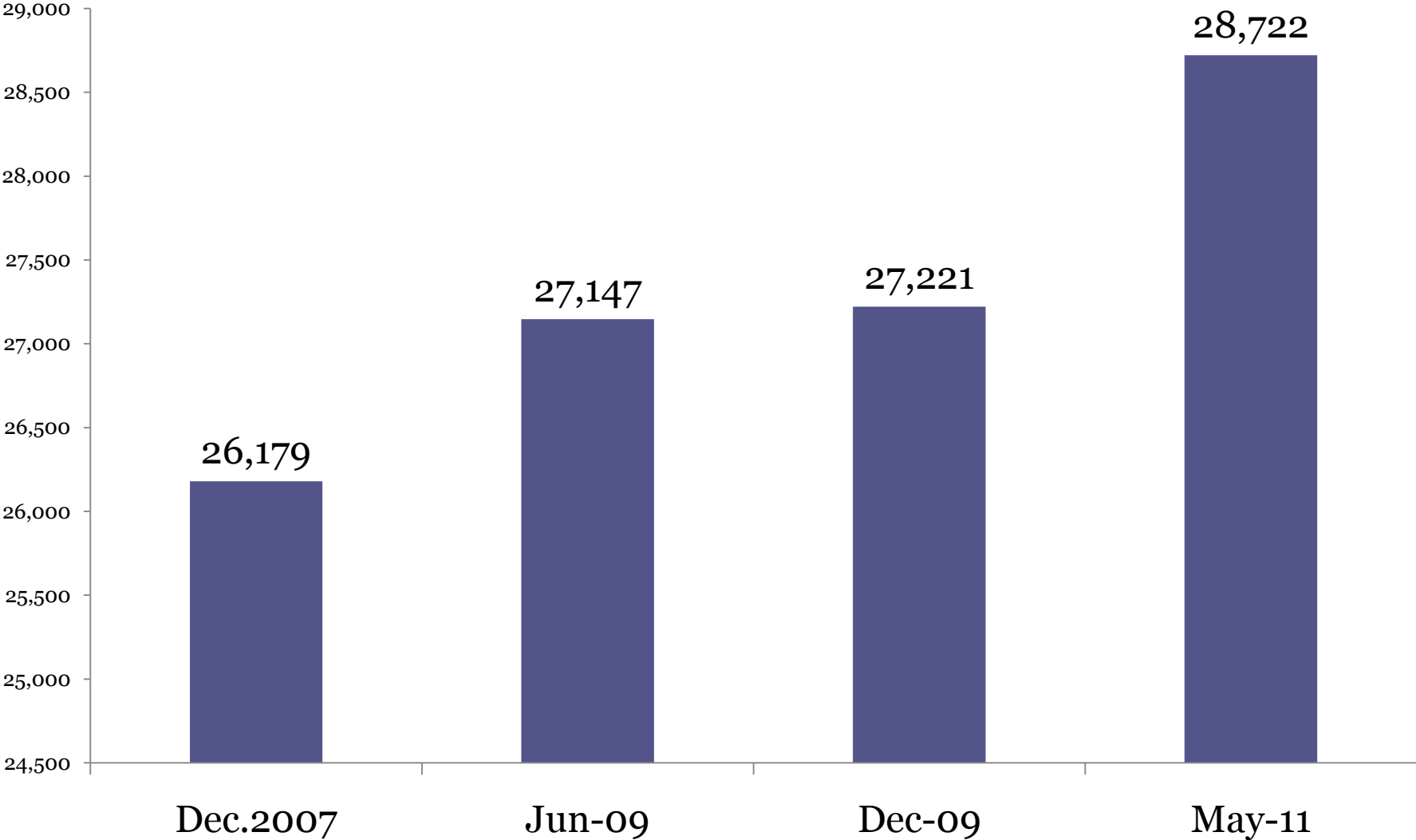
Trends in the Employment of Persons Aged 20-24 in the U.S.



Trends in the Employment of Persons Aged 25-54 in the U.S.



Trends in the Employment of Persons Aged 55+ in the U.S.



Trends in the Number of Persons Employed in the U.S., By Age, December, 2007 to May, 2011

	Dec.2007	May-11	Absolute Change	Relartive Change
Total	146,211	139779	-6432	-4.4%
16-19	5,801	4240	-1561	-26.9%
20-24	13,702	12970	-732	-5.3%
25-54	100,496	93919	-6577	-6.5%
55+	26,179	28722	2543	9.7%

Trends in the Size of the Labor Force in Selected Large U.S. Cities, 2006-2007 to 2009-2010

Age Group	2006-2007	2009-2010	Absolute Change	Relative Change
16-19	378,917	312,889	-66,028	-17.4%
20-24	1,331,785	1,353,132	21,347	1.6%
25-54	8,908,442	9,182,797	274,355	3.1%
55+	1,861,551	2,152,424	290,873	15.6%

Trends in the Number of Unemployed by Age, in Selected Large U.S. Cities, 2006-2007 to 2009-2010

Age Group	2006-2007	2009-2010	Absolute Change	Relative Change
16-19	75,726	104,247	28,521	37.7%
20-24	133,639	221,560	87,921	65.8%
25-54	409,705	881,590	471,885	115.2%
55+	75,586	179,494	103,908	137.5%

Trends in Employment by Age, in Selected Large U.S. Cities,
2006-2007 to 2009-2010

Age Group	2006-2007	2009-2010	Absolute Change	Relative Change
16-19	303,191	208,642	-94,549	-31.2%
20-24	1,198,146	1,131,572	-66,574	-5.6%
25-54	8,498,737	8,301,207	-197,530	-2.3%
55+	1,785,965	1,972,930	186,965	10.5%

Trends in the Labor Force Participation Rate, by Age in Selected Large Cities, 2006-2007 to 2009-2010

Age Group	2006-2007	2009-2010	Absolute Change	Relative Change
16-19	29.2	23.6	-5.6	-19.0%
20-24	66.7	65.9	-0.8	-1.2%
25-54	80	80.4	0.4	0.5%
55+	36.6	39.4	2.8	7.6%
Total	64	64.2	0.2	0.3%

Trends in the Employment to Population Ratio, by Age in Selected Large Cities, 2006-2007 to 2009-2010

Age Group	2006-2007	2009-2010	Absolute Change	Relative Change
16-19	23.3	15.8	-7.6	-32.5%
20-24	60	55.1	-4.9	-8.2%
25-54	76.3	72.7	-3.6	-4.7%
55+	35.1	36.1	1	2.8%
Total	60.4	57.3	-3.1	-5.1%

Trends in the Unemployment Rate, by Age in Selected Large Cities, 2006-2007 to 2009-2010

Age Group	2006-2007	2009-2010	Absolute Change	Relative Change
16-19	20	33.3	13.3	66.7%
20-24	10	16.4	6.3	63.2%
25-54	4.6	9.6	5	108.7%
55+	4.1	8.3	4.3	105.4%
Total	5.6	10.7	5.1	91.7%

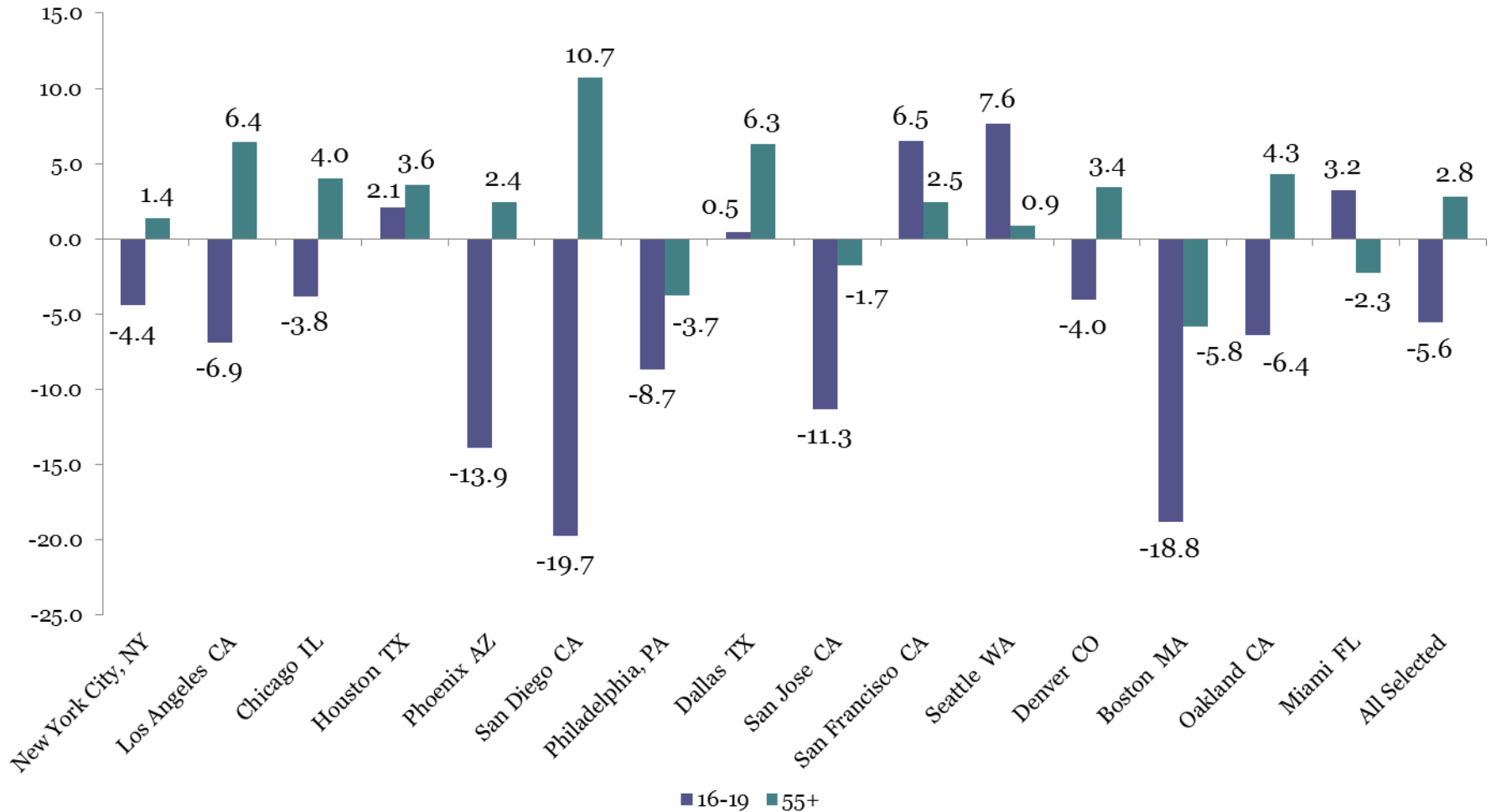
Trends in the Adjusted Labor Force Underutilization Rate, by Age in Selected Large Cities, 2006-2007 to 2009-2010

Age Group	2006-2007	2009-2010	Absolute Change	Relative Change
16-19	36.1	52.8	16.7	46.4%
20-24	19.2	29.9	10.7	55.7%
25-54	9.7	18.9	9.2	95.1%
55+	11.3	18.5	7.2	64.3%
Total	11.9	21	9.1	76.6%

Trends in the Labor Force Participation Rate of 16 to 19 Year Olds in Selected U.S. Cities, 2006-2007 to 2009-2010

	2006-2007	2009-2010	Absolute Change
New York City, NY	20.2	15.8	-4.4
Los Angeles CA	30.9	24.1	-6.9
Chicago IL	26.4	22.6	-3.8
Houston TX	29.6	31.7	2.1
Phoenix AZ	42.0	28.1	-13.9
San Diego CA	44.7	25.0	-19.7
Philadelphia, PA	35.9	27.3	-8.7
Dallas TX	36.9	37.3	0.5
San Jose CA	37.1	25.9	-11.3
San Francisco CA	26.5	33.0	6.5
Seattle WA	30.6	38.2	7.6
Denver CO	43.2	39.2	-4.0
Boston MA	41.0	22.2	-18.8
Oakland CA	30.4	24.0	-6.4
Miami FL	18.0	21.2	3.2
All Selected	29.2	23.6	-5.6

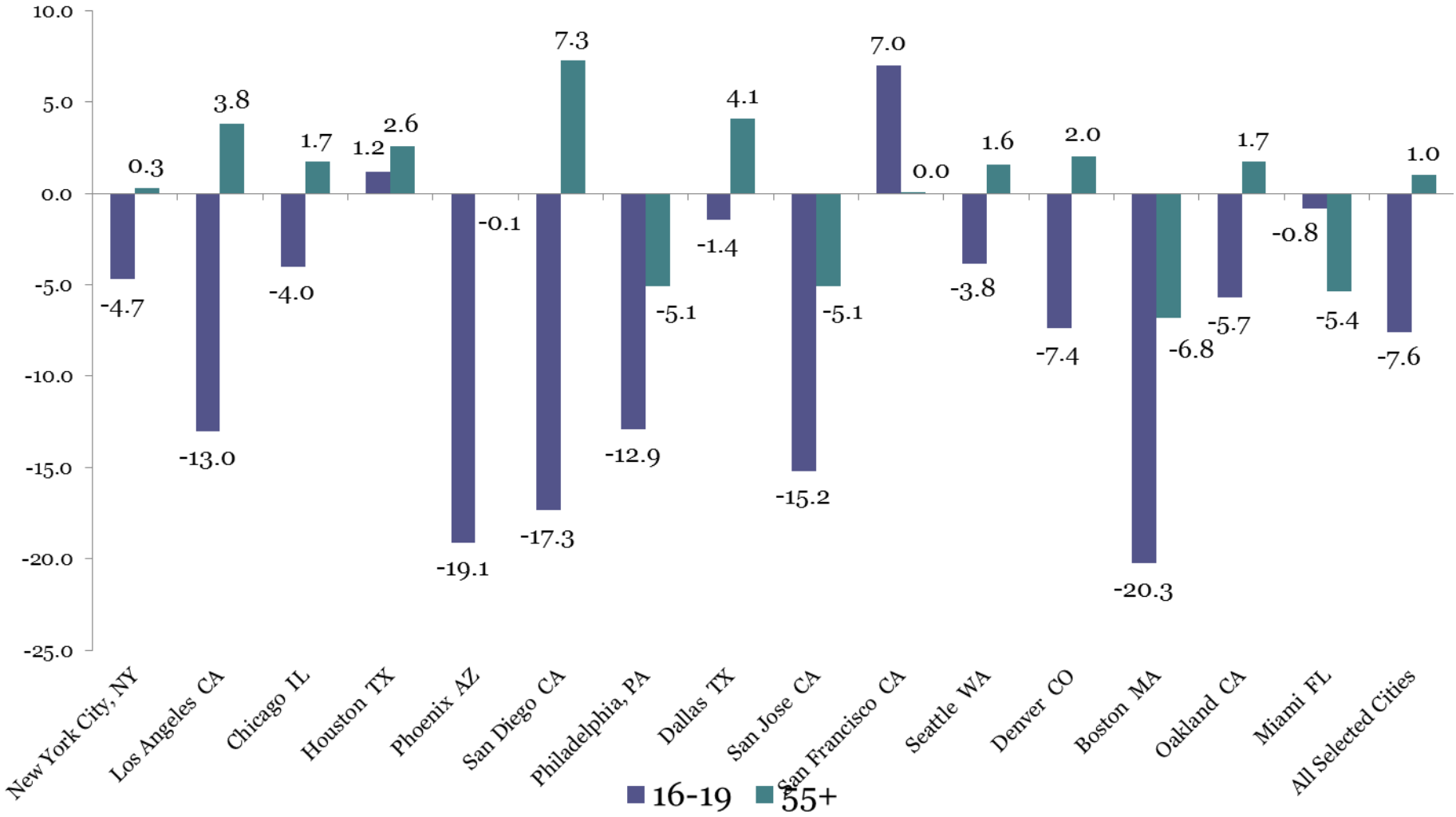
Absolute Change in the Labor Force Participation Rate of Teens and Older Workers in Selected Large Cities in the U.S., 2006-07 to 2009-10



Trends in the Employment to Population Ratio of 16 to 19 Year Olds in Selected U.S. Cities, 2006-2007 to 2009-2010

	2006-2007	2009-2010	Absolute Change
New York City, NY	14.9	10.2	-4.7
Los Angeles CA	26.0	12.9	-13.0
Chicago IL	19.3	15.3	-4.0
Houston TX	22.5	23.7	1.2
Phoenix AZ	37.9	18.8	-19.1
San Diego CA	37.9	20.5	-17.3
Philadelphia, PA	31.1	18.2	-12.9
Dallas TX	26.4	24.9	-1.4
San Jose CA	31.5	16.2	-15.2
San Francisco CA	20.5	27.5	7.0
Seattle WA	26.3	22.5	-3.8
Denver CO	34.3	27.0	-7.4
Boston MA	36.5	16.3	-20.3
Oakland CA	21.1	15.4	-5.7
Miami FL	17.2	16.4	-0.8
All Selected Cities	23.3	15.8	-7.6

Absolute Change in the Employment to Population Ratio of the 16 to 19 Year Old and the 55+ Population in Selected Large Cities, 2006-07 to 2009-10



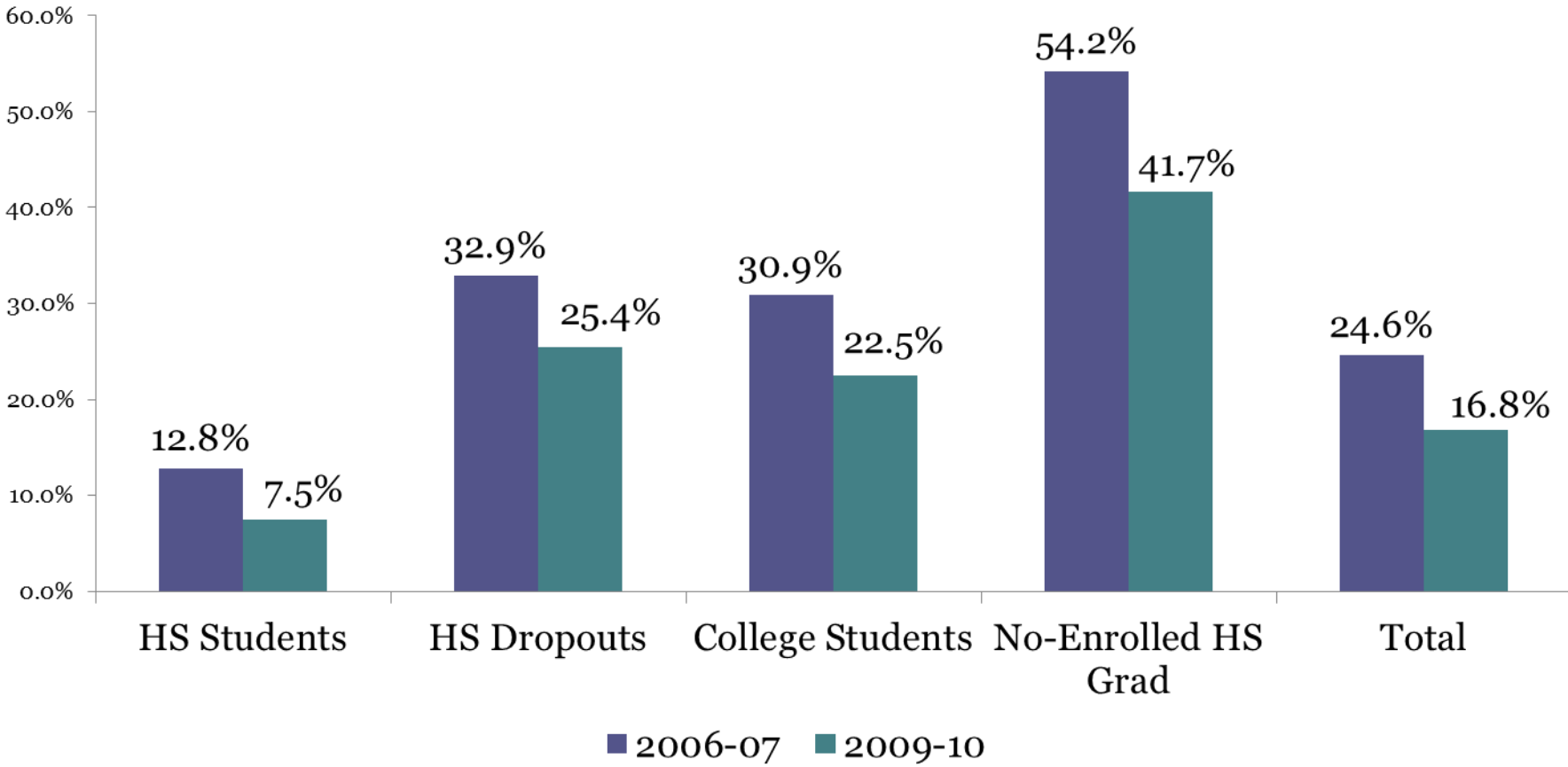
Trends in the Labor Force Participation Rate of the 55+ Population, in Selected U.S. Cities, 2006-2007 to 2009-2010

	2006-2007	2009-2010	Absolute Change
New York City, NY	35.2	36.5	1.4
Los Angeles CA	39.1	45.5	6.4
Chicago IL	33.4	37.4	4.0
Houston TX	38.7	42.3	3.6
Phoenix AZ	45.5	47.9	2.4
San Diego CA	36.3	47.0	10.7
Philadelphia, PA	31.6	27.9	-3.7
Dallas TX	39.3	45.5	6.3
San Jose CA	37.4	35.6	-1.7
San Francisco CA	34.7	37.1	2.5
Seattle WA	38.7	39.5	0.9
Denver CO	43.5	46.9	3.4
Boston MA	38.5	32.7	-5.8
Oakland CA	39.9	44.2	4.3
Miami FL	30.1	27.8	-2.3
All Selected Cities	36.6	39.4	2.8

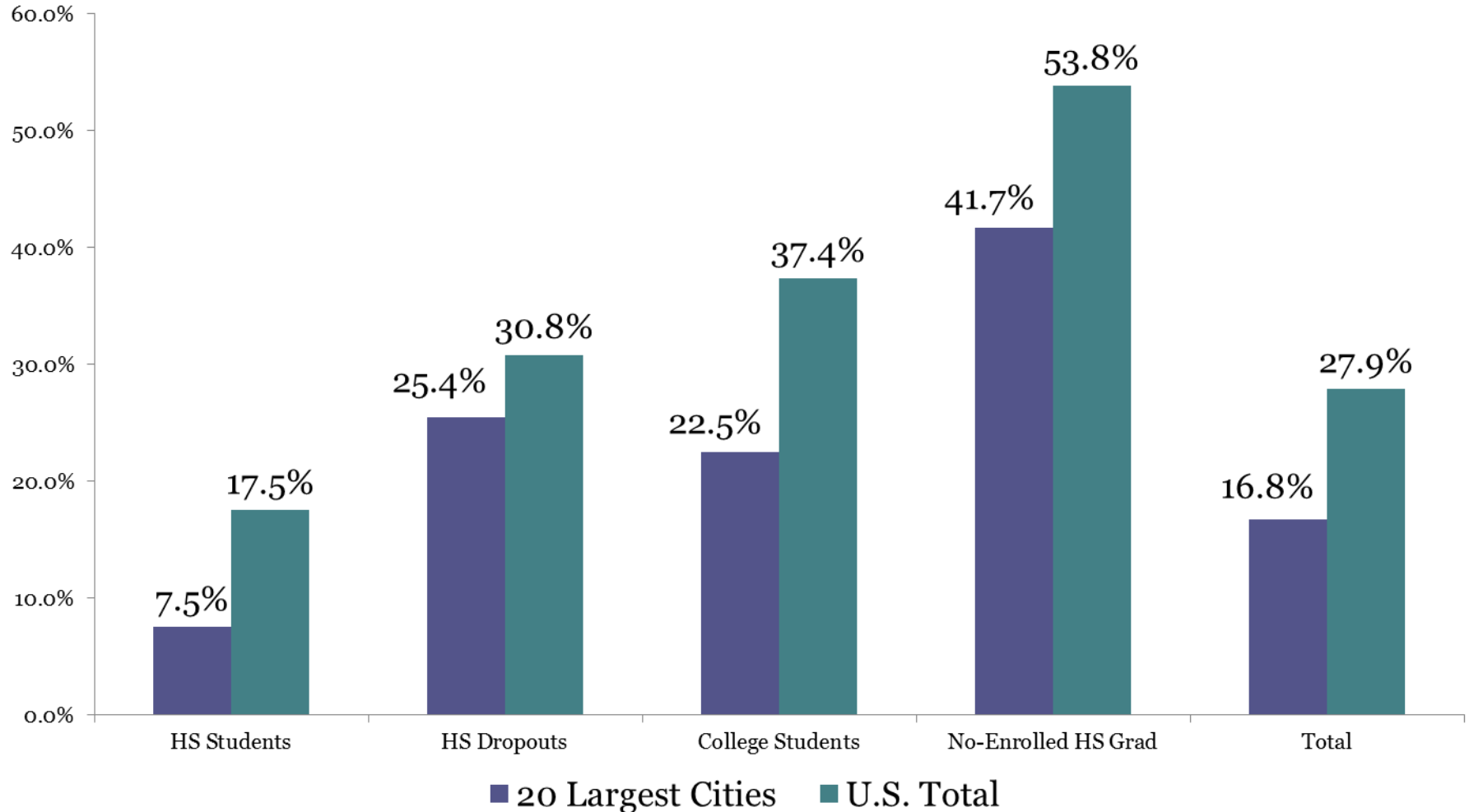
Trends in the Employment to Population Ratio of the 55+ Population in Selected U.S. Cities, 2006-2007 to 2009-2010

	2006-2007	2009-2010	Absolute Change
New York City, NY	34.0	34.2	0.3
Los Angeles CA	37.4	41.2	3.8
Chicago IL	31.9	33.6	1.7
Houston TX	36.5	39.1	2.6
Phoenix AZ	44.5	44.5	-0.1
San Diego CA	35.6	42.9	7.3
Philadelphia, PA	30.4	25.3	-5.1
Dallas TX	37.9	42.0	4.1
San Jose CA	34.4	29.3	-5.1
San Francisco CA	33.5	33.5	0.0
Seattle WA	36.6	38.2	1.6
Denver CO	41.2	43.3	2.0
Boston MA	36.7	29.9	-6.8
Oakland CA	36.6	38.3	1.7
Miami FL	29.3	23.9	-5.4
All Selected Cities	35.1	36.1	1.0

Trends in the Employment to Population Ratio of the 16 to 19 Year Old Population in the 20 Largest Cities in the U.S., by Current Enrollment Status, 2006-07 to 2009-10



Employment to Population Ratios Among 16 to 19 Year Olds in the US and 20 Largest Cities, 2009-2010



Trends in the Employment to Population Ratio in the U.S. and 20 Largest Cities, 2006-07 to 2009-10

