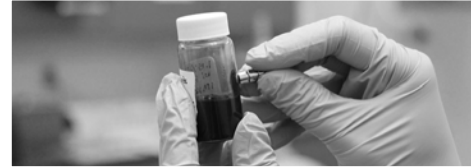




Center for Economic & Management Research



OKLAHOMA BUSINESS BULLETIN



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OVERVIEW

Created by the Oklahoma Territorial Legislature in 1890, the University of Oklahoma is a doctoral degree granting research university serving the educational, cultural, economic and health-care needs of the state, region and nation. The Norman campus serves as home to all of the university's academic programs except health-related fields. Both the Norman and Health Sciences Center colleges offer programs at the Schusterman Center, the site of OU-Tulsa. The OU Health Sciences Center, which is located in Oklahoma City, is one of only four comprehensive academic health centers in the nation with seven professional colleges. OU enrolls more than 30,000 students, has more than 2,400 full-time faculty members, and has 21 colleges offering 163 majors at the baccalaureate level, 166 majors at the master's level, 81 majors at the doctoral level, 27 majors at the doctoral professional level, and 26 graduate certificates. The university's annual operating budget is \$1.5 billion. The University of Oklahoma is an equal opportunity institution.

SELECTED INDICATORS FOR OKLAHOMA

	2018	2017	Percentage Change '18/'17
Crude Oil Production (000 bbl) (a)	200,314	165,365	21.1
Natural Gas Production (000 mcf) (a)	2,942,476	2,517,937	16.9
Rig Count (Average)	134	120	11.7
Permit-Authorized Construction			
Residential Single Family			
Dollar Value (\$000)	1,888,552	1,817,167	3.9
Number of Units	8,320	8,266	0.7
Residential-Multi Family			
Dollar Value (\$000)	111,043	148,910	-25.4
Number of Units	1,107	1,499	-26.2
Total Construction (\$000)	1,999,595	1,966,077	1.7
Employment			
Total Labor Force (000) (b)	1,853.4	1,831.4	1.2
Total Employment (000)	1,787.3	1,751.9	2.0
Unemployment Rate (%)	3.6	4.3	--
Wage and Salary Employment (000)	1,692.1	1,661.5	1.8
Manufacturing	130,717	130,158	0.4
Mining	53,833	46,150	16.6
Government	351,583	354,233	-0.7
Construction	78,150	80,700	-3.2
Retail Trade	183,700	180,642	1.7
Average Weekly Hours (Per Worker)			
Manufacturing	42.6	41.2	3.4
Average Weekly Earnings (\$ Per Worker)			
Manufacturing	810.08	781.94	3.6

Note: Includes revisions in some previous months /years by EIA and BLS

(a) Oil and Natural Gas data revised by (EIA) for 2017 and 2018, valid data not available from OTC at press time

(b) Employment Data revised by (BLS) for 2018

Labor Force refers to place of residence, non-agricultural wage and salary employment refers to place of work.

SELECTED INDICATORS FOR OKLAHOMA CITY MSA

	2018	2017	Percentage Change '18/'17
Employment (Number)			
Labor Force (a)	683,640	672,627	1.6
Total Employment	661,230	646,384	2.3
Unemployment Rate (%)	3.3	3.9	---
Wage and Salary Employment	649,983	635,150	2.3
Manufacturing	34,425	34,092	1.0
Mining	20,967	15,608	34.3
Construction	30,583	28,617	6.9
Wholesale and Retail Trade	90,108	92,358	-2.4
Government	129,867	131,525	-1.3
Air Transportation			
Passengers Enplaning (Number)	2,170,834	1,964,853	10.5
Passengers Deplaning (Number)	2,170,325	1,962,482	10.6
Freight Enplaned (Tons)	11,765	11,886	-1.0
Freight Deplaned (Tons)	20,497	19,813	3.5
Permit-Authorized Construction			
Residential-Single Family			
Dollar Value (\$000)	1,239,406	1,128,236	9.9
Number of Units	5,345	5,009	6.7
Residential-Multi Family			
Dollar Value (\$000)	29,304	43,615	-32.8
Number of Units	304	377	-19.4
Total Construction (\$000)	1,268,710	1,171,851	8.3

Note: Includes revisions.

(a) Civilian Labor Force.

SELECTED INDICTORS FOR THE TULSA MSA

	2018	2017	Percentage Change '18/'17
Employment (Number)			
Labor Force (a)	486,345	476,173	2.1
Total Employment	468,766	454,453	3.1
Unemployment Rate (%)	3.6	4.6	--
Wage and Salary Employment	460,083	445,650	3.2
Manufacturing	48,467	46,125	5.1
Mining	6,967	5,475	27.3
Construction	23,625	23,425	0.9
Wholesale and Retail Trade	66,633	65,250	2.1
Government	59,417	58,875	0.9
Air Transportation			
Passengers Enplaning (Number)	1,508,443	1,445,551	4.4
Passengers Deplaning (Number)	1,561,649	1,441,412	8.3
Freight Enplaned (Tons)	61,720	55,288	11.6
Water Transportation			
Tulsa Port of Catoosa			
Tons In (Number)	747,677	732,343	2.1
Tons Out (Number)	1,329,518	1,821,648	-27.0
Permit-Authorized Construction			
Residential-Single Family			
Dollar Value (\$000)	568,421	595,979	-4.6
Number of Units	2,485	2,696	-7.8
Residential-Multi Family			
Dollar Value (\$000)	63,669	51,449	23.8
Number of Units	572	468	22.2
Total Construction (\$000)	632,090	647,428	-2.4

Note: Includes revisions.
(a) Civilian Labor Force.

SELECTED INDICATORS FOR THE LAWTON MSA AND ENID AND MUSKOGEE MICROSA'S

	2018	2017	Percentage Change '18/'17
ENID MicroSA			
Employment (Number)			
Labor Force (a)	27,588	30,314	-9.0
Total Employment	26,697	29,188	-8.5
Unemployment Rate (%)	3.2	3.7	--
LAWTON MSA			
Employment (Number)			
Labor Force (a)	52,135	52,709	-1.1
Total Employment	50,029	50,352	-0.6
Unemployment Rate (%)	4.1	4.5	--
Permit-Authorized Construction (b)			
Residential-Single Family			
Dollar Value (\$000)	8,591	9,582	-10.3
Number of Units	40	43	-7.0
Residential-Multi Family			
Dollar Value (\$000)	0	0	NC
Number of Units	0	0	NC
Total Construction (\$000)	8,591	9,582	-10.3
MUSKOGEE MicroSA			
Employment (Number)			
Labor Force (a)	29,361	29,427	-0.2
Total Employment	28,107	27,871	0.8
Unemployment Rate (%)	4.3	5.3	--
Water Transportation			
Port of Muskogee			
Tons In	853,319	857,463	-0.5
Tons Out	117,350	110,537	6.2

Note: Includes revisions.

(a) Civilian Labor Force.

(b) Source: US Census

NC: Not Computed: divided by zero

Note: Residential-Multi Family figures for LAWTON MSA

status as of 3rd Qtr 2012: "Not Regularly Available" via US Census Bureau

ADJUSTED RETAIL TRADE FOR METRO AREAS AND STATE

	2018	2017	Percentage Change '18/'17
OKLAHOMA CITY MSA			
Durable Goods	3,880,689,271	3,828,841,195	1.4
Lumber, Bldg. Mat. & Hardware	1,366,991,415	1,359,133,115	0.6
Auto Accessories and Repair	792,485,316	781,656,805	1.4
Furniture	395,352,600	395,398,158	0.0
Computer, Electronics and Music Stores	526,564,745	505,193,671	4.2
Miscellaneous Durables	718,539,723	709,034,690	1.3
Used Merchandise	80,755,472	78,147,526	3.3
Nondurable Goods	10,678,356,359	10,517,915,542	1.5
General Merchandise	3,333,513,873	3,217,232,053	3.6
Food Stores	1,137,822,625	1,136,575,121	0.1
Apparel	672,225,882	665,083,268	1.1
Eating and Drinking Places	3,193,813,767	3,303,837,597	-3.3
Drug Stores	201,636,934	198,193,322	1.7
Liquor Stores	222,542,133	219,009,303	1.6
Miscellaneous Nondurables	593,355,858	628,970,956	-5.7
Gasoline	1,323,445,287	1,149,013,922	15.2
Total Retail Trade	14,559,045,630	14,346,479,506	1.5
TULSA MSA			
Durable Goods	2,487,355,741	2,460,503,604	1.1
Lumber, Bldg. Mat. & Hardware	848,587,972	853,947,128	-0.6
Auto Accessories and Repair	363,896,924	355,881,663	2.3
Furniture	278,755,374	278,143,026	0.2
Computer, Electronics and Music Stores	446,119,152	418,018,448	6.7
Miscellaneous Durables	492,325,025	496,323,645	-0.8
Used Merchandise	57,671,294	58,189,695	-0.9
Nondurable Goods	8,025,667,316	7,779,267,026	3.2
General Merchandise	2,375,452,897	2,273,844,918	4.5
Food Stores	1,105,730,472	1,111,257,621	-0.5
Apparel	431,540,155	396,280,837	8.9
Eating and Drinking Places	2,080,888,913	2,132,652,949	-2.4
Drug Stores	167,710,800	188,299,803	-10.9
Liquor Stores	176,186,387	168,856,293	4.3
Miscellaneous Nondurables	378,734,536	372,509,244	1.7
Gasoline	1,309,423,155	1,135,565,361	15.3
Total Retail Trade	10,513,023,057	10,239,770,630	2.7
ENID MICROSA			
Durable Goods	168,742,961	171,331,350	-1.5
Lumber, Bldg. Mat. & Hardware	60,985,852	61,520,856	-0.9
Auto Accessories and Repair	44,081,340	45,236,710	-2.6
Furniture	10,742,445	11,123,386	-3.4
Computer, Electronics and Music Stores	21,466,484	20,423,817	5.1
Miscellaneous Durables	27,588,329	29,040,507	-5.0
Used Merchandise	3,878,510	3,986,074	-2.7
Nondurable Goods	532,127,216	516,970,034	2.9
General Merchandise	175,678,836	168,345,632	4.4
Food Stores	80,609,980	81,059,108	-0.6
Apparel	28,215,506	25,433,350	10.9
Eating and Drinking Places	119,672,794	125,565,416	-4.7
Drug Stores	11,675,302	11,386,328	2.5
Liquor Stores	8,742,624	8,505,139	2.8
Miscellaneous Nondurables	26,072,459	26,081,894	0.0
Gasoline	81,459,714	70,593,167	15.4
Total Retail Trade	700,870,177	688,301,384	1.8

ADJUSTED RETAIL TRADE FOR METRO AREAS AND STATE

	2018	2017	Percentage Change '18/'17
LAWTON MSA			
Durable Goods	216,805,946	212,784,085	1.9
Lumber, Bldg. Mat. & Hardware	80,092,377	81,252,930	-1.4
Auto Accessories and Repair	41,231,973	36,334,136	13.5
Furniture	20,665,714	22,509,345	-8.2
Computer, Electronics and Music Stores	32,699,086	30,597,327	6.9
Miscellaneous Durables	37,864,232	38,316,493	-1.2
Used Merchandise	4,252,564	3,773,854	12.7
Nondurable Goods	801,713,548	790,955,945	1.4
General Merchandise	330,585,664	313,767,546	5.4
Food Stores	56,953,982	66,694,496	-14.6
Apparel	43,209,339	41,369,779	4.4
Eating and Drinking Places	208,804,807	220,069,478	-5.1
Drug Stores	9,247,023	8,919,642	3.7
Liquor Stores	15,049,758	14,814,304	1.6
Miscellaneous Nondurables	37,643,932	38,381,193	-1.9
Gasoline	100,219,044	86,939,506	15.3
Total Retail Trade	1,018,519,495	1,003,740,030	1.5
OKLAHOMA			
Durable Goods	10,253,512,446	9,952,734,380	3.0
Lumber, Bldg. Mat. & Hardware	3,651,518,841	3,594,819,988	1.6
Auto Accessories and Repair	2,337,295,583	2,193,266,626	6.6
Furniture	976,878,082	970,220,563	0.7
Computer, Electronics and Music Stores	1,463,815,407	1,381,461,962	6.0
Miscellaneous Durables	1,628,314,076	1,619,394,098	0.6
Used Merchandise	195,690,457	193,571,142	1.1
Nondurable Goods	30,834,684,769	29,507,713,607	4.5
General Merchandise	9,790,819,792	9,545,456,937	2.6
Food Stores	3,768,606,687	3,671,904,405	2.6
Apparel	1,537,862,730	1,498,048,643	2.7
Eating and Drinking Places	8,003,637,246	7,689,826,925	4.1
Drug Stores	517,224,382	551,256,860	-6.2
Liquor Stores	592,775,087	571,081,422	3.8
Miscellaneous Nondurables	1,687,739,084	1,654,507,570	2.0
Gasoline	4,936,019,761	4,325,630,845	14.1
Total Retail Trade	41,088,197,215	39,460,447,987	4.1

ADJUSTED RETAIL TRADE IN SELECTED CITIES

	2018	2017	Percentage Change '18/'17
Ada	348,731,997	334,585,071	4.2
Altus	224,606,013	218,659,215	2.7
Alva	81,335,127	78,932,225	3.0
Anadarko	66,443,405	64,499,674	3.0
Ardmore	487,321,965	457,717,467	6.5
Bartlesville	474,402,646	455,640,229	4.1
Blackwell	68,062,460	67,169,234	1.3
Broken Arrow	1,072,377,184	1,011,156,365	6.1
Chickasha	248,283,333	227,896,164	8.9
Clinton	104,956,754	102,371,456	2.5
Cushing	117,568,627	114,288,525	2.9
Del City	232,147,906	229,137,699	1.3
Duncan	287,403,133	277,839,994	3.4
Durant	314,852,466	306,872,149	2.6
Edmond	1,390,422,389	1,339,445,287	3.8
El Reno	193,875,650	172,898,606	12.1
Elk City	248,540,016	234,615,319	5.9
Enid	648,787,827	636,110,186	2.0
Guthrie	153,941,006	146,391,352	5.2
Guymon	163,020,352	156,012,088	4.5
Henryetta	73,889,537	68,139,812	8.4
Hobart	30,472,617	29,972,152	1.7
Holdenville	50,418,967	47,905,323	5.2
Hugo	87,225,438	83,707,972	4.2
Idabel	100,637,750	101,090,761	-0.4
Lawton	863,954,421	851,997,902	1.4
McAlester	364,262,924	349,399,274	4.3
Miami	156,600,557	155,292,942	0.8
Midwest City	715,225,201	689,293,664	3.8
Moore	750,839,642	726,219,565	3.4
Muskogee	529,804,395	539,690,314	-1.8
Norman	1,537,756,586	1,483,085,392	3.7
Oklahoma City	7,524,884,107	7,244,224,820	3.9
Okmulgee	145,565,016	139,756,622	4.2
Pauls Valley	135,555,898	129,811,963	4.4
Pawhuska	48,500,588	47,967,786	1.1
Ponca City	318,669,238	320,664,934	-0.6
Poteau	160,756,238	158,327,828	1.5
Sand Springs	304,256,340	280,383,444	8.5
Sapulpa	212,423,658	200,070,130	6.2
Seminole	120,150,540	115,181,671	4.3
Shawnee	528,575,769	514,869,443	2.7
Stillwater	716,325,856	689,715,250	3.9
Tahlequah	302,275,510	288,378,813	4.8
Tulsa	6,173,061,434	6,012,686,335	2.7
Watonga	37,205,635	34,680,530	7.3
Weatherford	209,439,938	195,837,382	6.9
Wewoka	19,935,304	17,535,008	13.7
Woodward	259,137,587	247,236,121	4.8
Total Selected Cities	29,404,886,949	28,395,361,459	3.6

OKC Economic Roundtable

US and Oklahoma Economic
Outlook Presentation

December 2018



OKC Roundtable Presentation

December 2018 Agenda

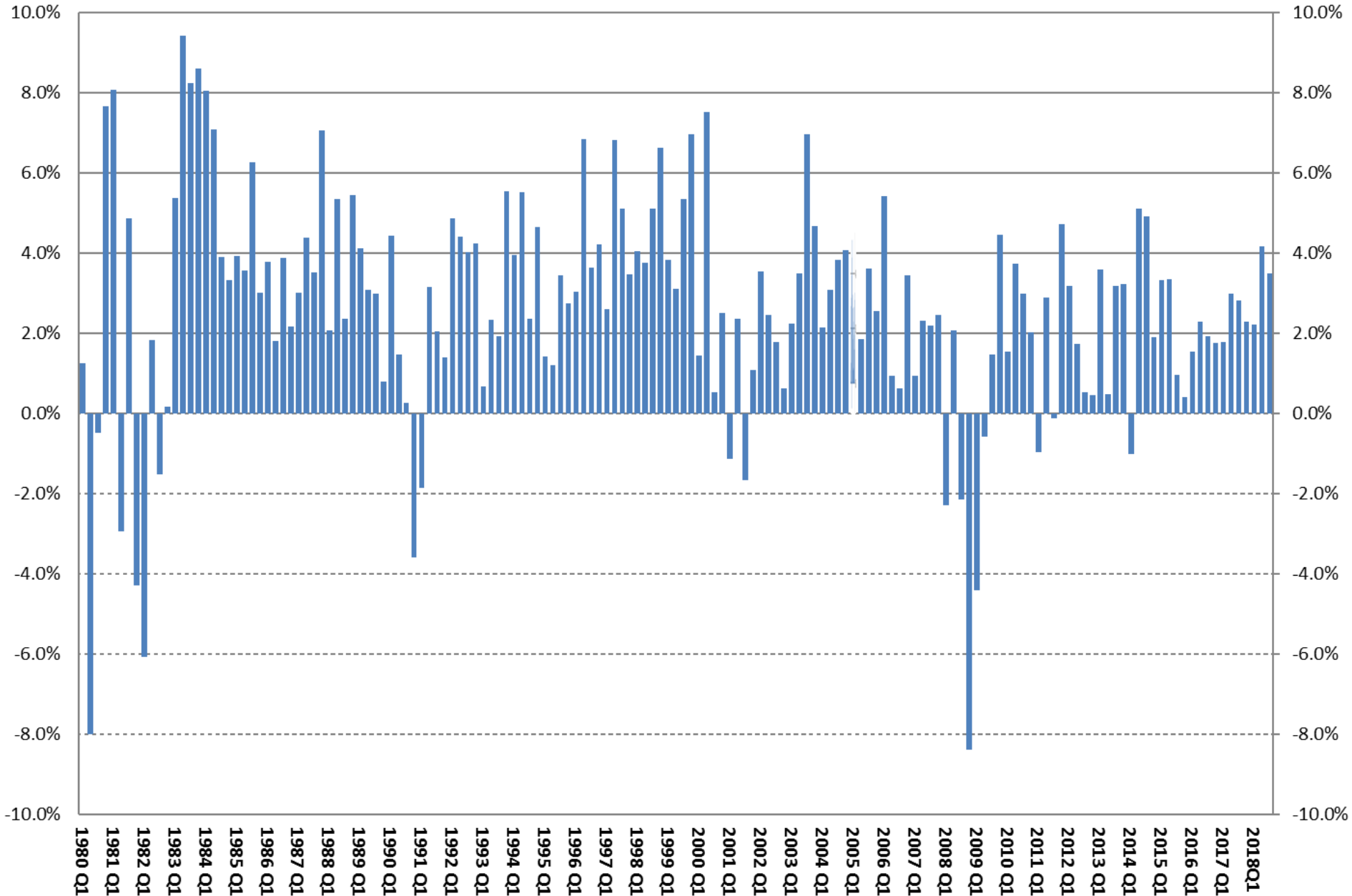
- Status of the US Economy
- Commodity Markets and Implied World Growth
- International Trade Balances: Selected Regions
- The Fed's Balance Sheet
- Educational Attainment and Job Market Success
- Status of the Oklahoma Economy
- Energy Markets and Implications
- Oklahoma's State Tax Base Trends



Status of the National Economic Recovery

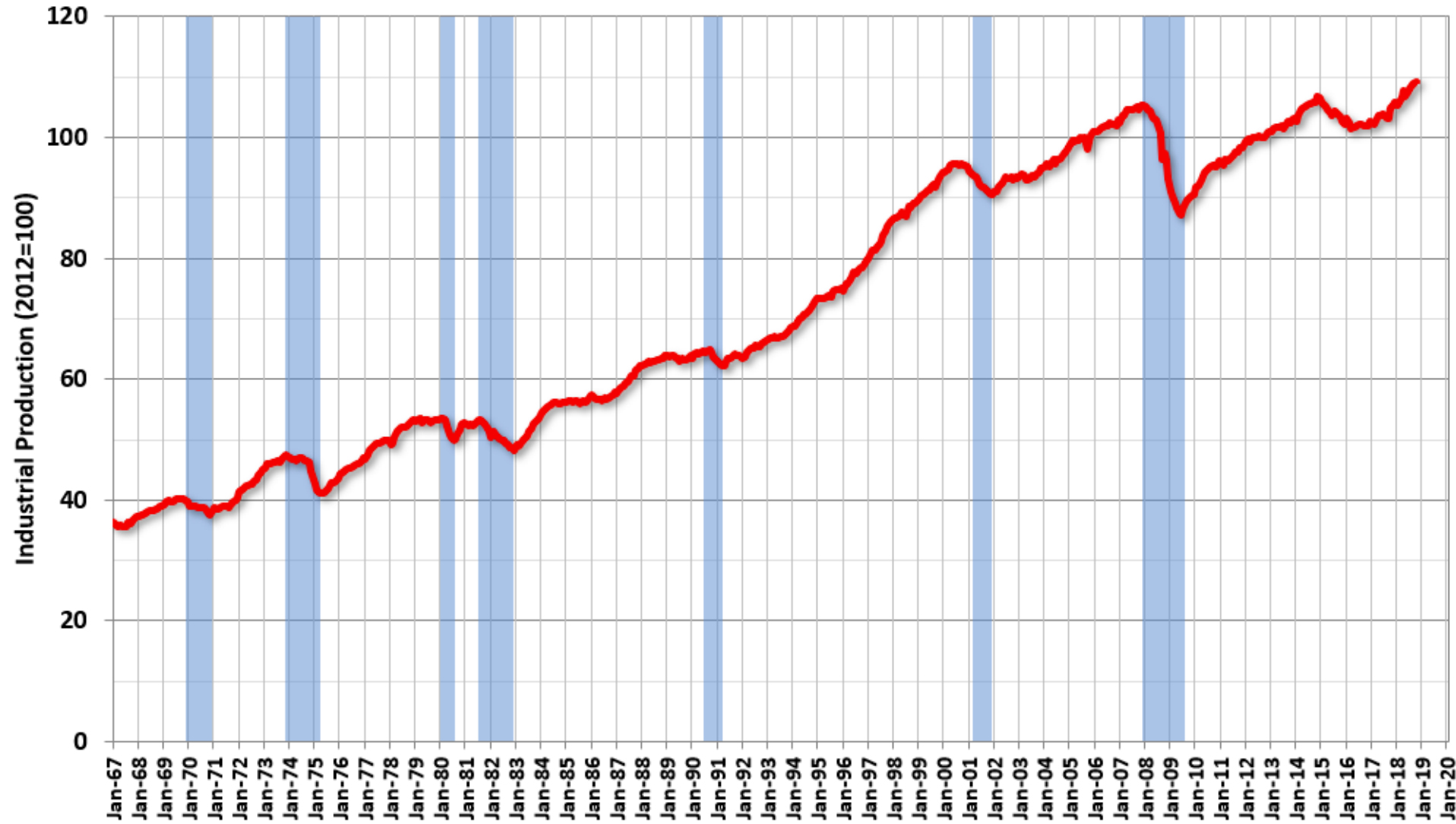


Real Annualized GDP Growth



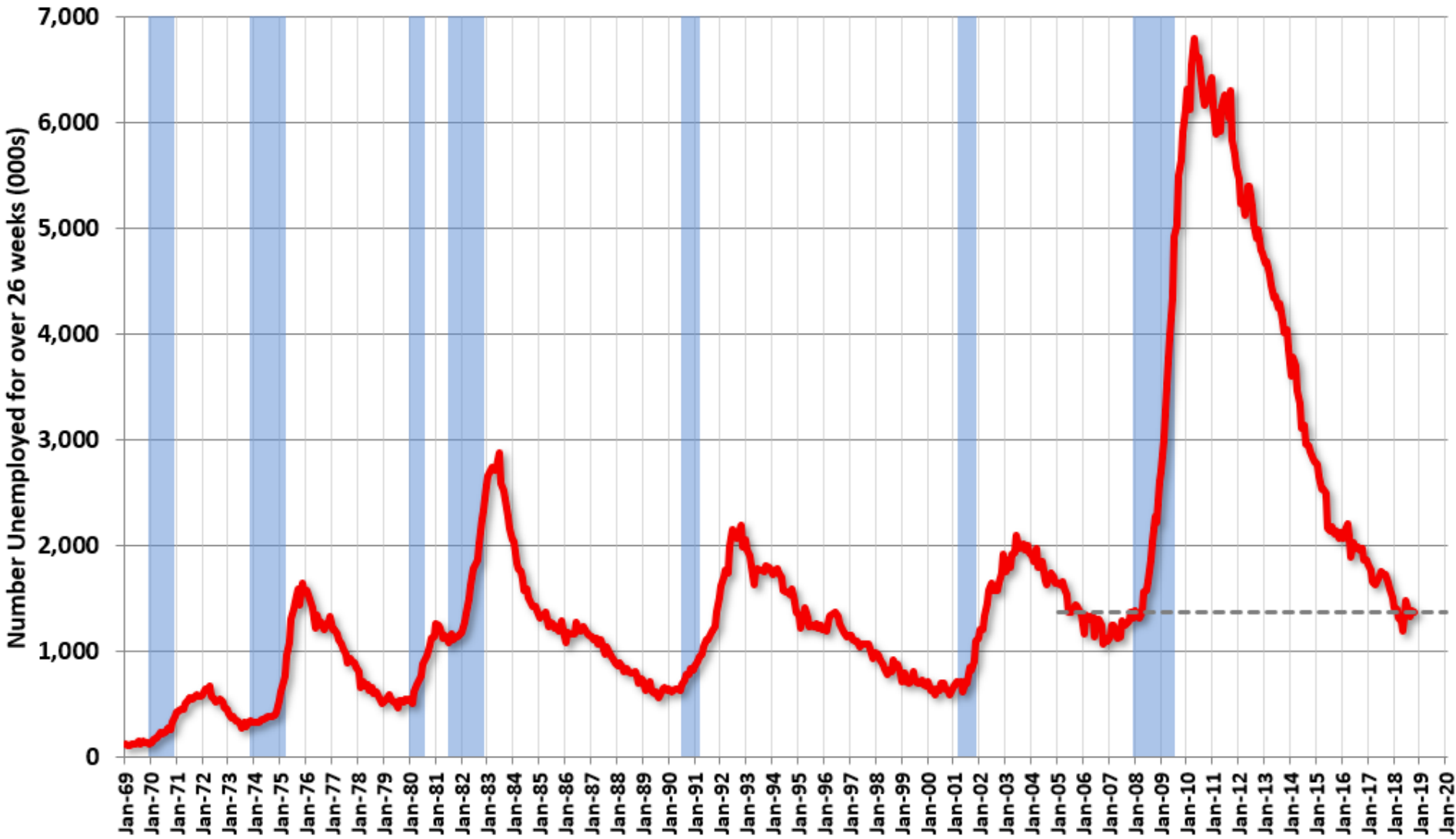
Industrial Production

Recession Total Index



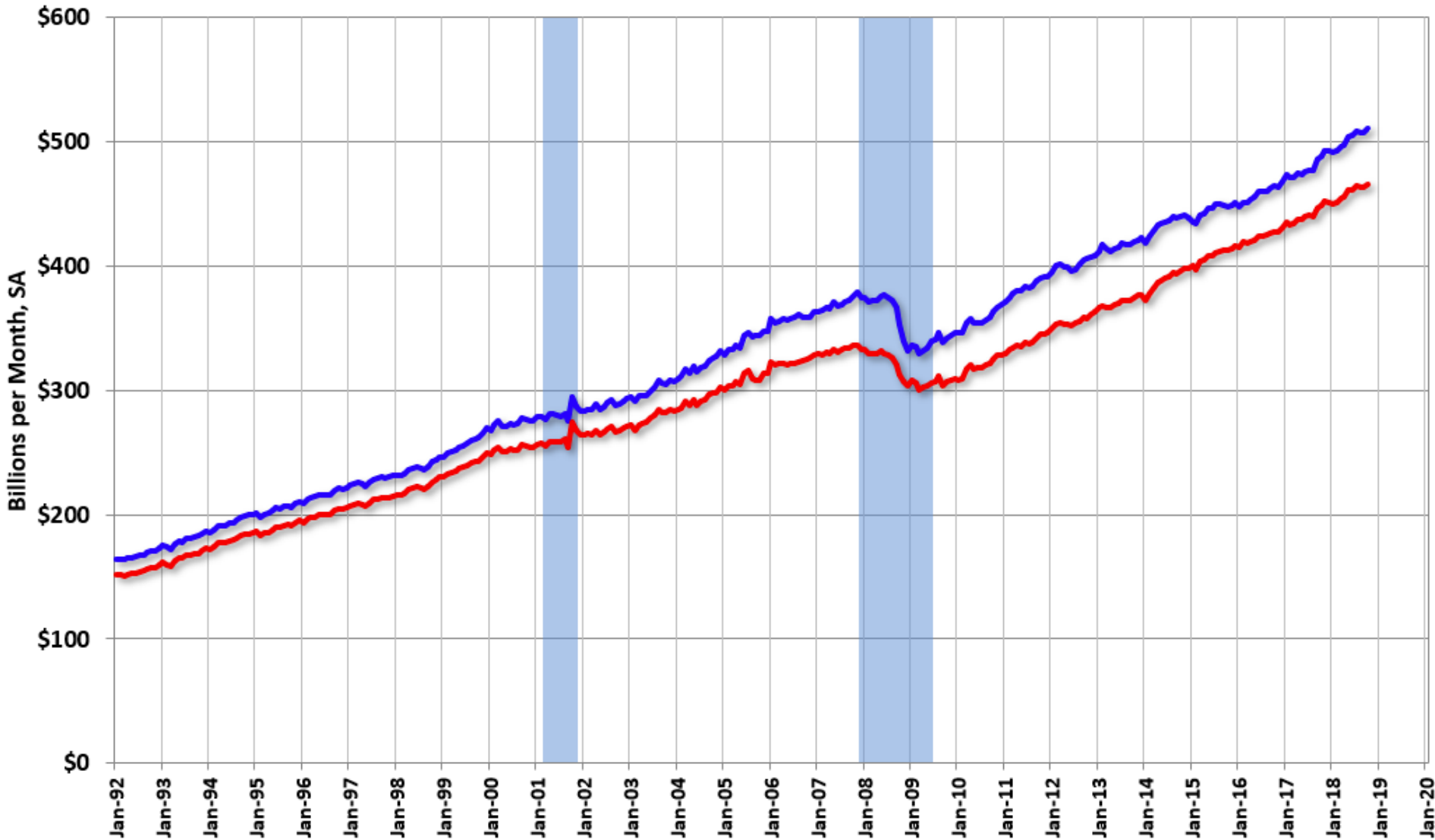
Unemployed for Over 26 Weeks

Recession Number Unemployed for 27 Weeks & over Current level

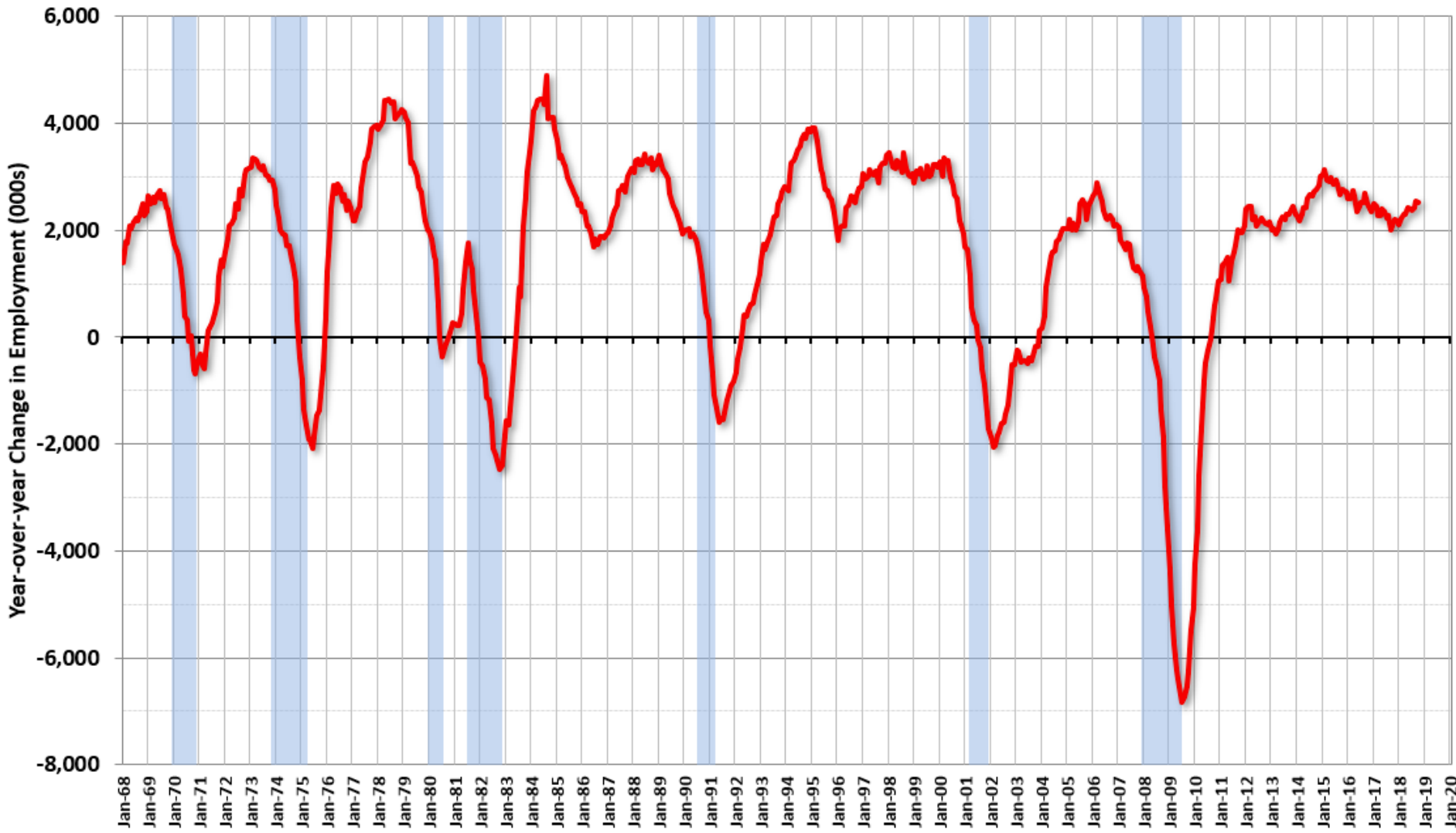


U.S. Retail Sales

Recession Retail and Food Services Ex-Gasoline

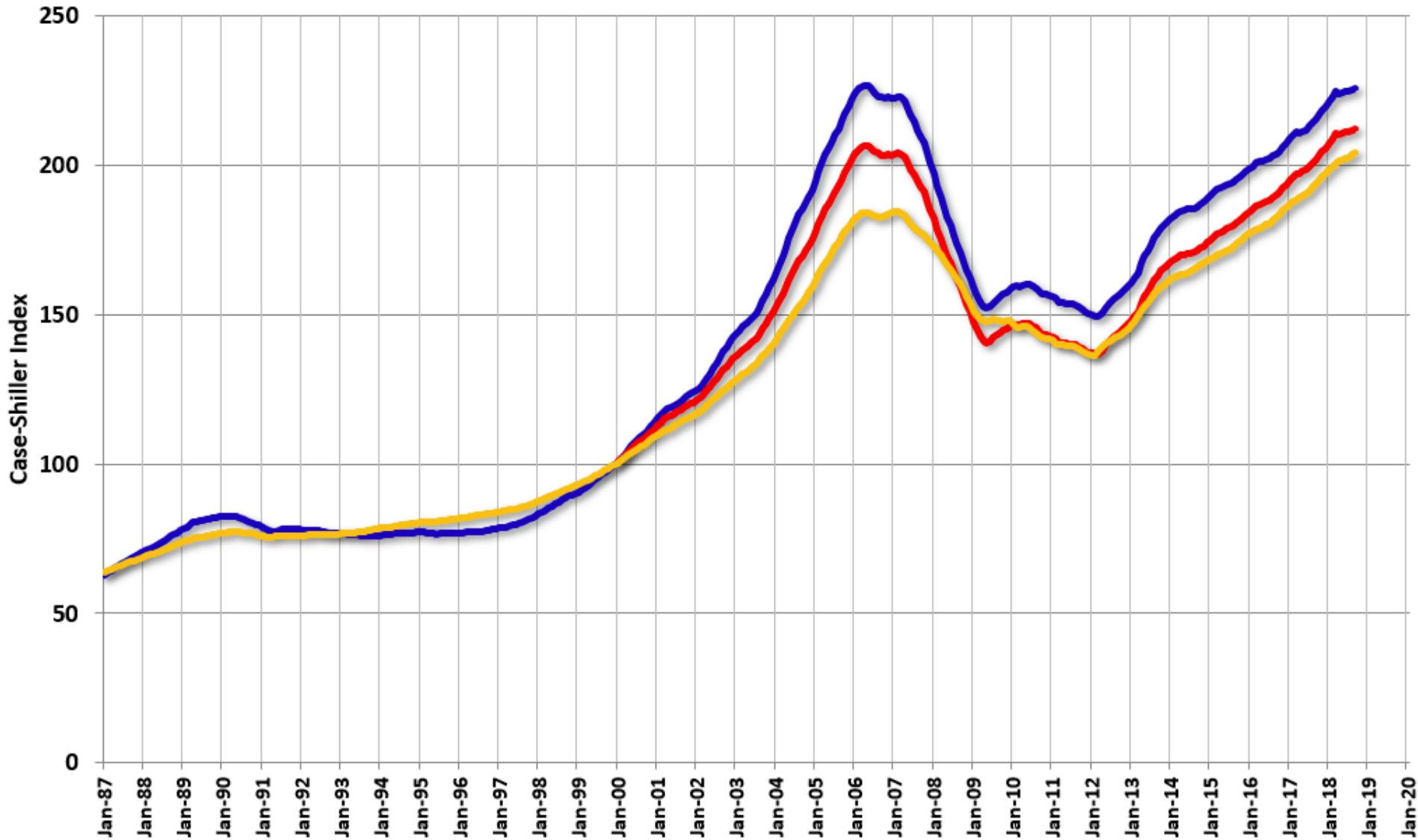


Year-over-Year Change in Employment



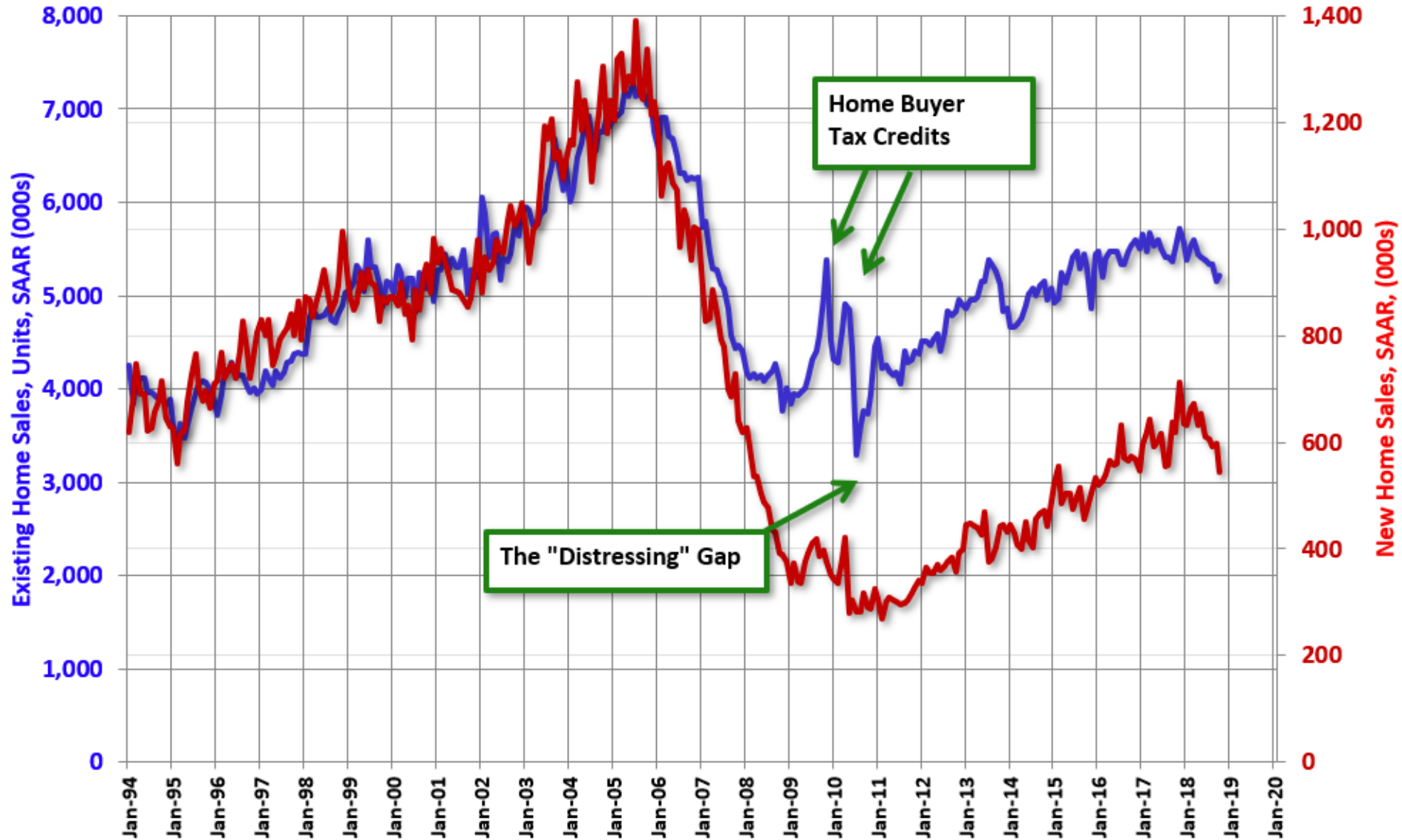
Case Shiller National and Composite Indices SA (Nominal)

Composite 10 Composite 20 National Index



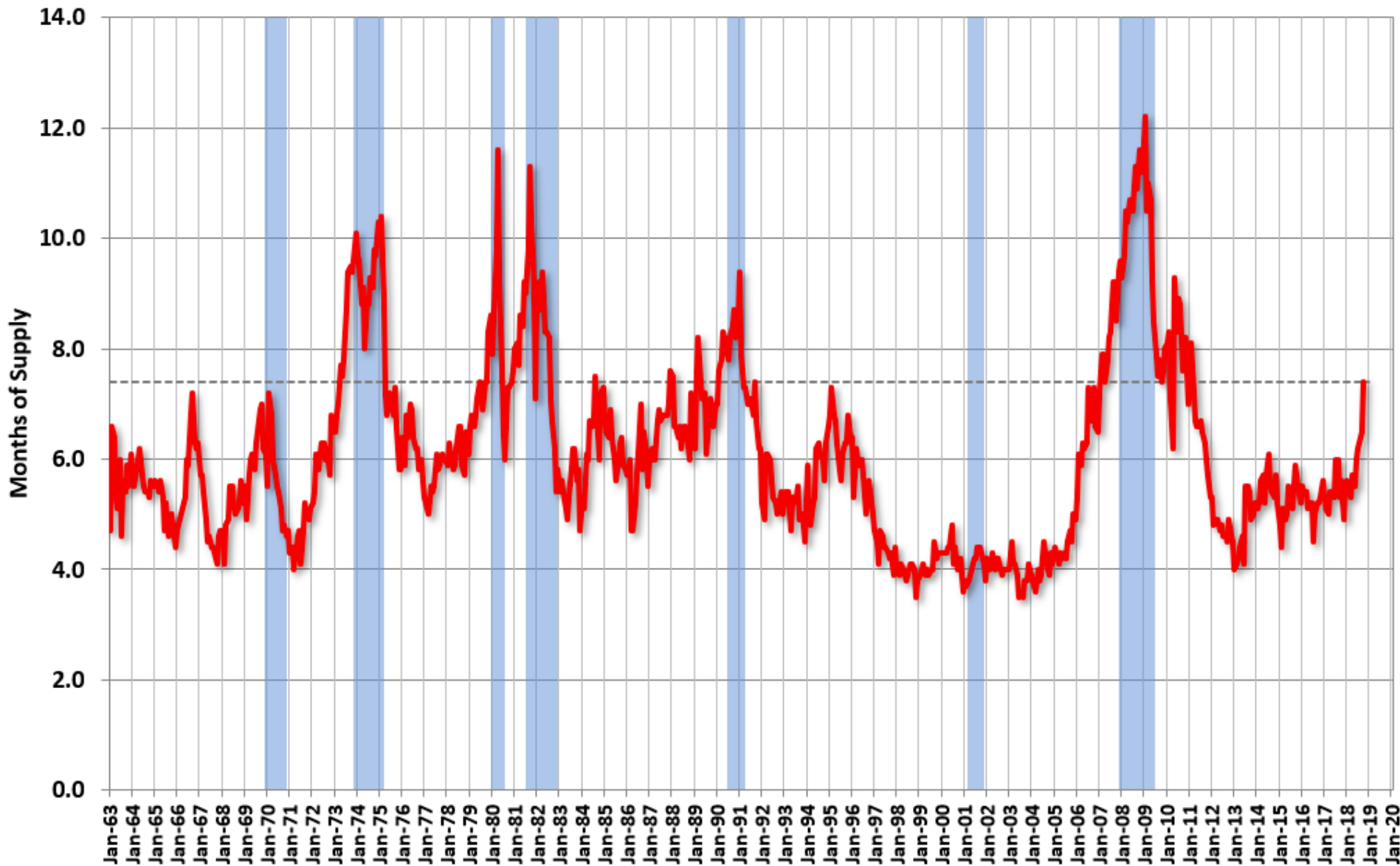
New and Existing Home Sales

Existing Home Sales (left axis) New Home Sales (right axis)



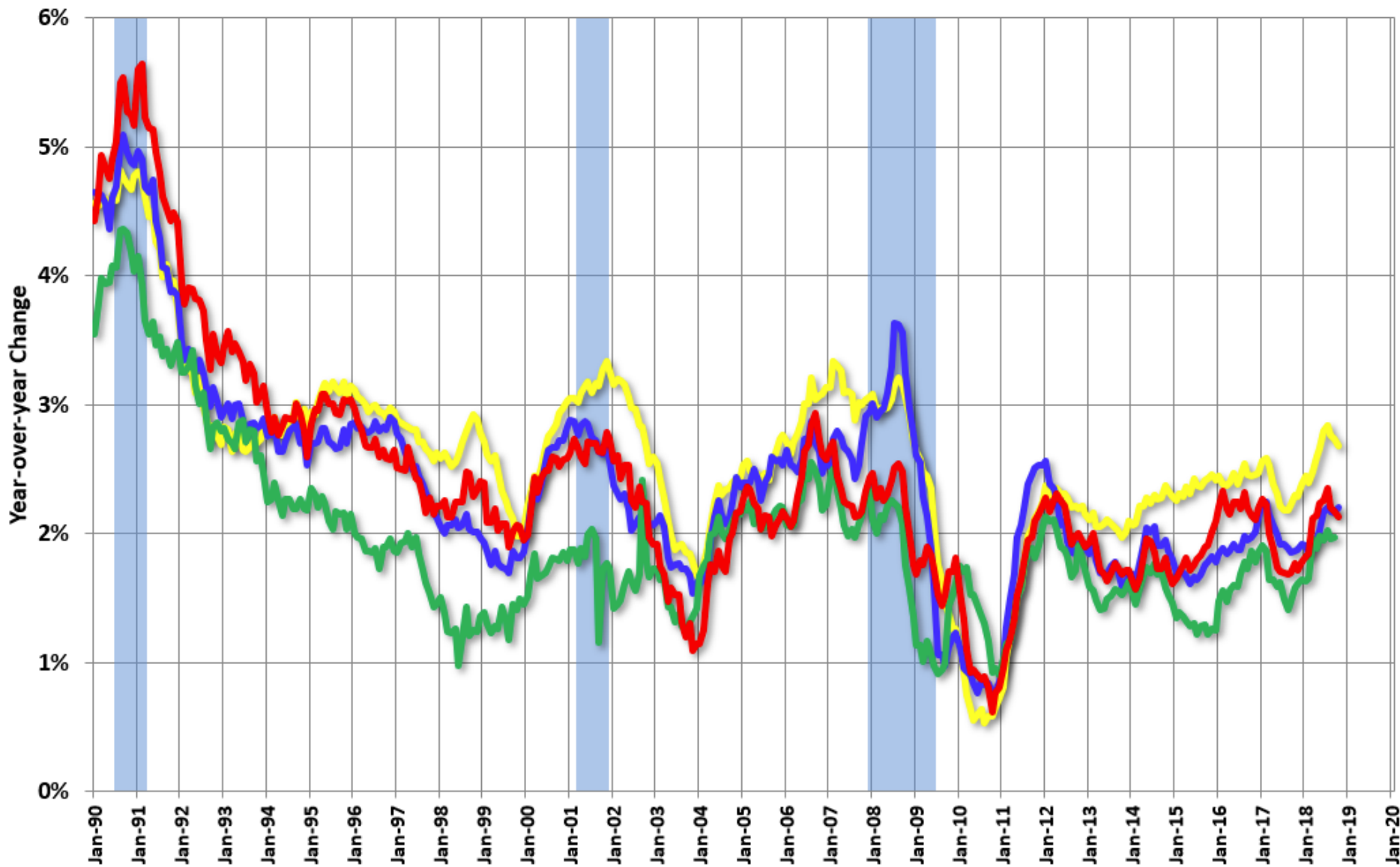
New Homes: Months of Supply

Recessions Current Level Months of Supply



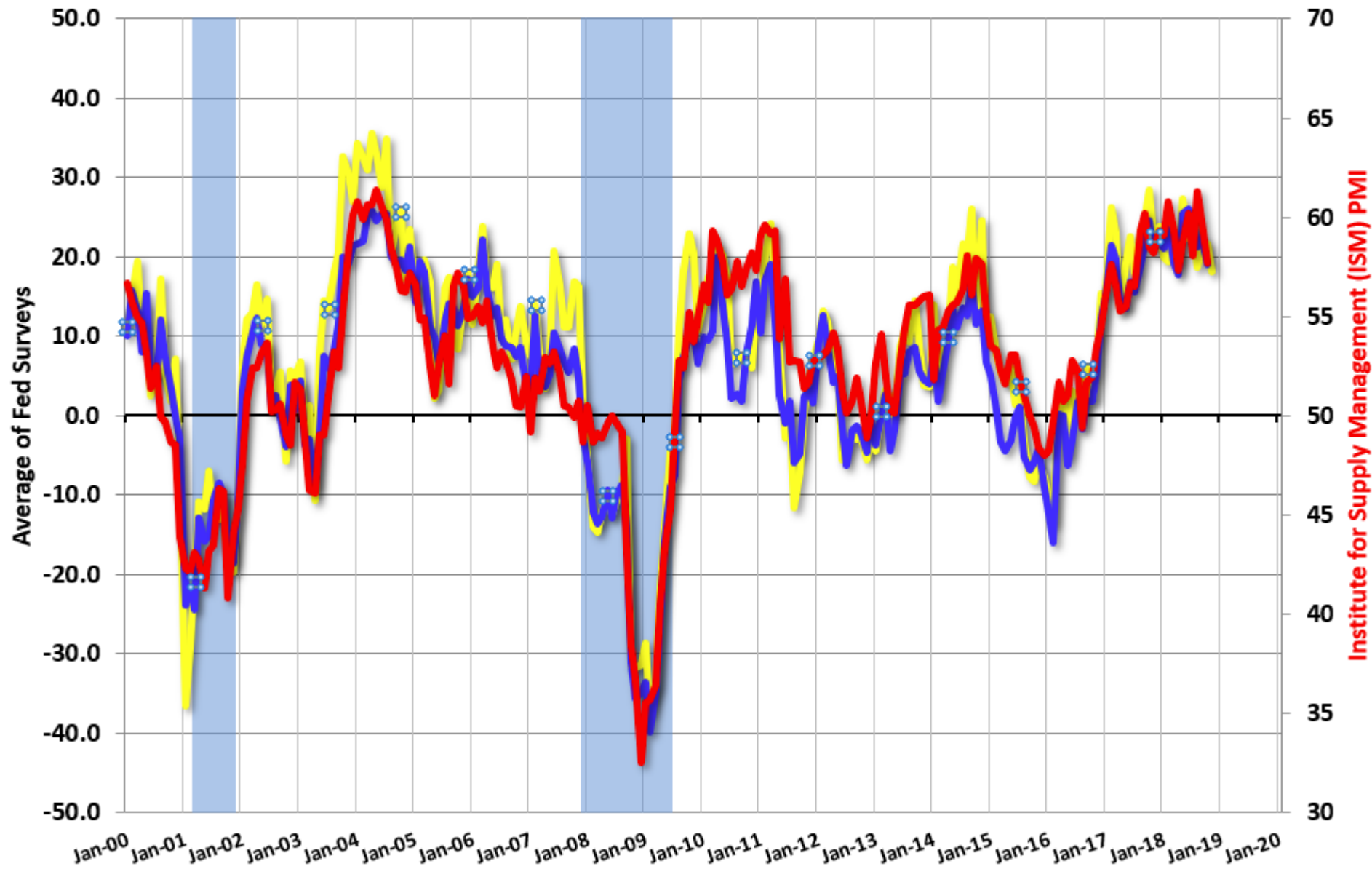
U.S. Inflation, Year-over-Year Change, Four Measures

Recession Revised FRB Cleveland Median CPI Revised FRB Cleveland 16% trimmed mean Core PCE Core CPI



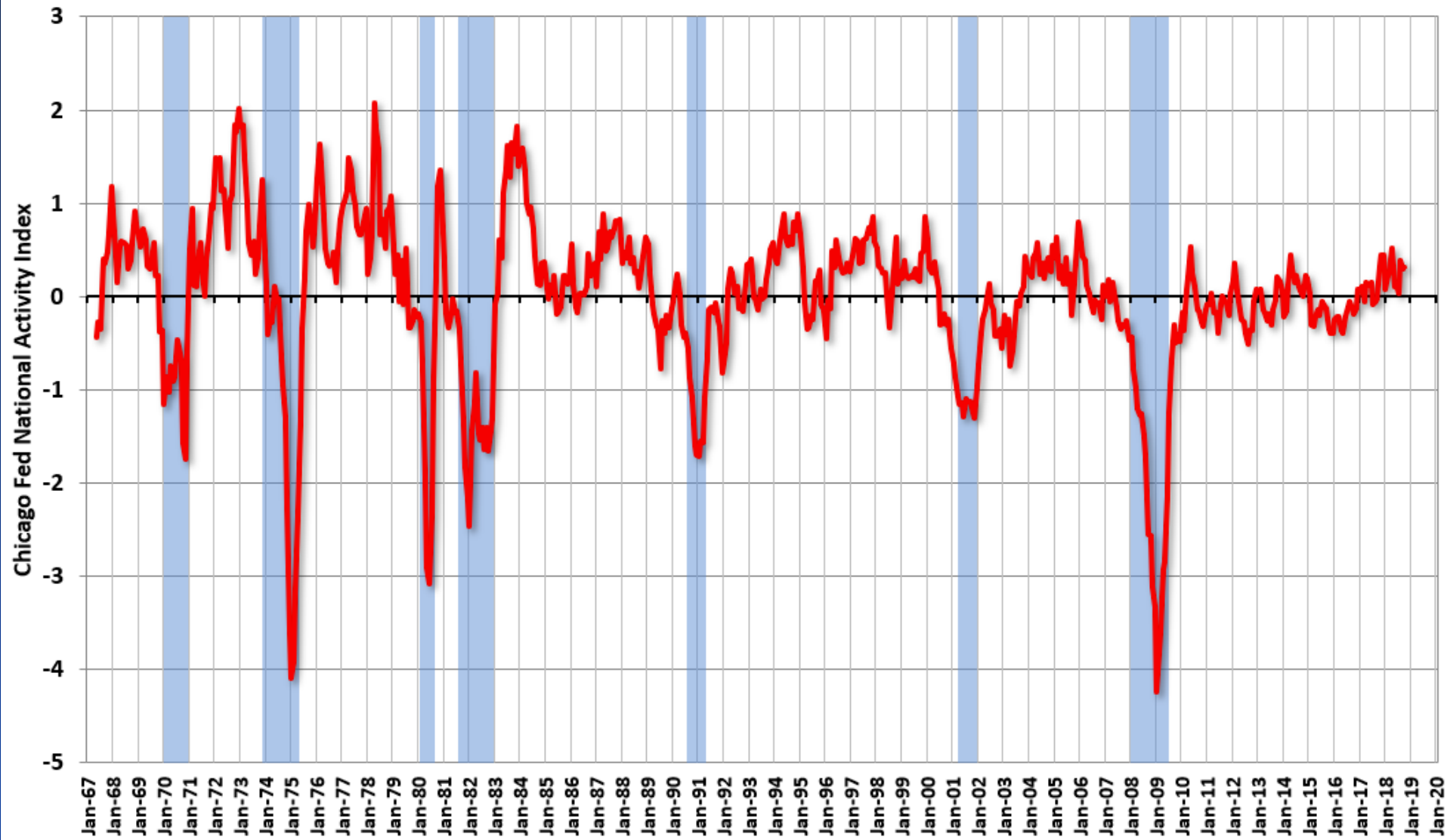
ISM Purchasing Managers' Index (PMI) and Fed Manufacturing Surveys

Recession Average Philly and NY (Nov) Average All Fed Surveys (through Oct) ISM PMI (Oct)



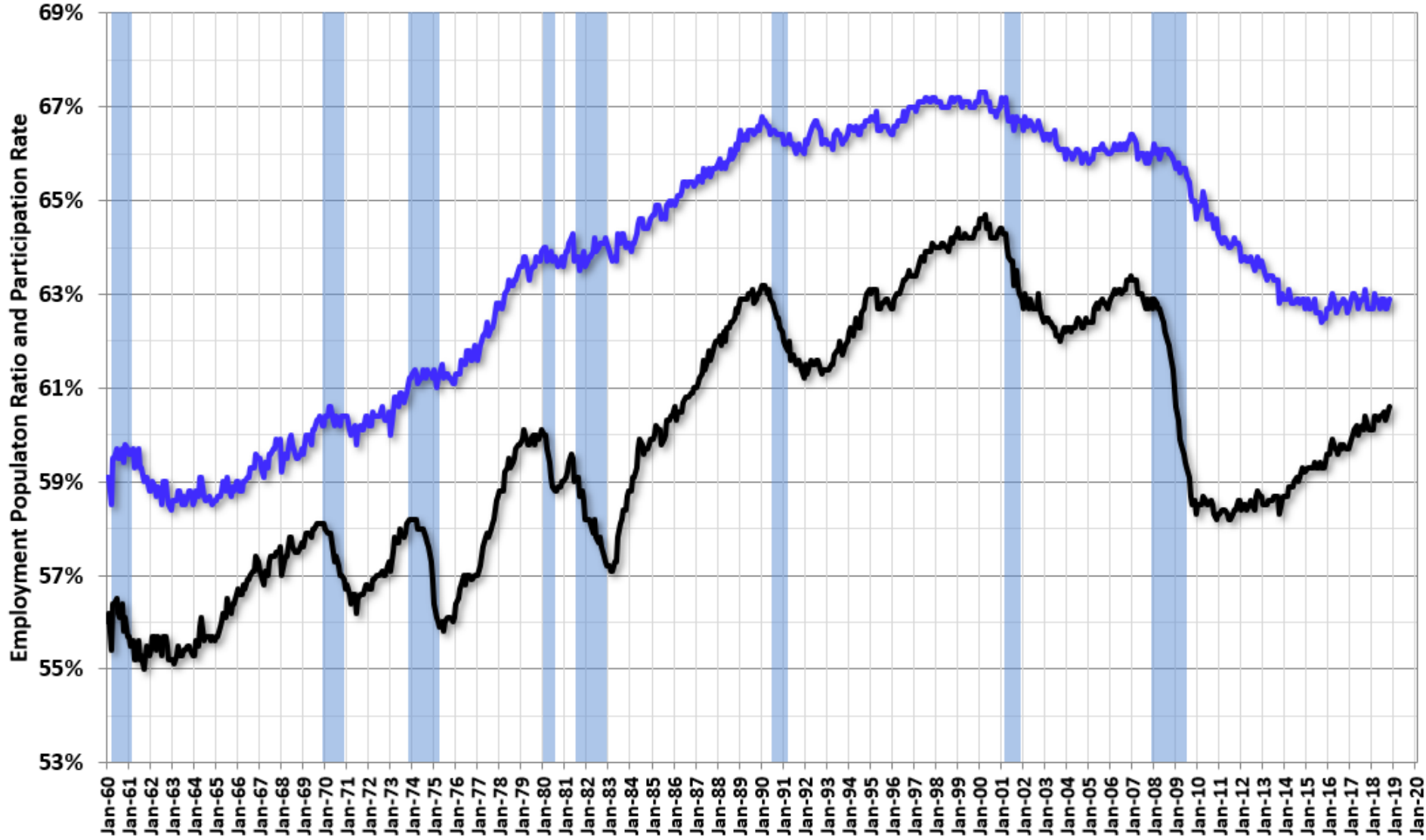
Chicago Fed National Activity Index (Three Month Moving Average)

Recession CFNAI-MA3

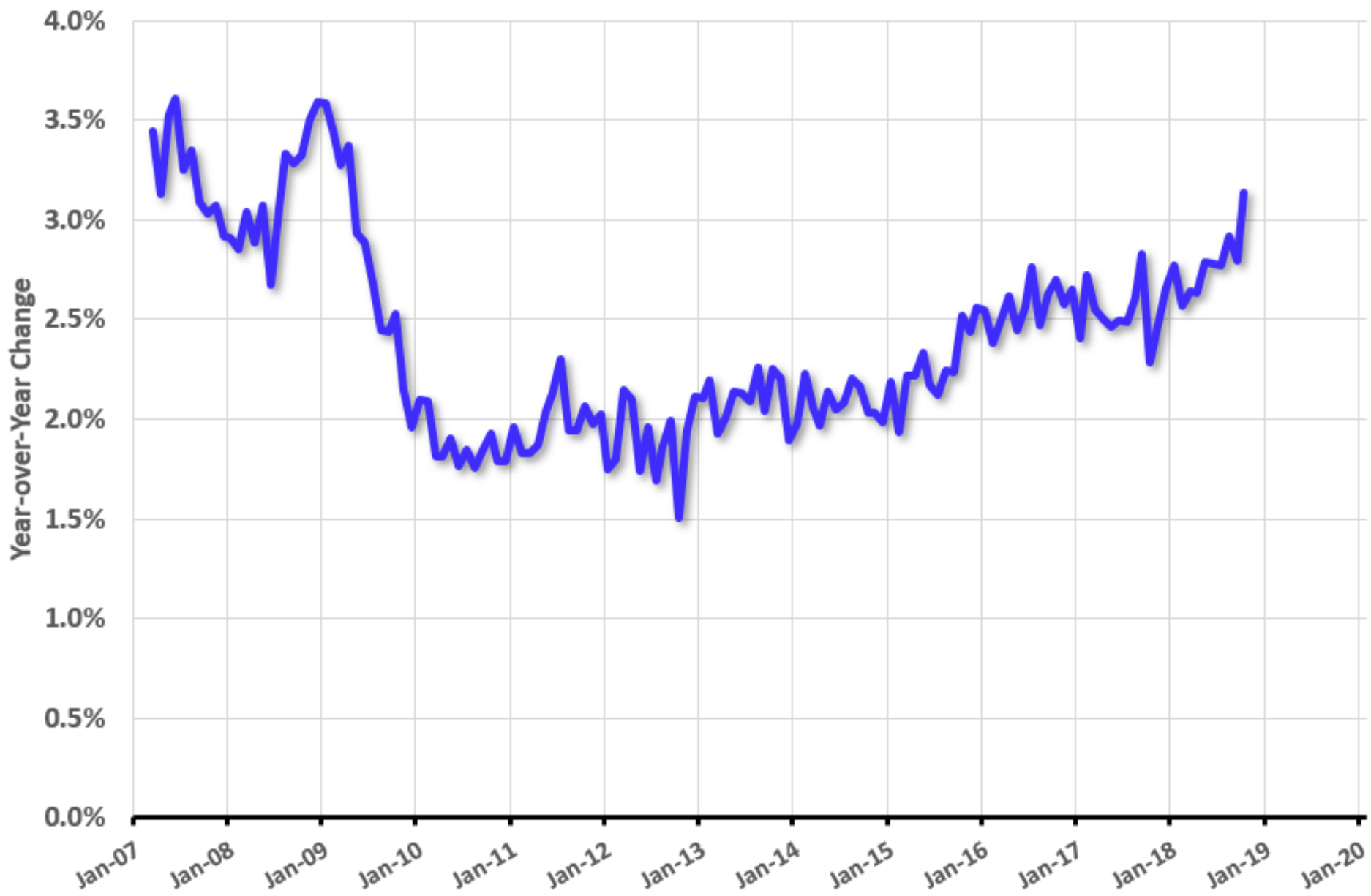


Employment Population Ratio and Participation Rate

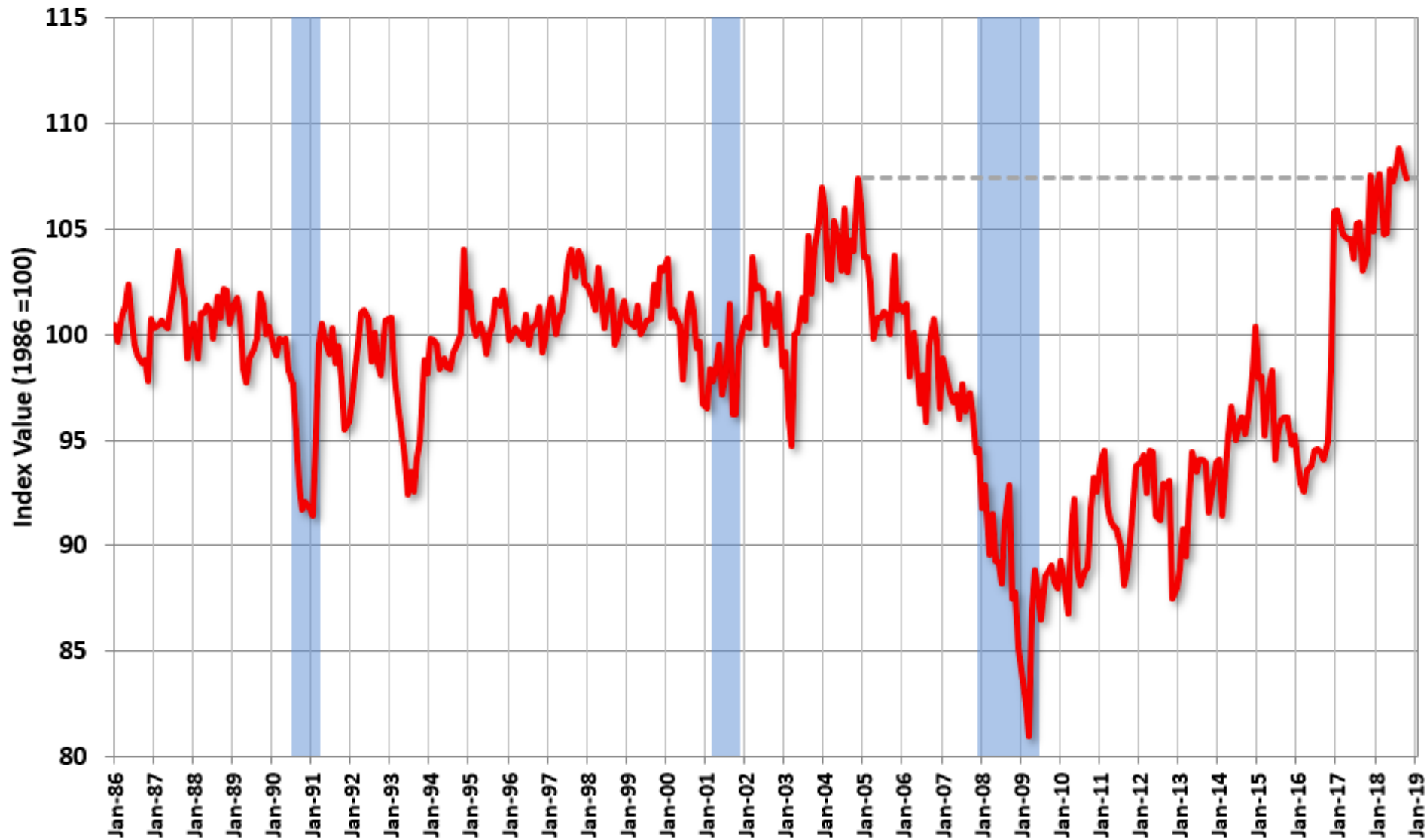
Recession Employment-Population Ratio Participation Rate



Average Hourly Earning of all Employees, Year-over-year Change

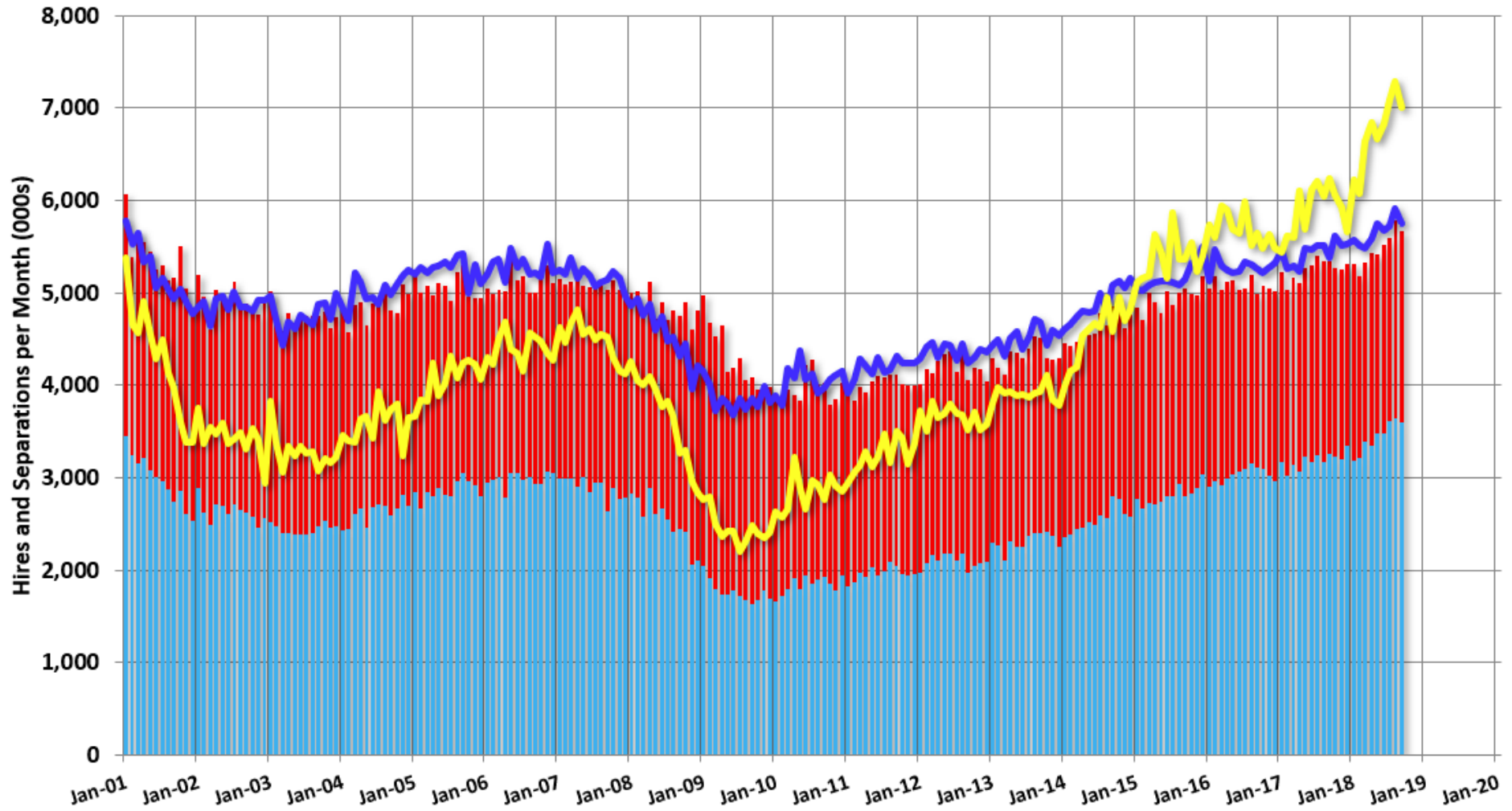


Small Business: Optimism Index



Hires and Separations Monthly (SA) from Job Openings and Labor Turnover Survey (JOLTS), Source: BLS

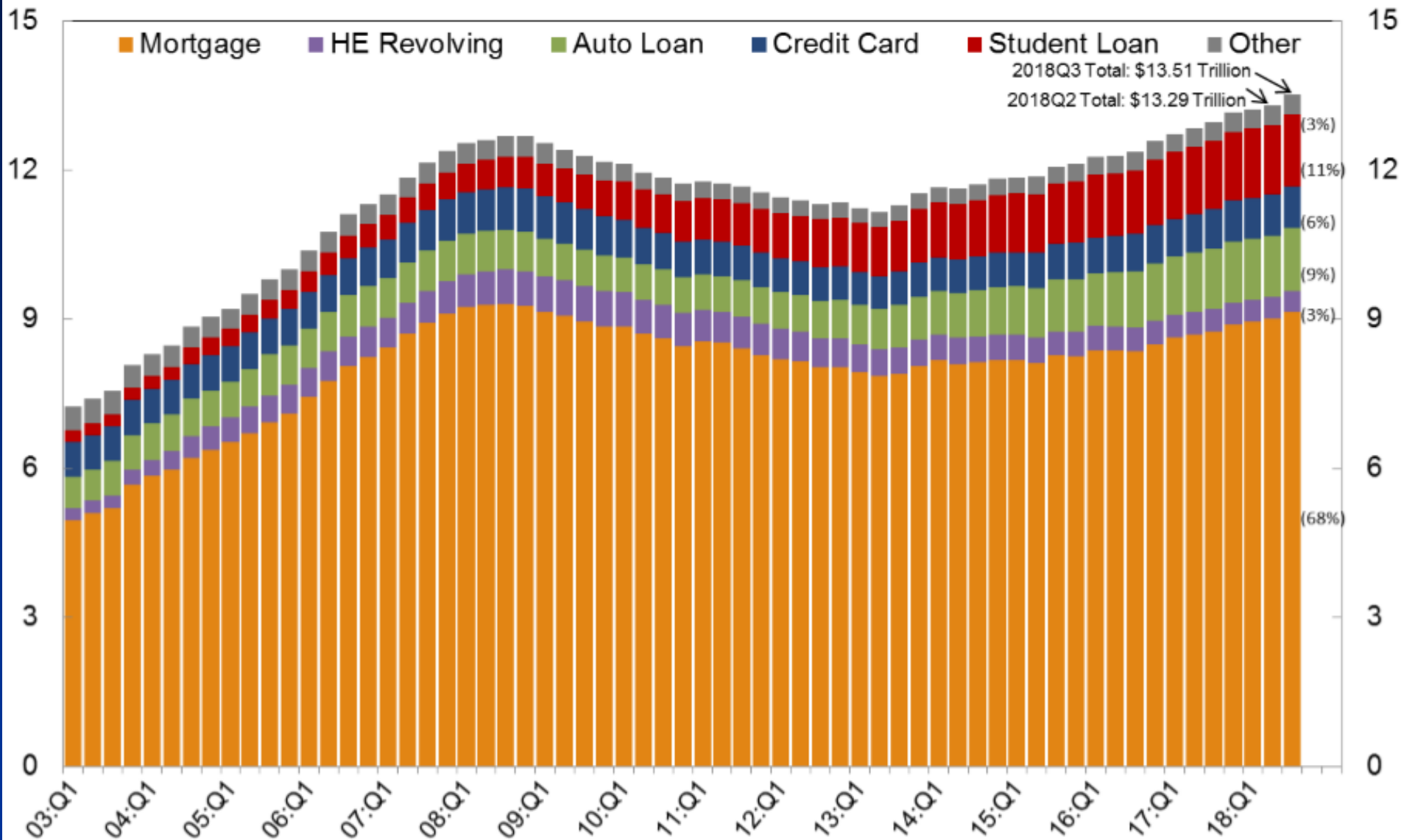
Quits Layoffs, Discharges and Other Hires Job openings



Total Debt Balance and its Composition

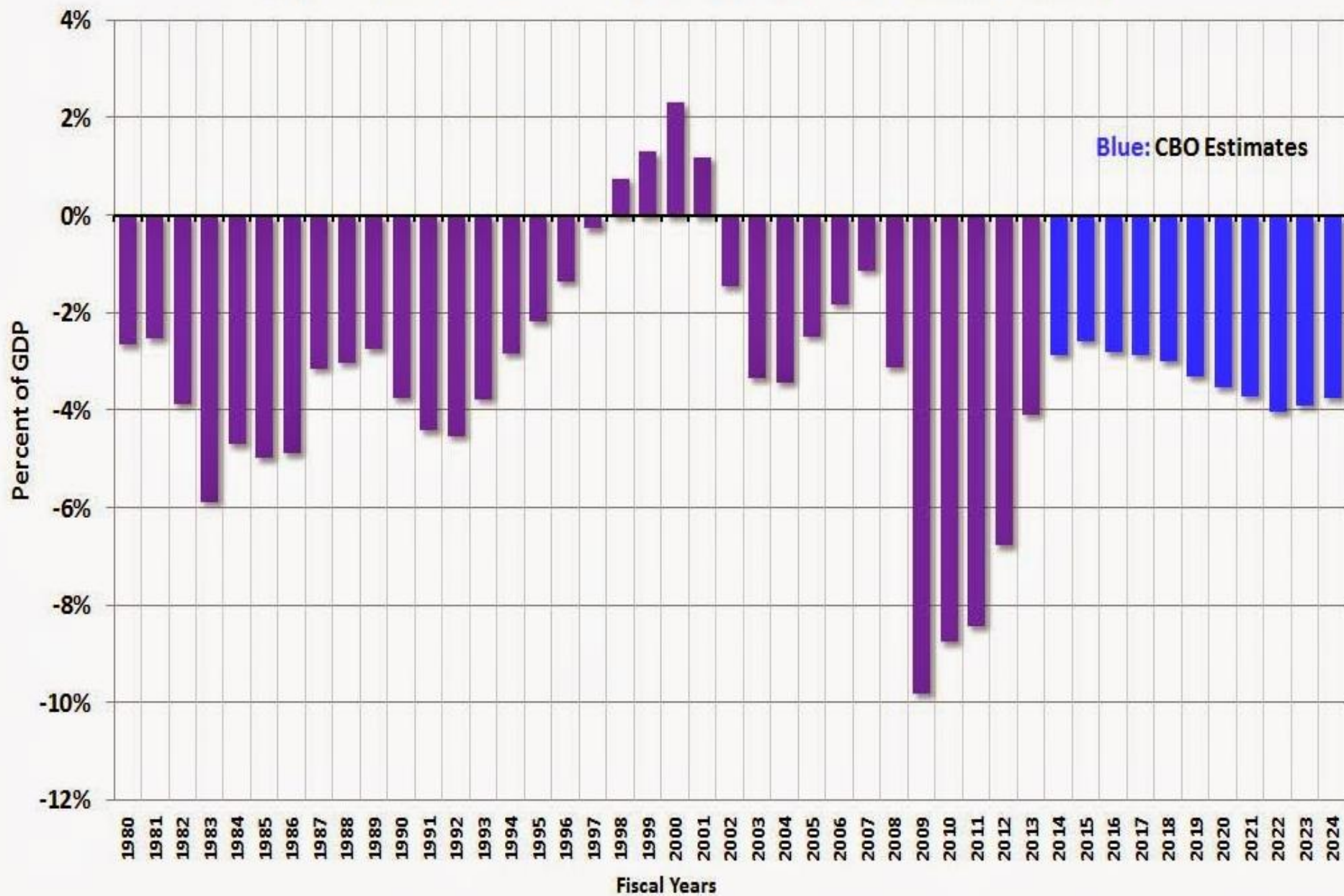
Trillions of Dollars

Trillions of Dollars



Source: New York Fed Consumer Credit Panel/Equifax

Budget Surplus / Deficit as Percent of GDP (Fiscal 2014-2024 estimates)



Commodity Markets

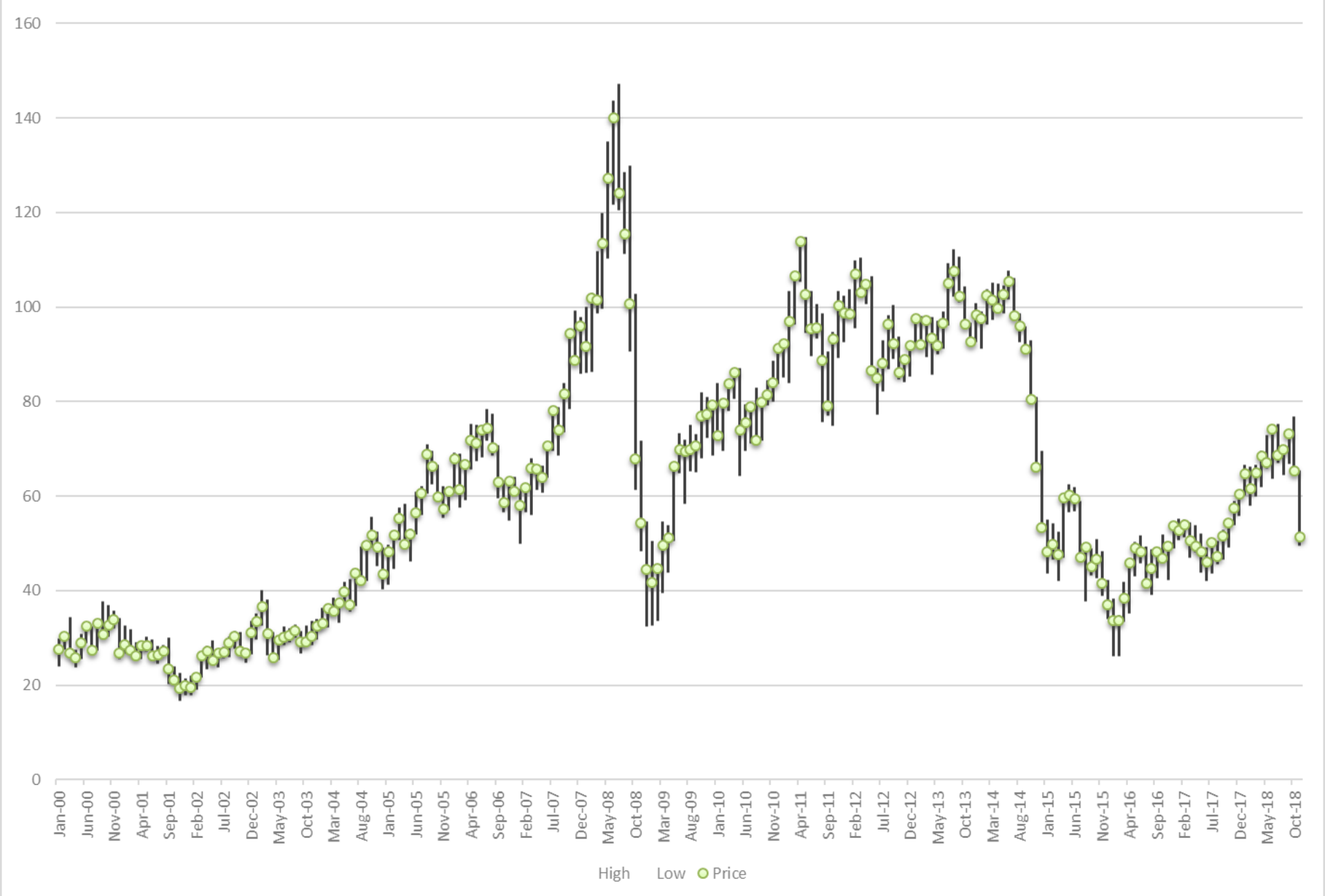
And, What They Are Signaling



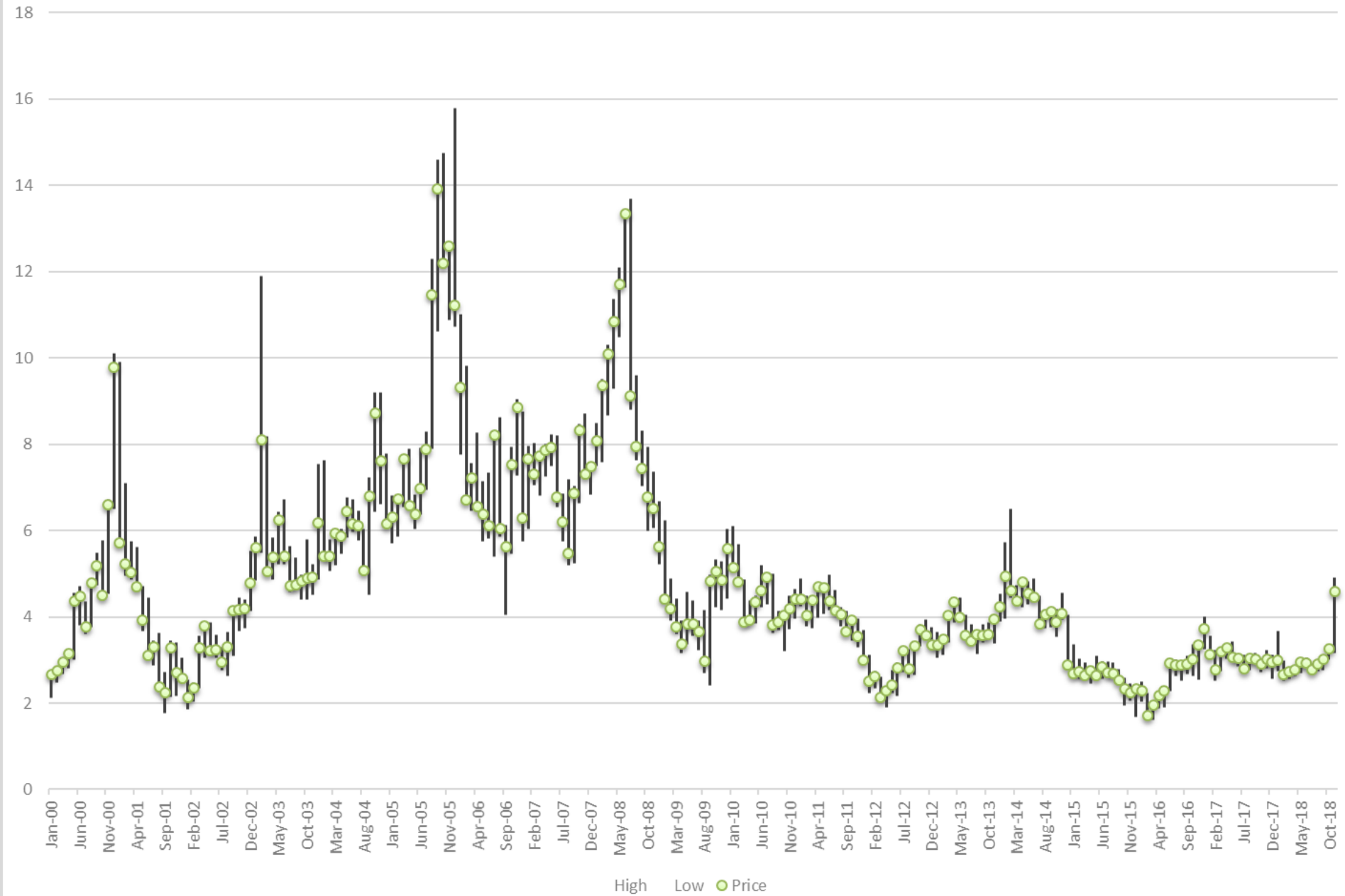
Dr. Copper Historical Prices--Monthly, 2000 - Present



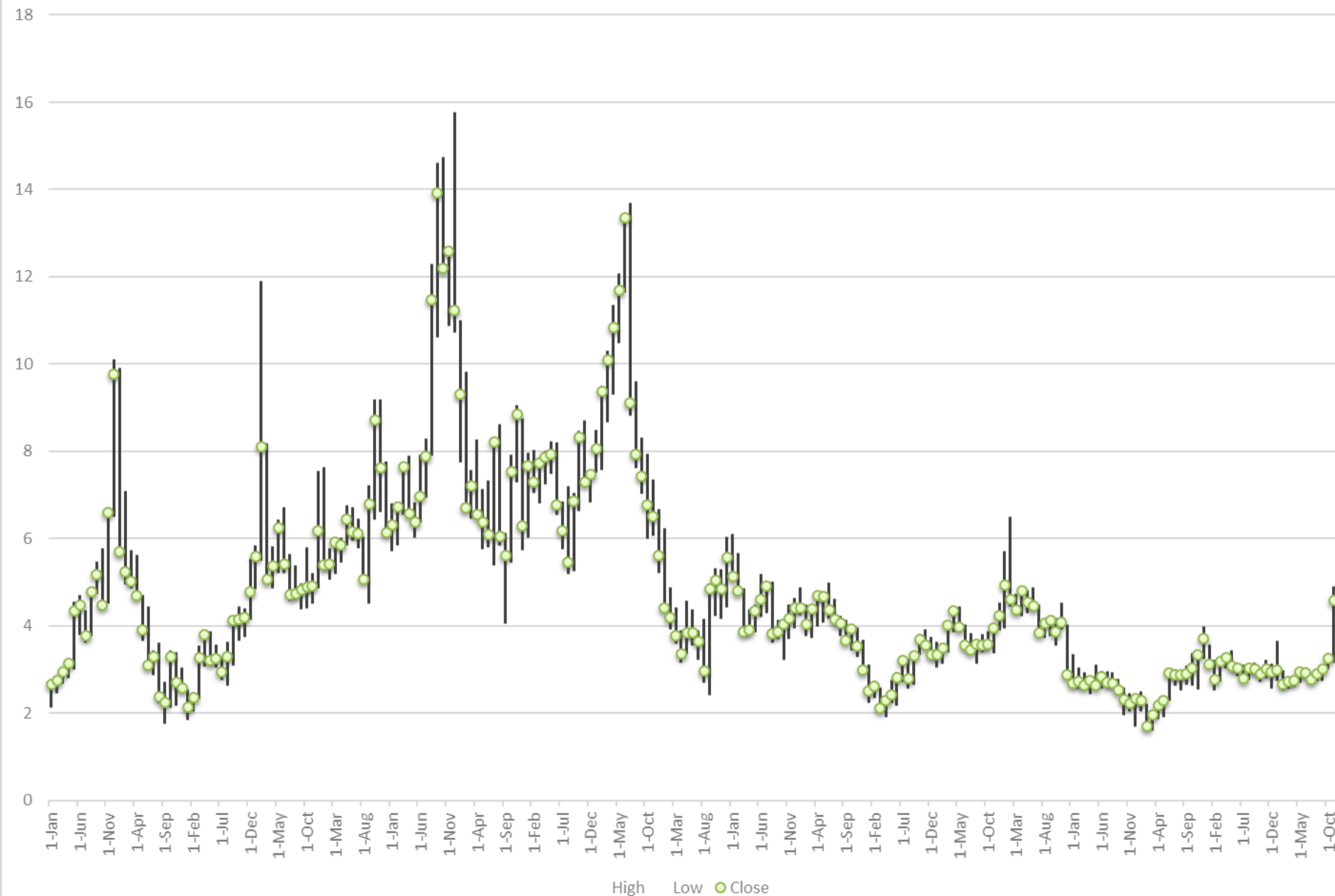
Monthly Crude Oil Futures--2000 - Present



Monthly Natural Gas Prices-- 2000 - Present



Wheat Futures Prices-- 2000 - Present



International Trade Patterns

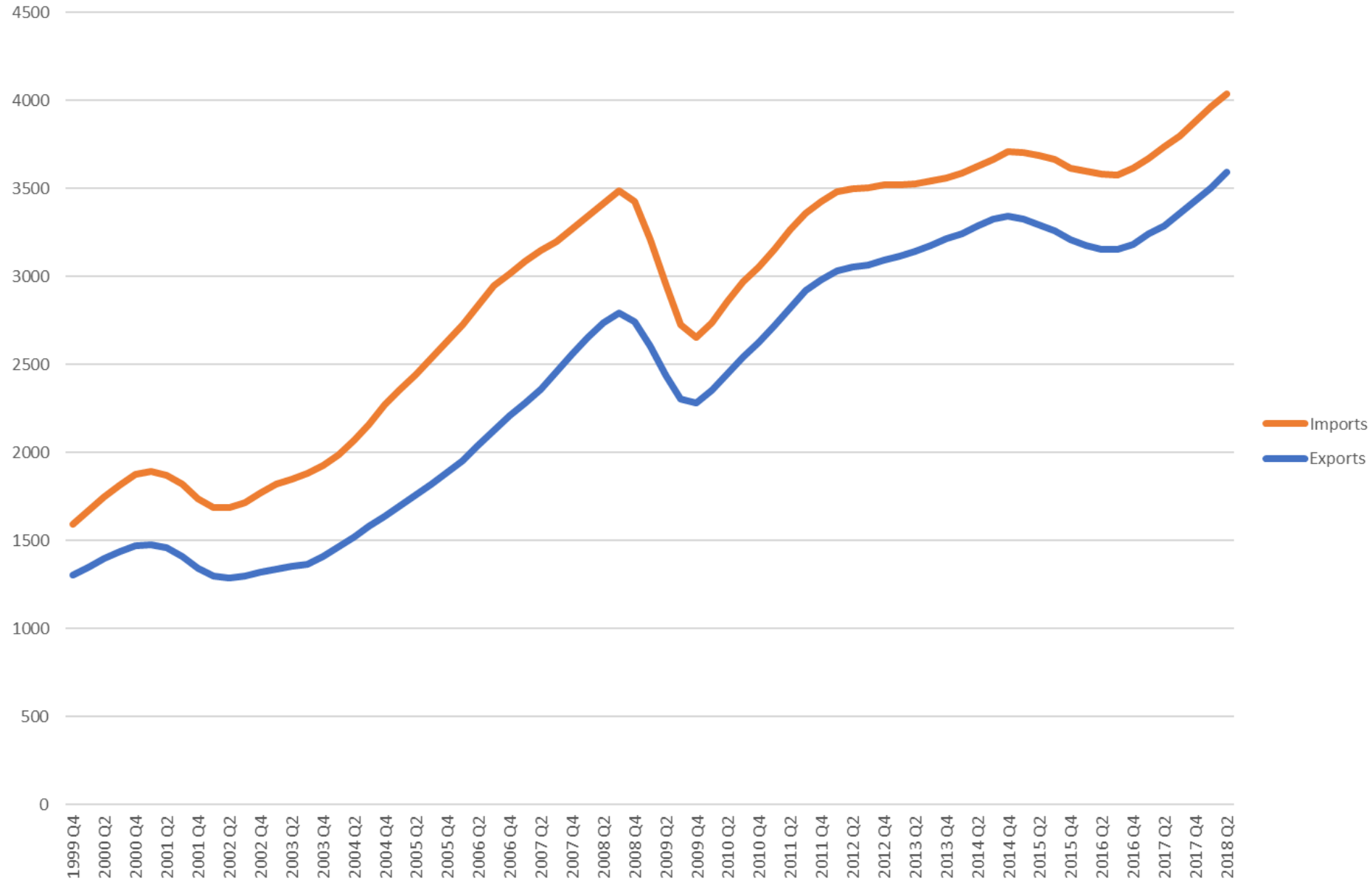
Prelude to Trade War



International Current Account Balances: U.S. Totals

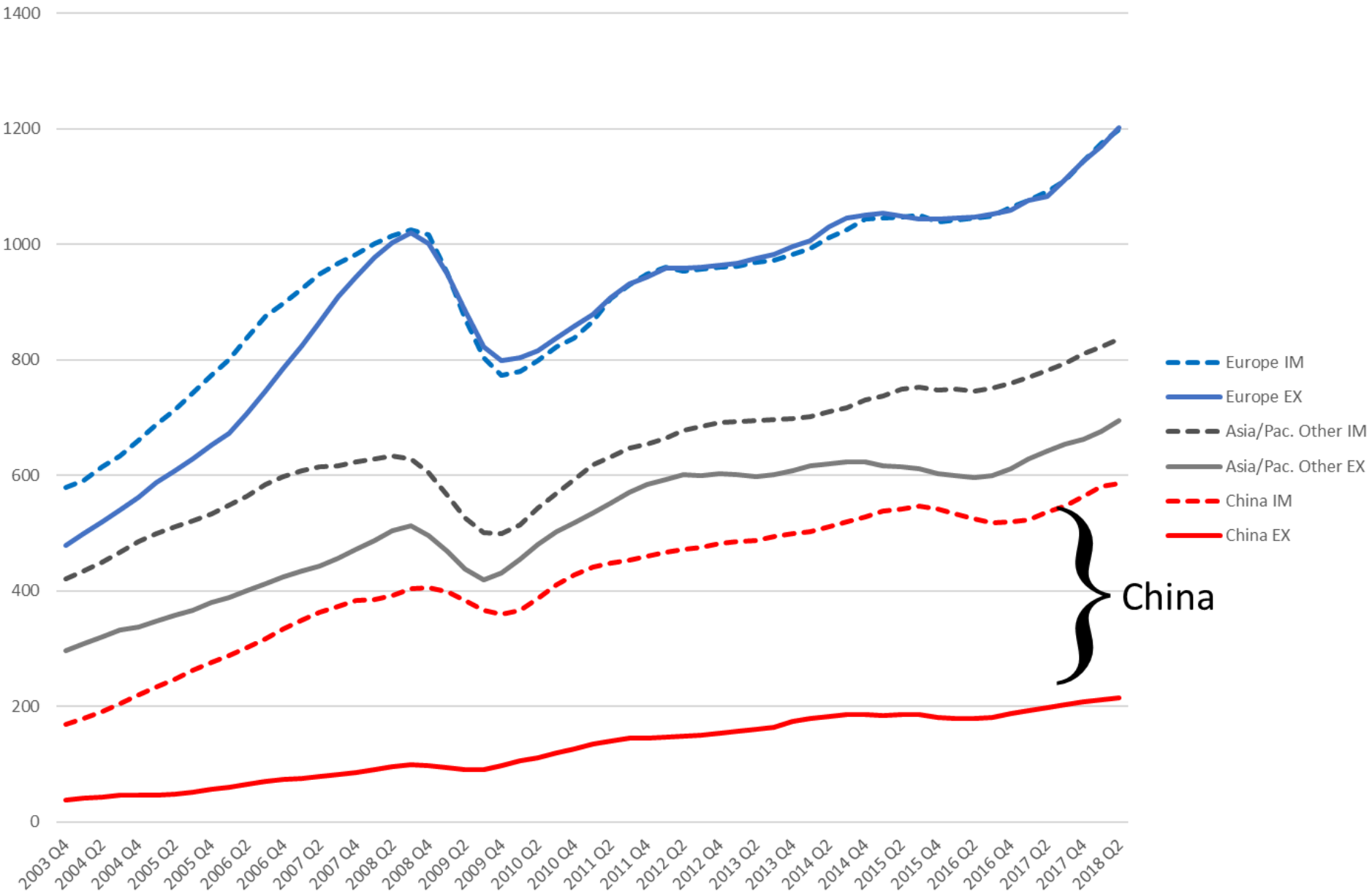
2003.Q3 - 2008.Q2

\$Billions
Annually



International Current Account Balances: Selected Regions

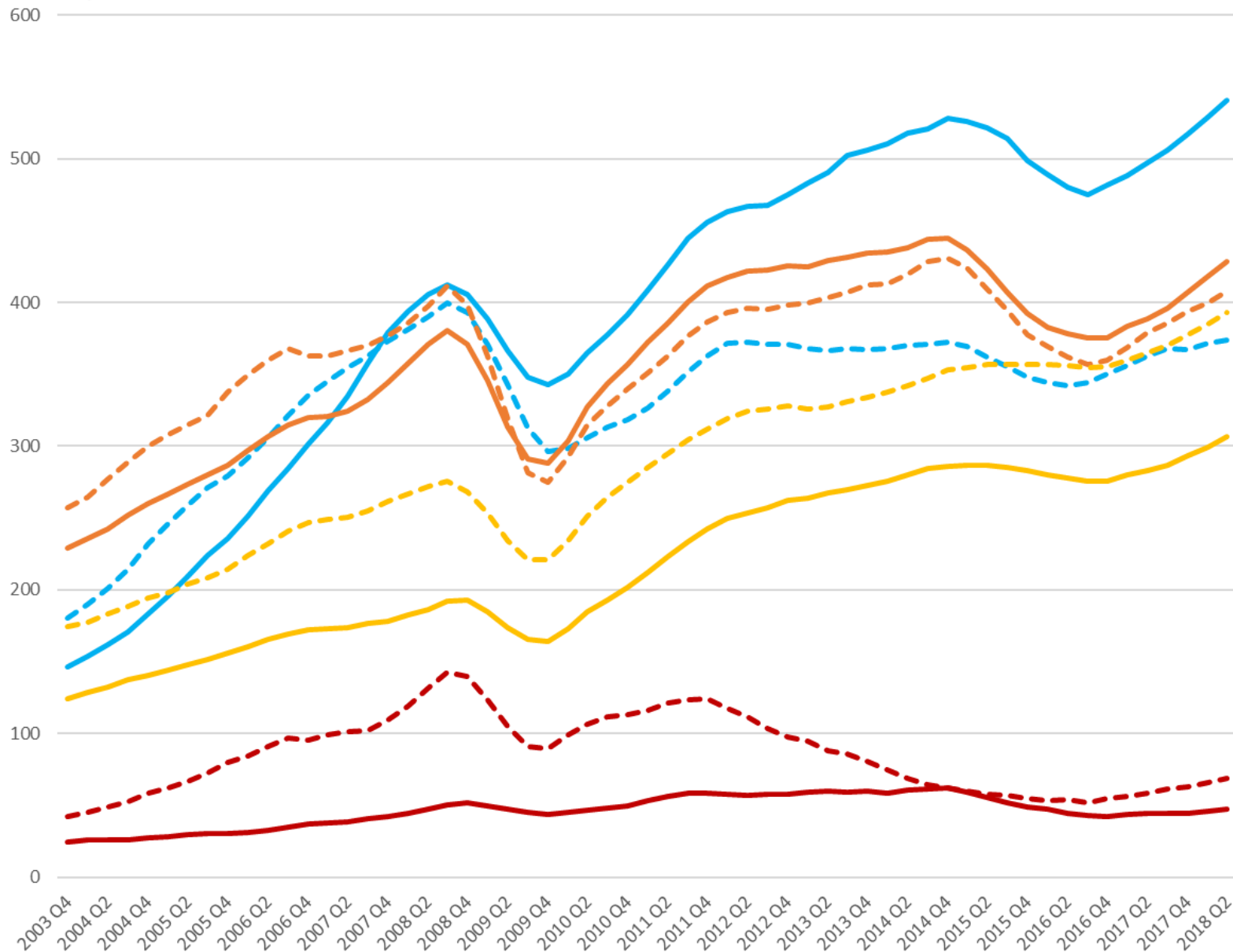
2003.Q3 - 2008.Q2



International Current Account Balances: Selected Regions

2003.Q3 - 2008.Q2

\$Billions
Annually



Monetary Policy

Federal Reserve's "Partial QE Retreat"
and ECB and BOJ Pause



Fed's Magical Balance Sheet

Fed's Balance Sheet January 2, 2008 (\$billions)

U.S. Treasury securities	740.6	Reserve balances with F.R. Banks	13.0
Federal agency debt securities	0.0	Currency in circulation	829.1
Mortgage-backed securities	0.0	Reverse repurchase agreements	41.9
Credit loans	4.8	Treasury cash holdings	0.3
Other loans	108.8	Other deposits with F.R. Banks	16.1
Other Federal Reserve assets	74.9	Other liabilities and capital	39.8
Gold stock	11.0		
Total	940.1	Total	940.1

Fed's Magical Balance Sheet

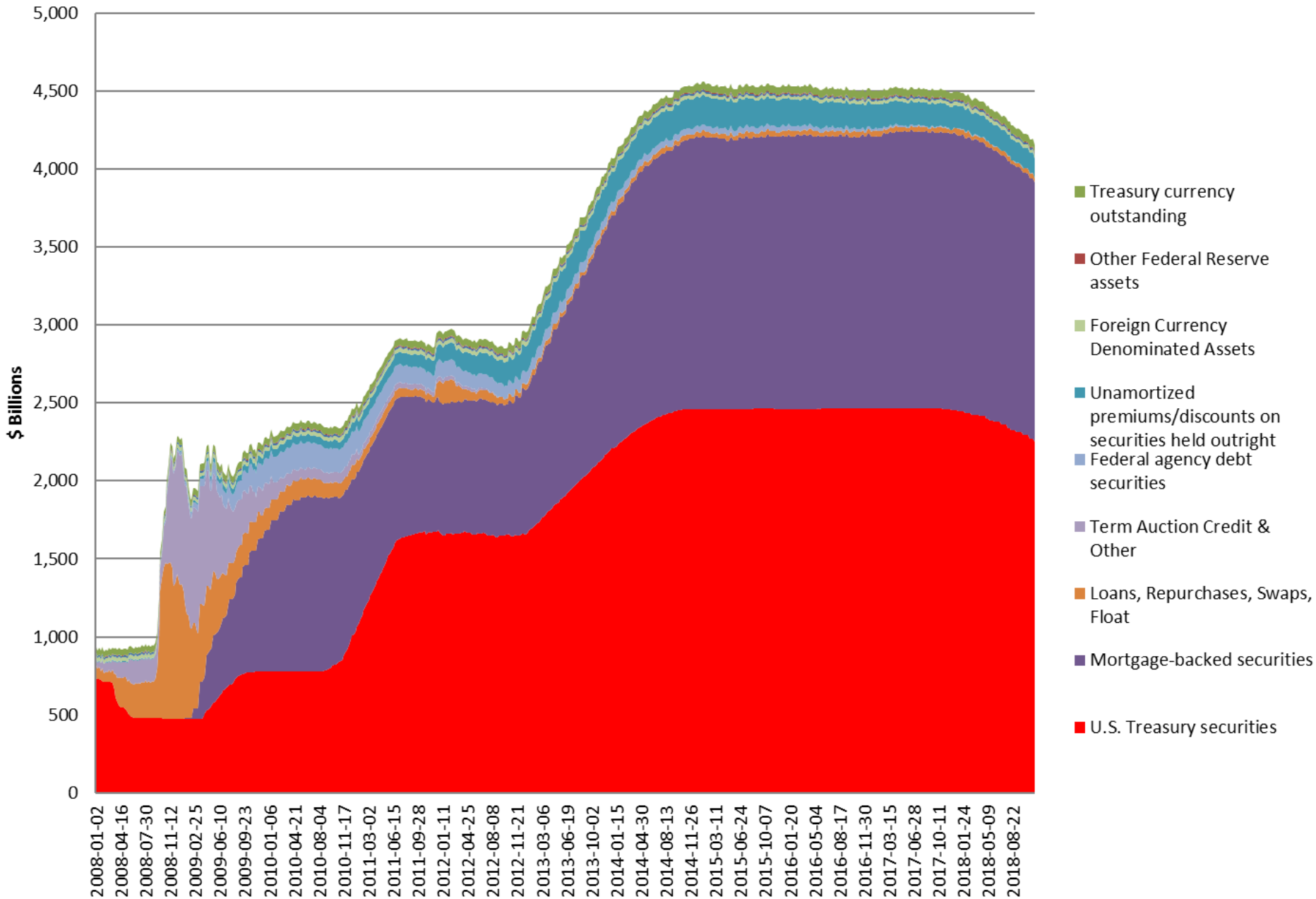
Fed's Balance Sheet November 29, 2017 (\$billions)

U.S. Treasury securities	2,457.0	Reserve balances with F.R. Banks	2,271.2
Federal agency debt securities	4.4	Currency in circulation	1,600.0
Mortgage-backed securities	1,767.1	Reverse repurchase agreements	294.6
Credit loans	160.2	Treasury cash holdings	0.2
Other loans	0.1	Other deposits with F.R. Banks	271.3
Other Federal Reserve assets	84.8	Other liabilities and capital	47.2
Gold stock	11.0		
Total	4,484.5	Total	4,484.5

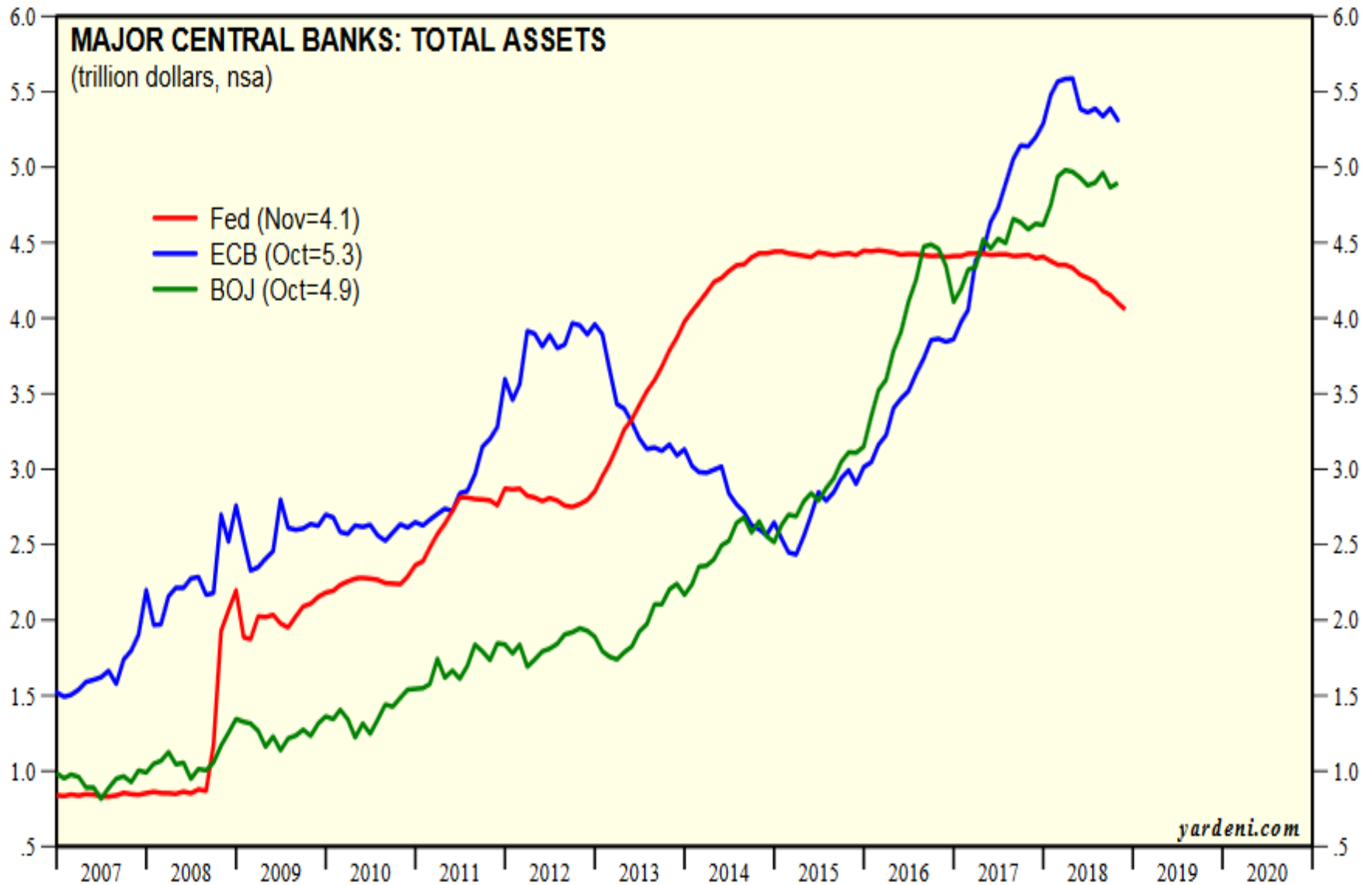
Fed's Balance Sheet November 28, 2018 (\$billions)

U.S. Treasury securities	2,253.1	Reserve balances with F.R. Banks	1,757.5
Federal agency debt securities	2.4	Currency in circulation	1,706.0
Mortgage-backed securities	1,661.8	Reverse repurchase agreements	250.9
Credit loans	142.2	Treasury cash holdings	0.2
Other loans	0.1	Other deposits with F.R. Banks	394.1
Other Federal Reserve assets	83.5	Other liabilities and capital	45.4
Gold stock	11.0		
Total	4,154.1	Total	4,154.1

Federal Reserve Asset Holdings: 2008 - Present



Total Assets of Major Central Banks

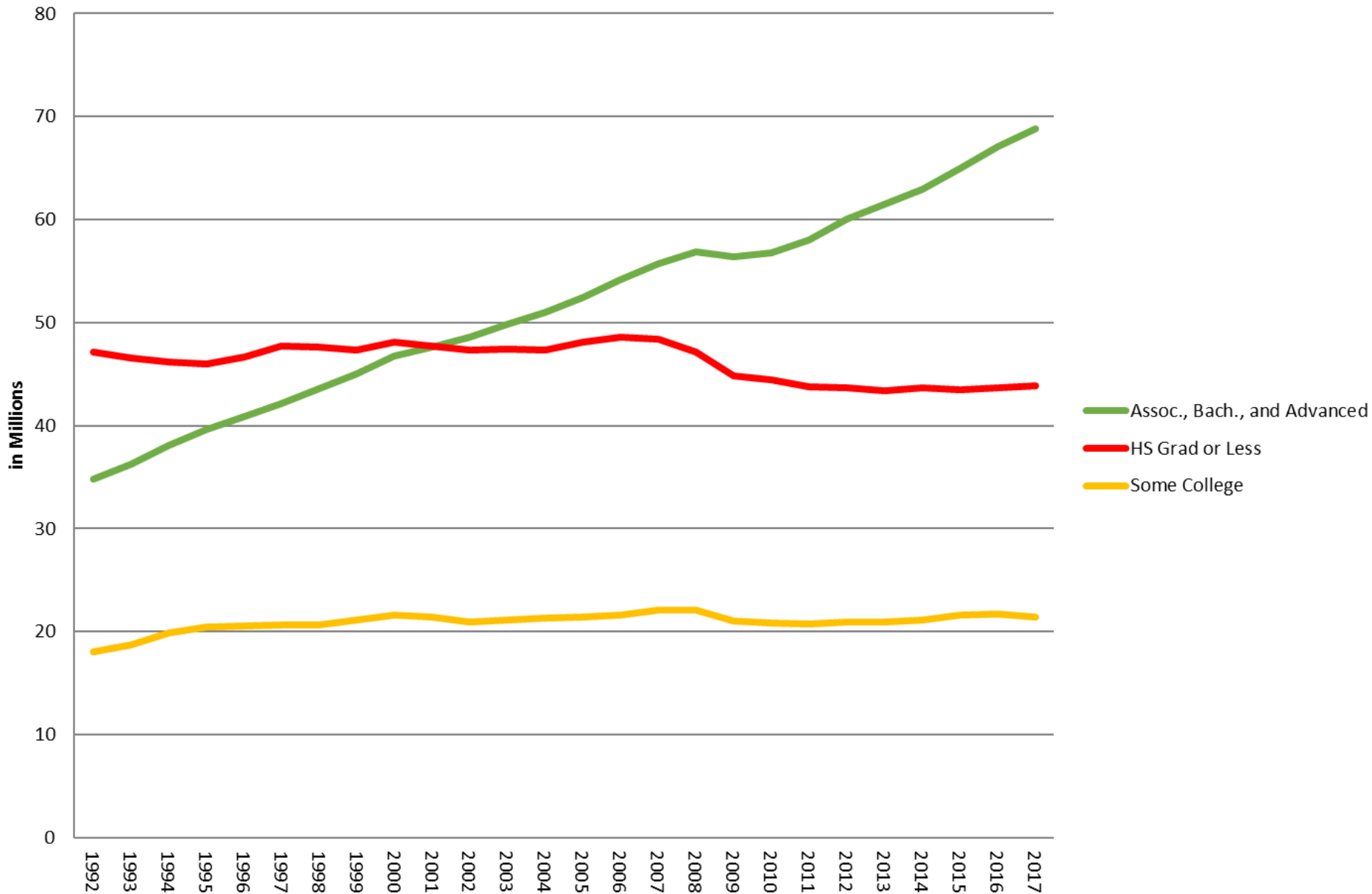


National Educational Attainment Trends

Trouble Ahead for the Oklahoma
Economy?

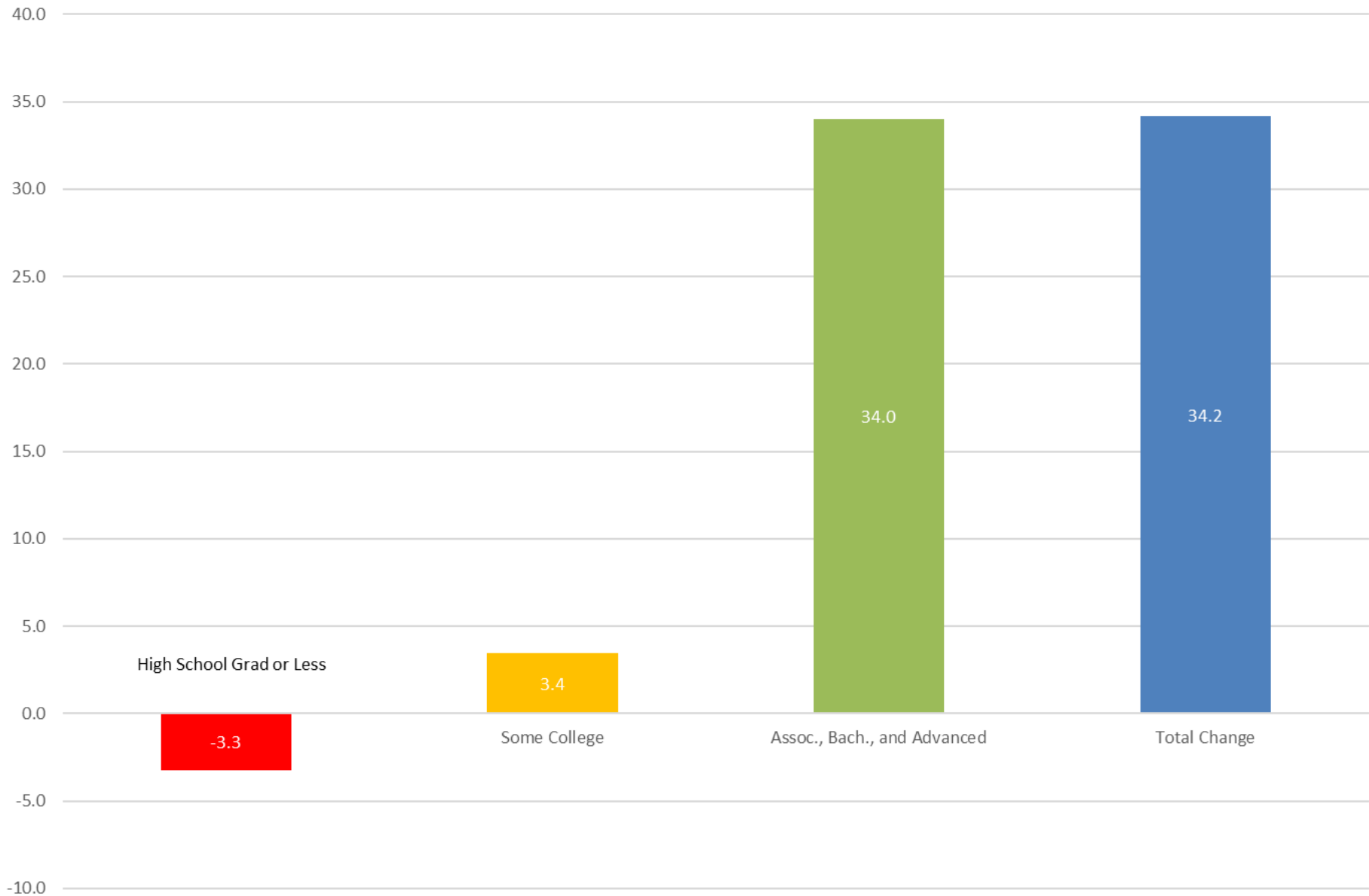


Employment Trends by Major Group Educational Attainment: 25+ Years of Age, 1992 - 2017



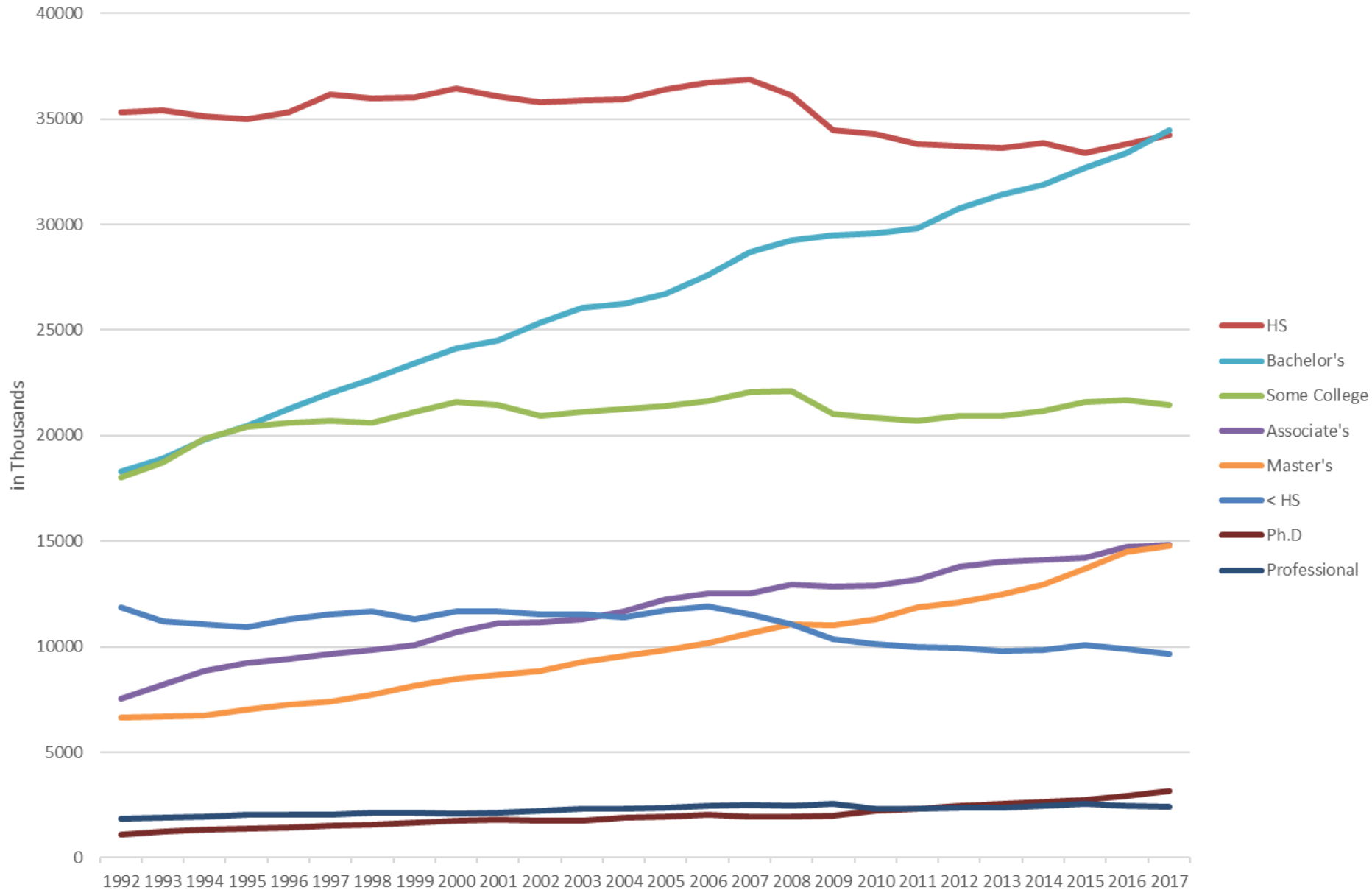
Employment Change by Major-Group Educational Attainment: 25+ Years of Age, from 1992 to 2017

Millions

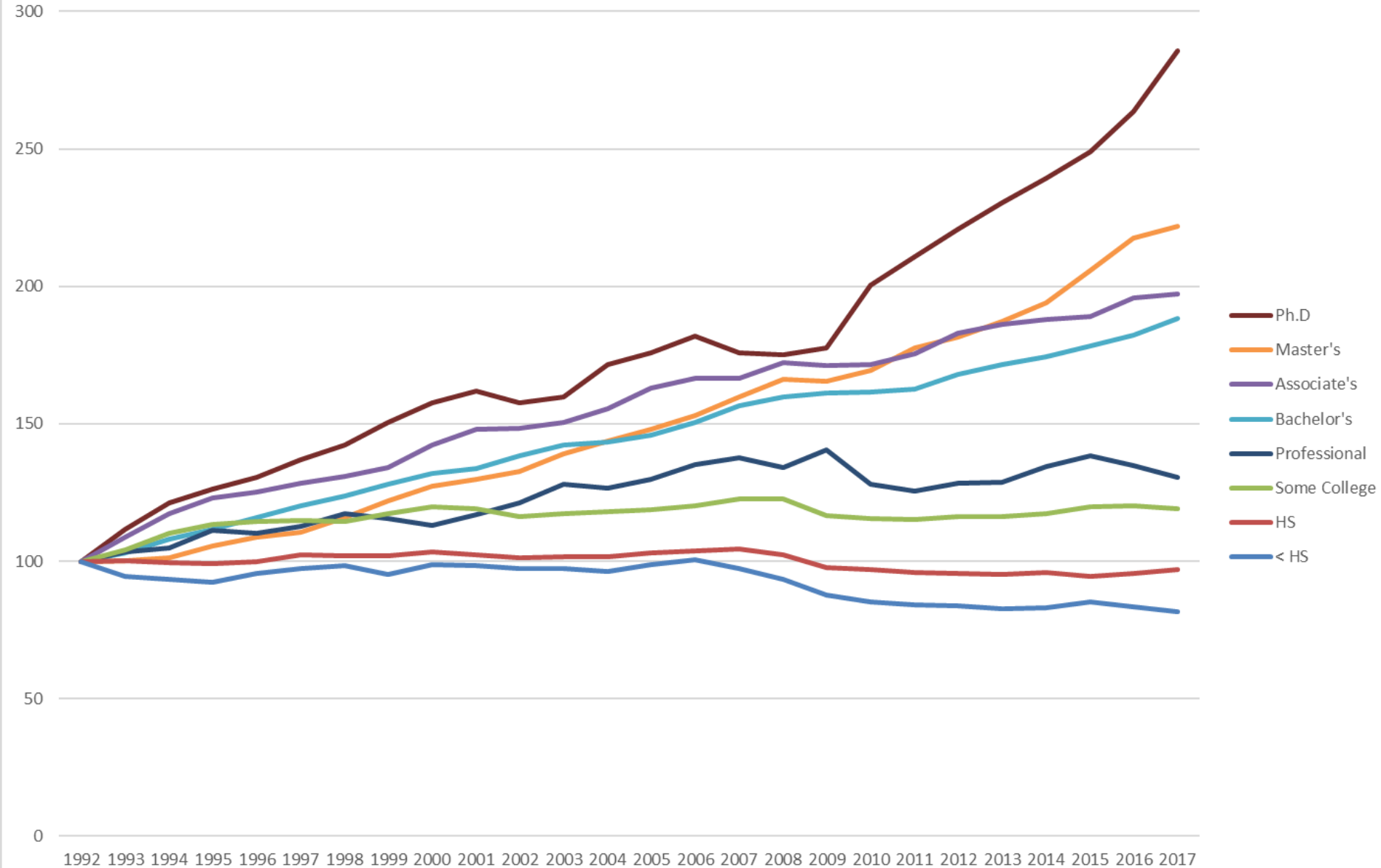


Educational Attainment of Employed in U.S.--1992-2017

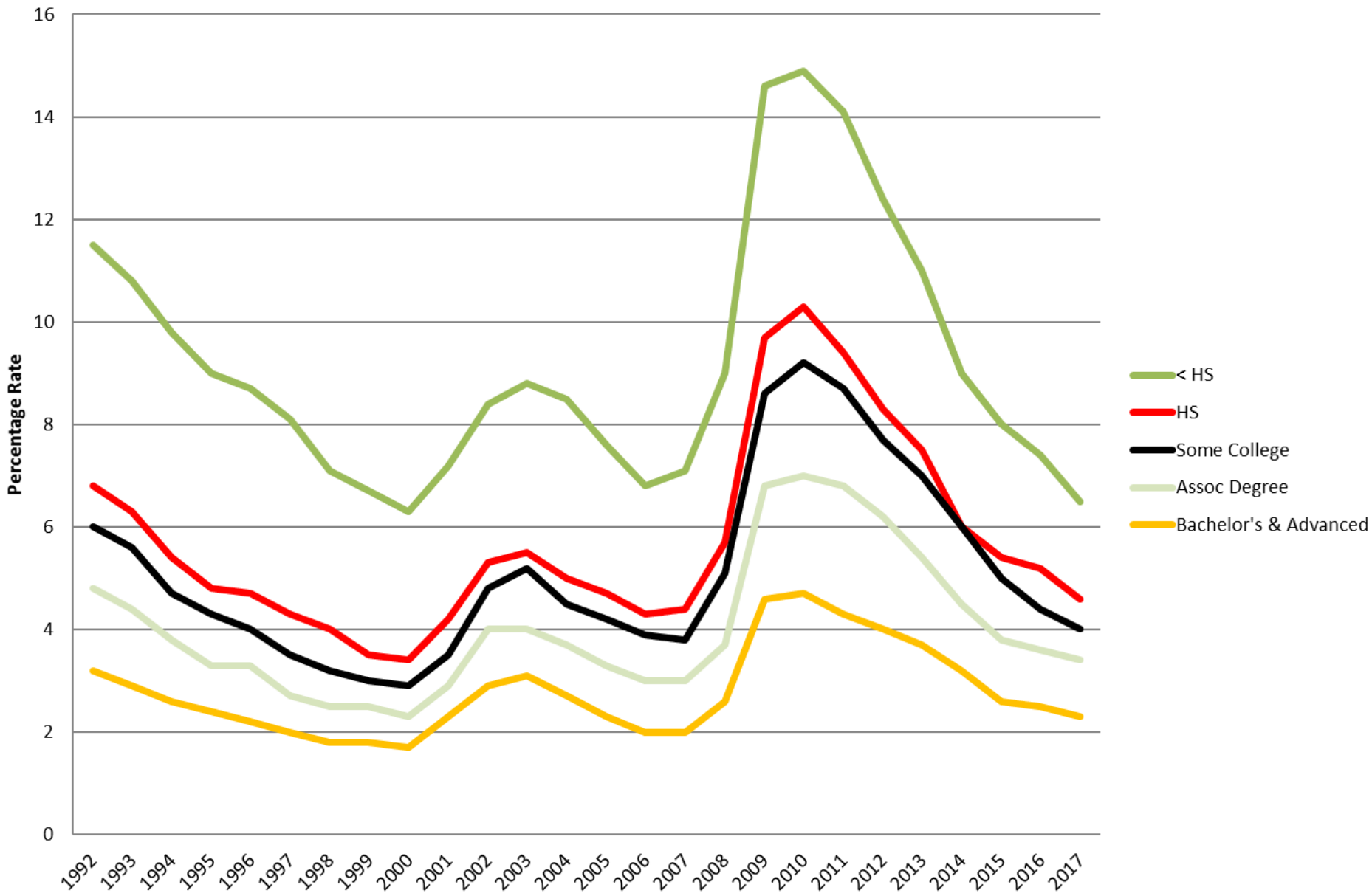
Detailed Bachelor's + Categories



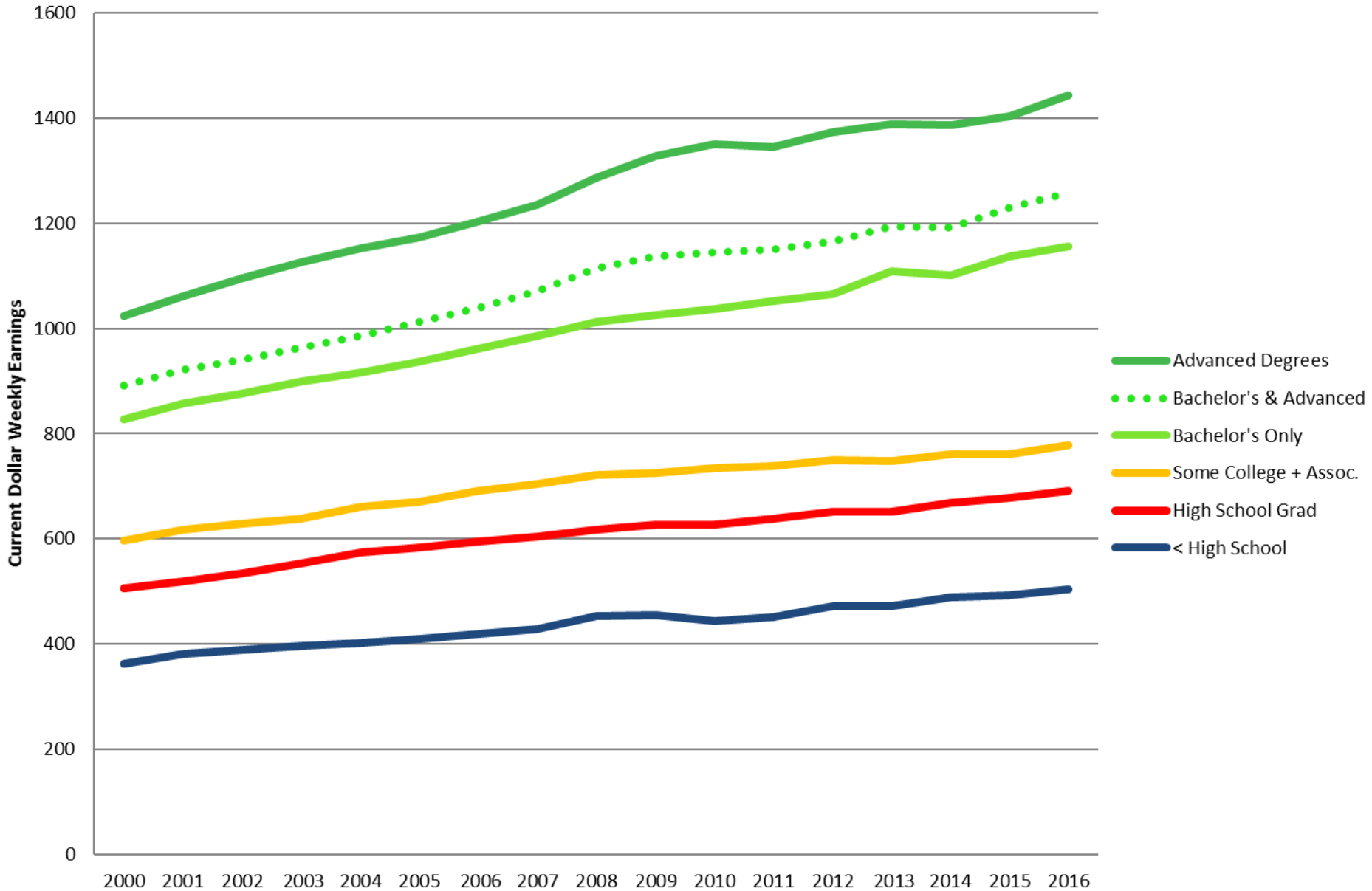
Relative Growth of Employment in Detailed Educational Attainment Categories: 1992 - 2017



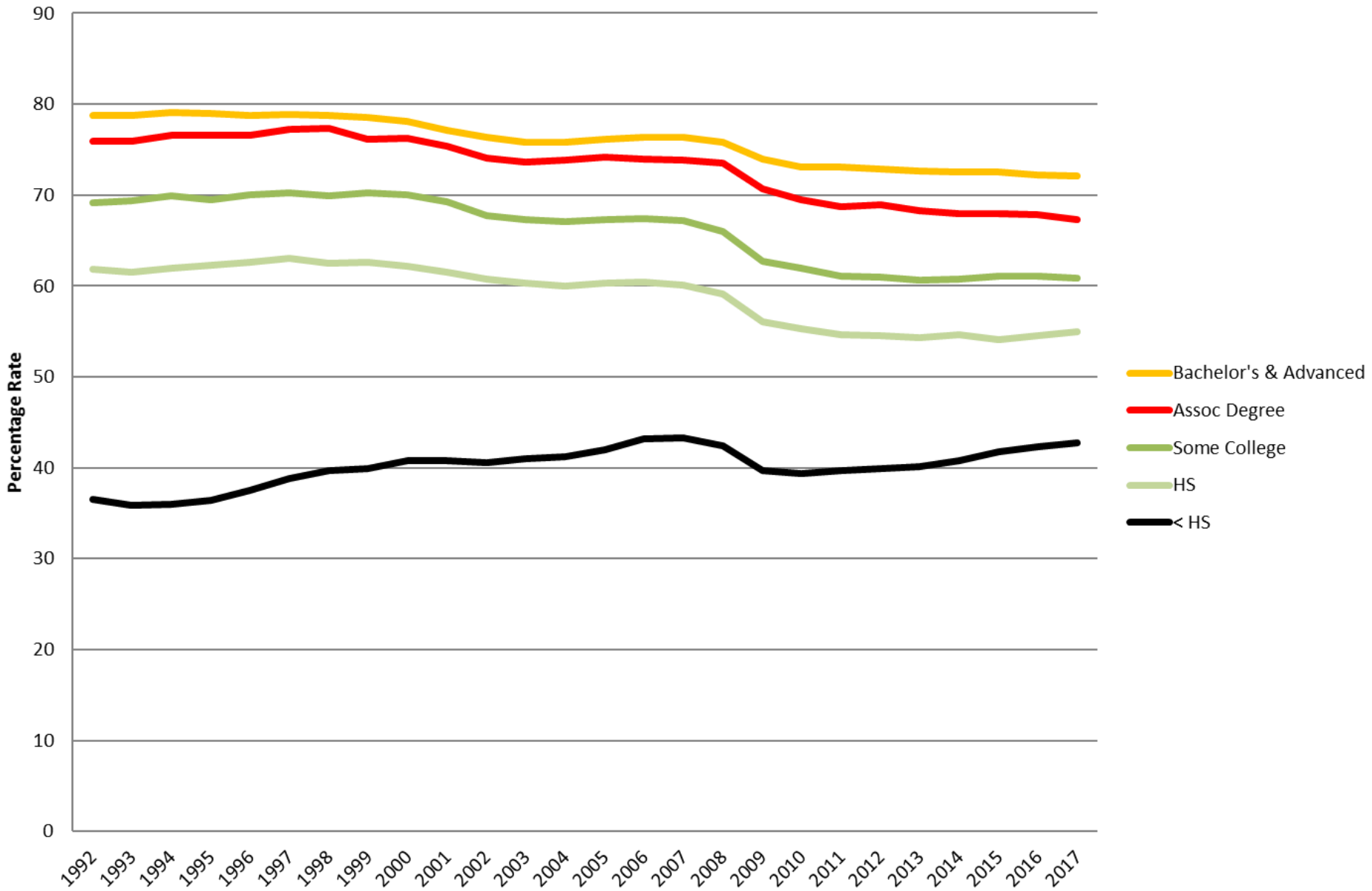
Unemployment Rates by Educational Attainment: 25+ Year Olds, 1992-2017



Weekly Median Earnings of Full-time Workers by Education Group, 25 Years of Age and Over: 2000 - 2016



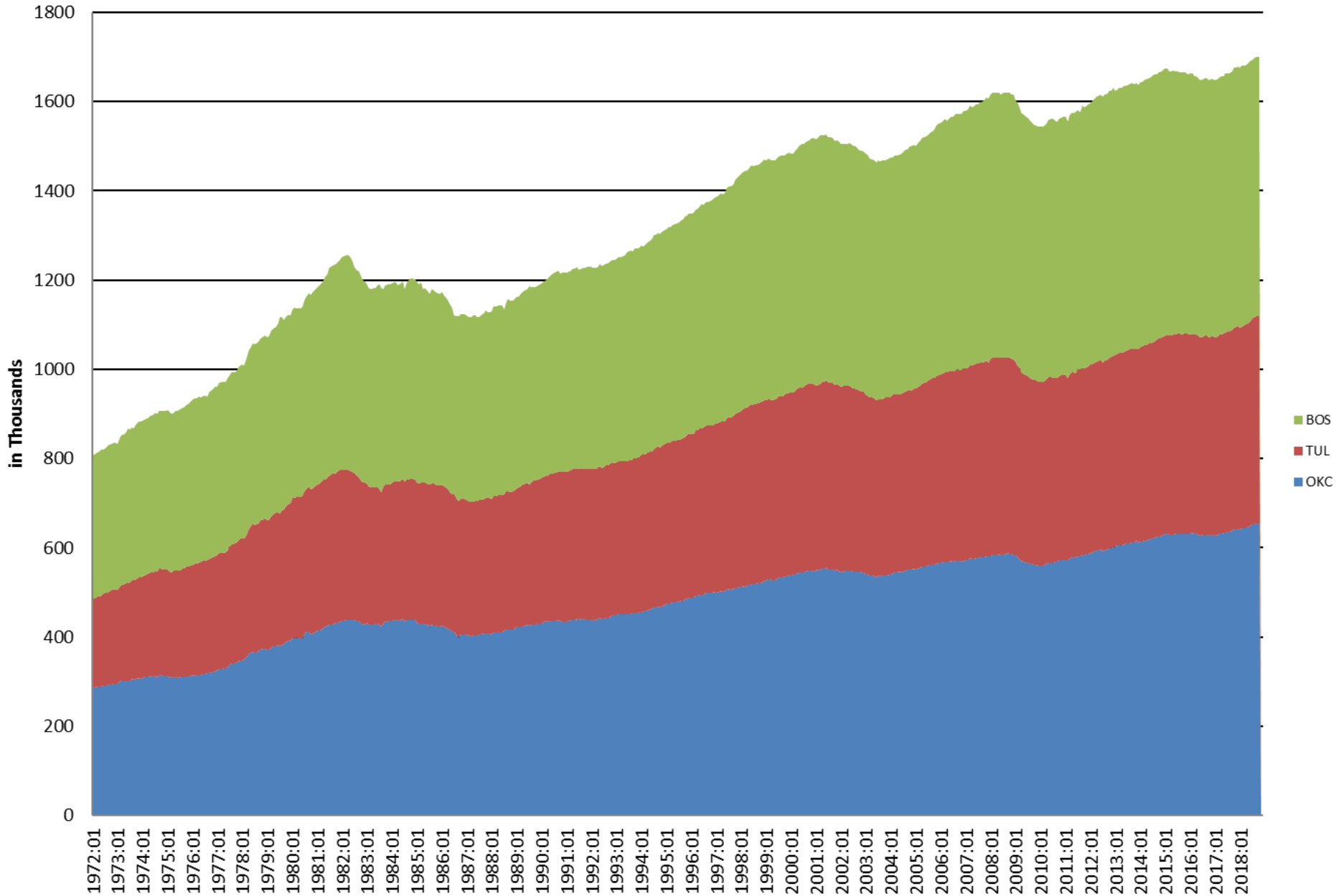
Employment-to-Population Rates by Educational Attainment: 25+ Years of Age, 1992-2017



Status of the Oklahoma Economy

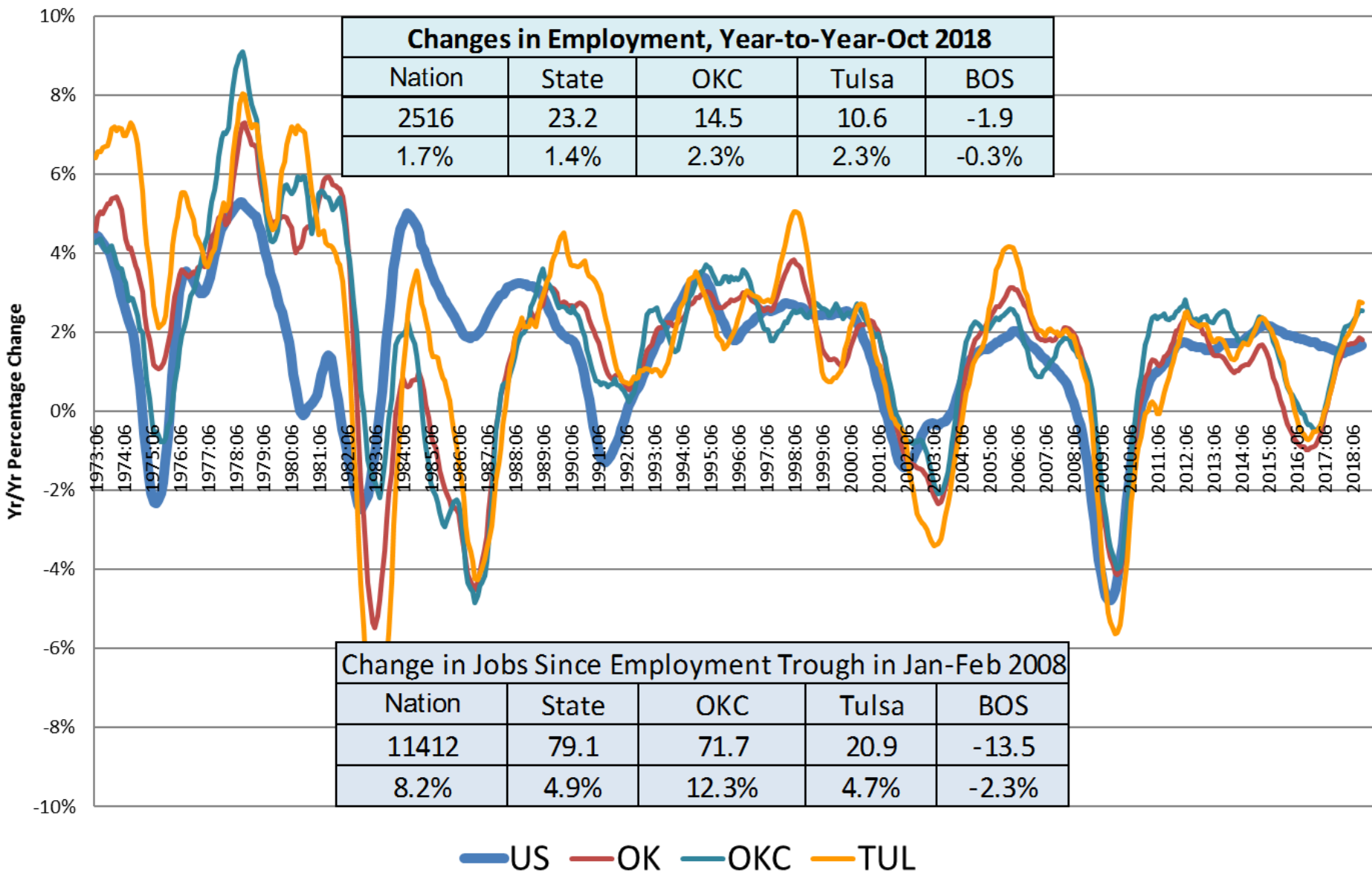


OKC, Tulsa, and BOS Employment Trends

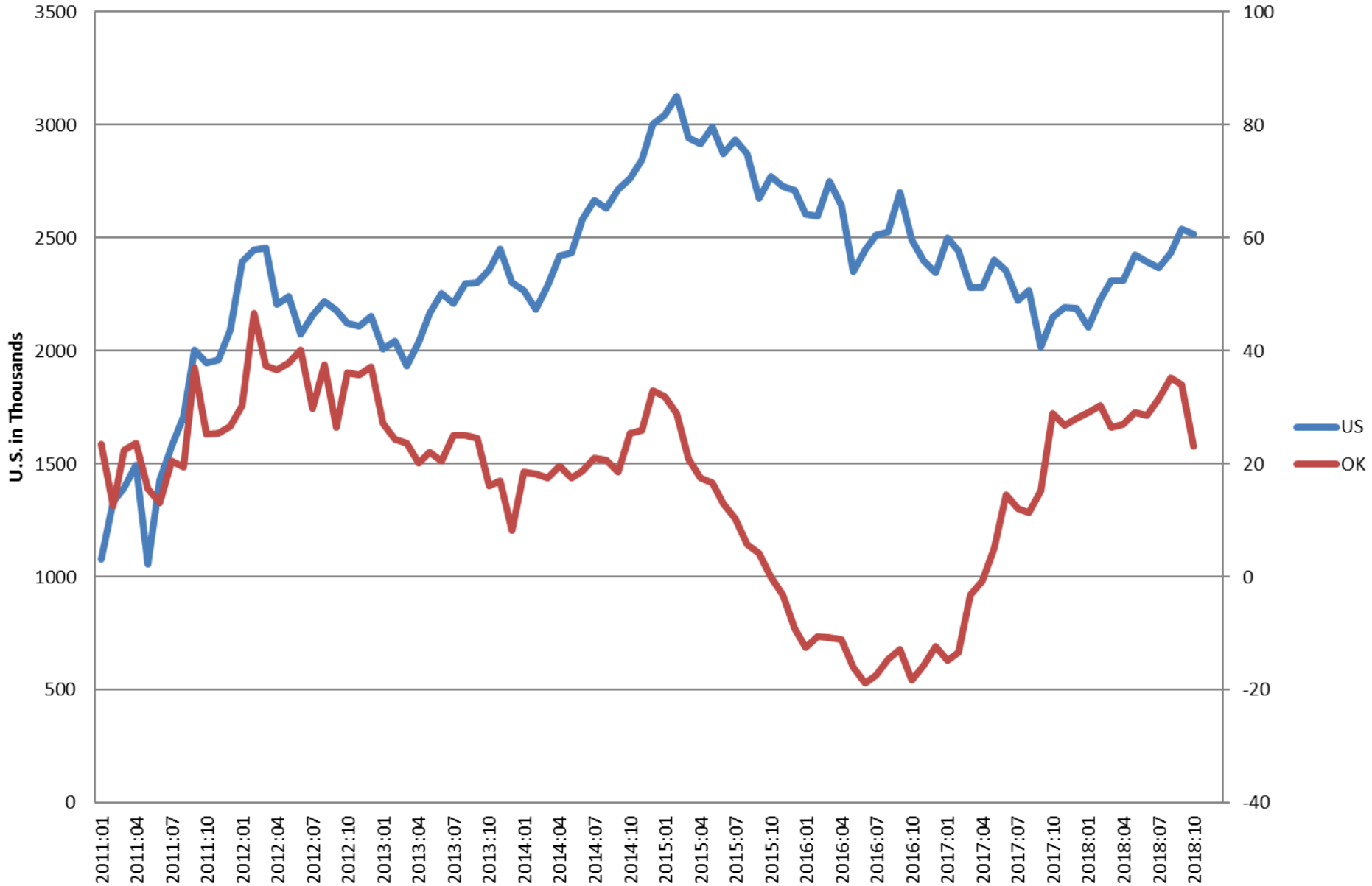


US and Oklahoma Employment Growth

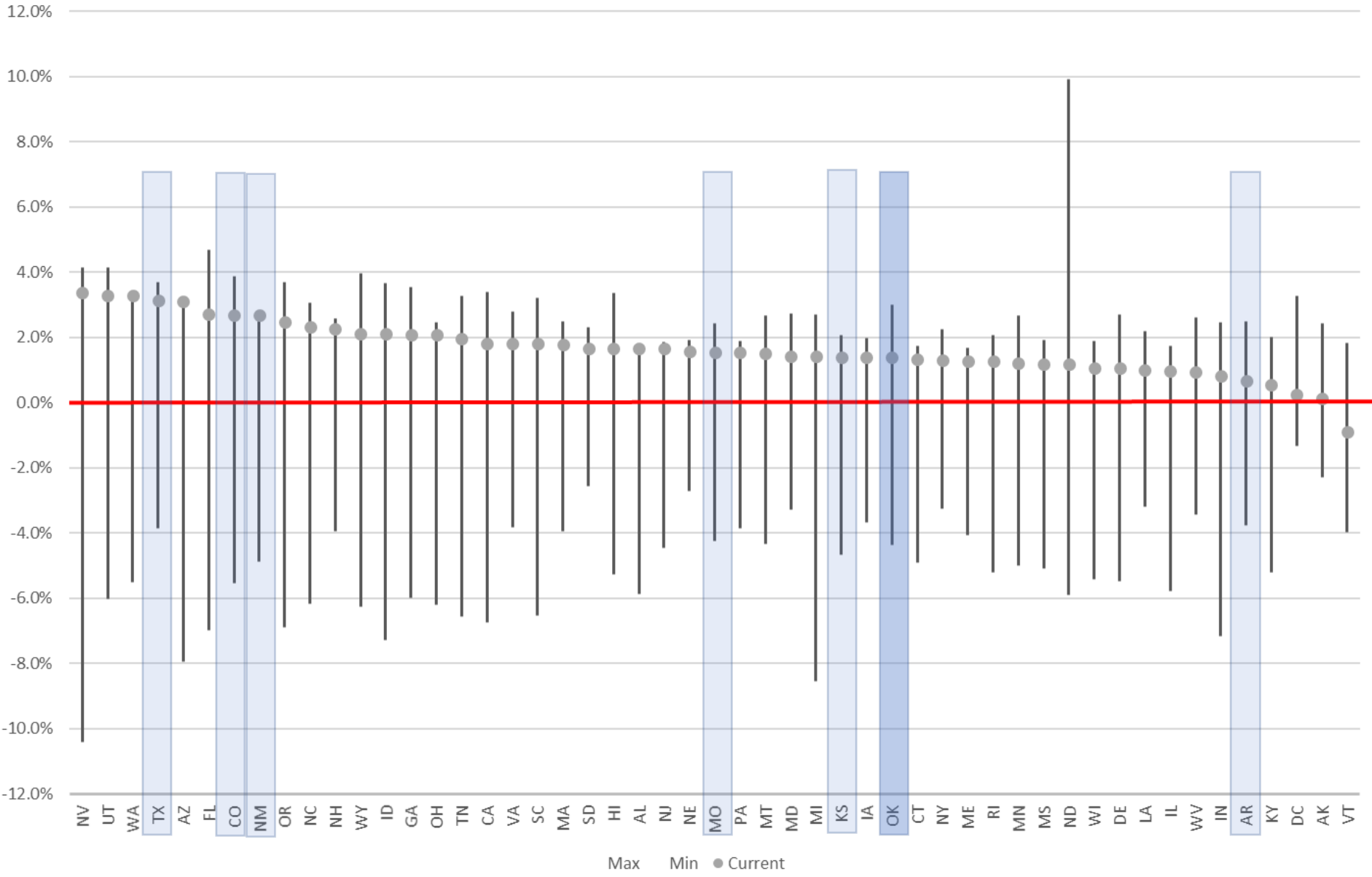
Moving Average Annual Rate of Change



Year-over-Year Job Growth: US and Oklahoma 2011 - Present in thousands

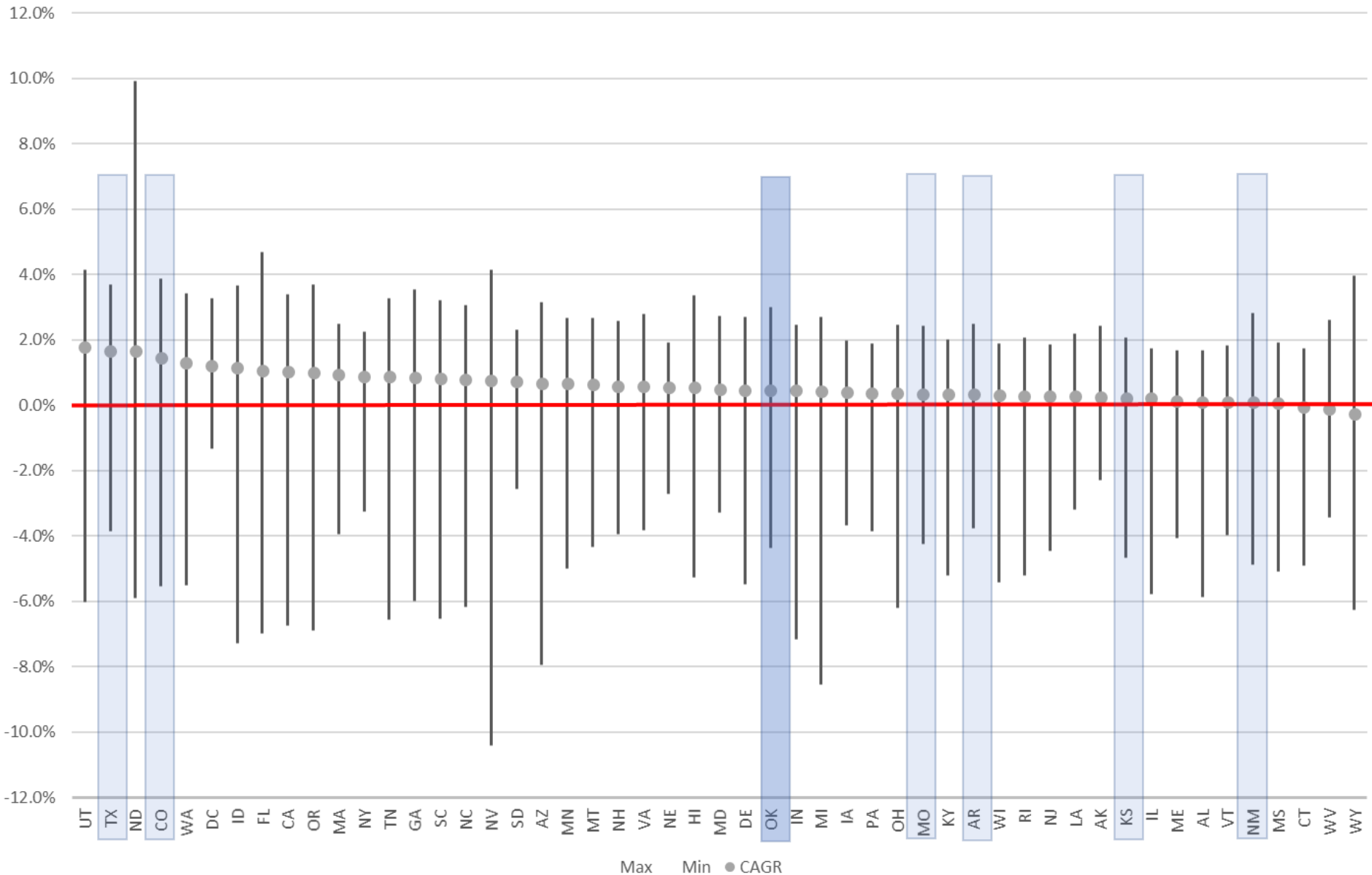


Comparative Yr/Yr Employment Growth Rates US States & DC: 2008 - Present



Max Min ● Current

Comparative Yr/Yr Employment CAGR Growth Rates US States & DC: 2008 - Present



Energy Markets

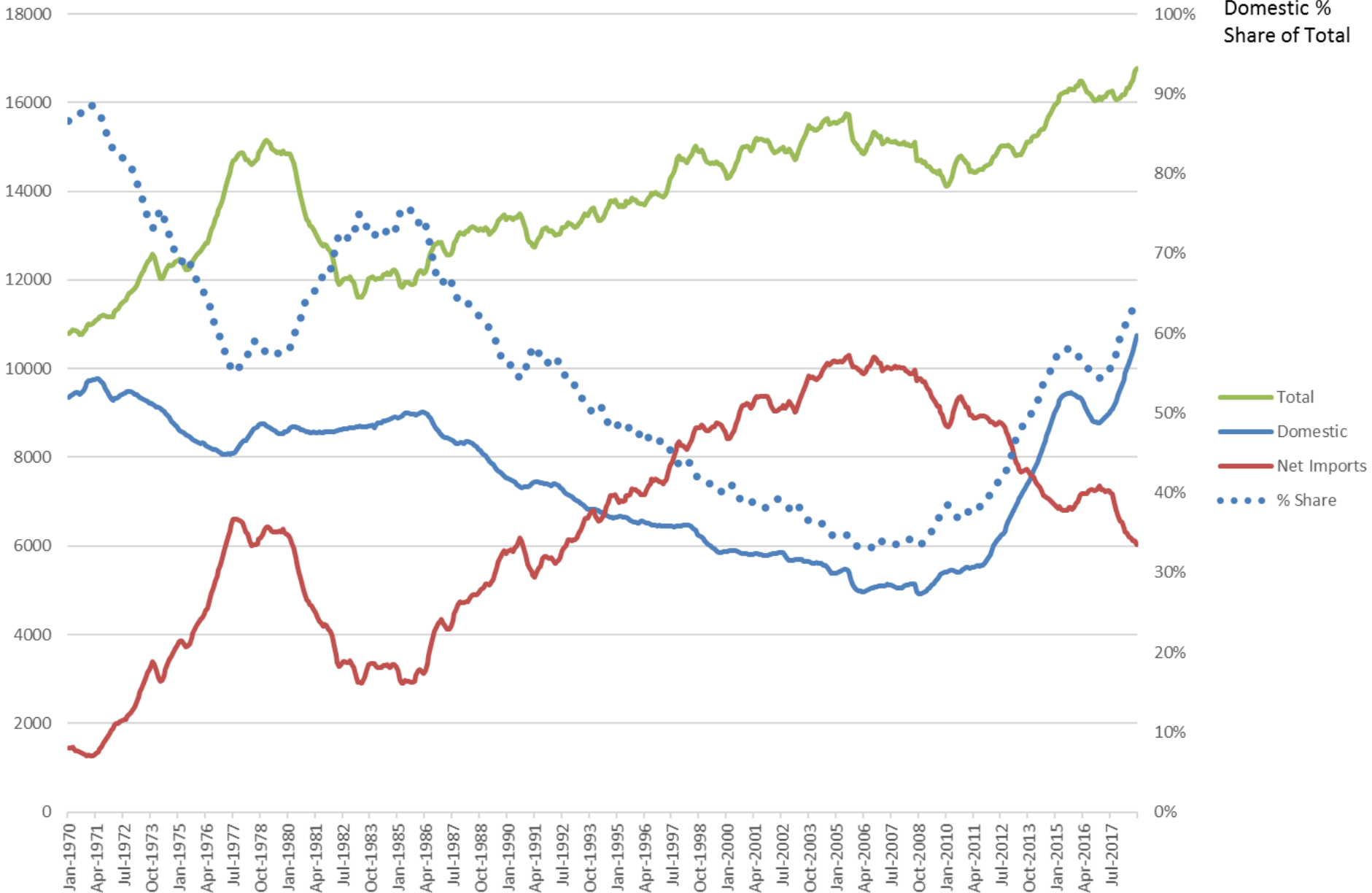
Last Year: Recovery “well” in hand!

This Year: Whoops!



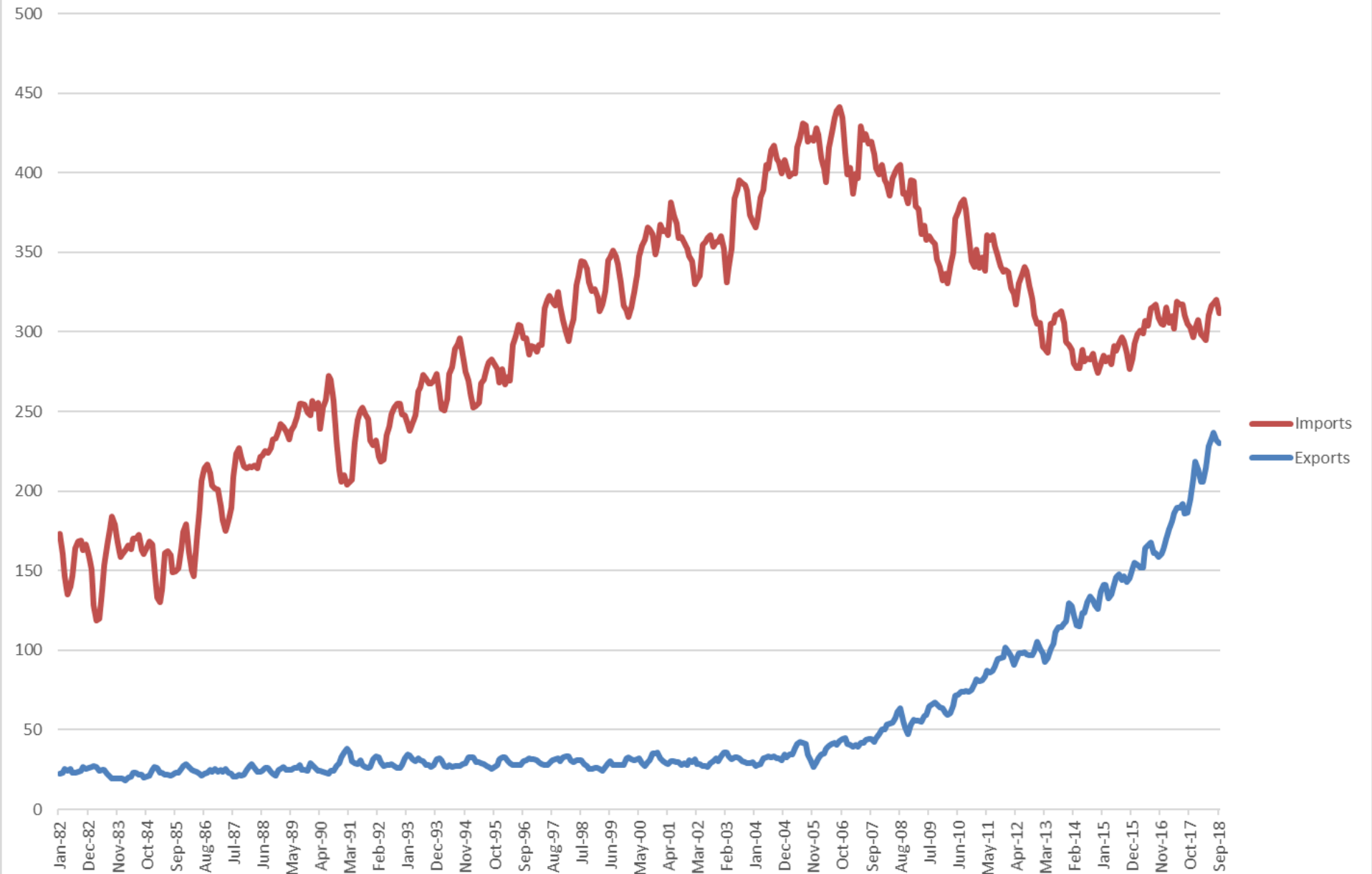
U.S. Domestic Oil Production and Net Imports--1970 - Present

Barrels of Oil Per Day in Thousands

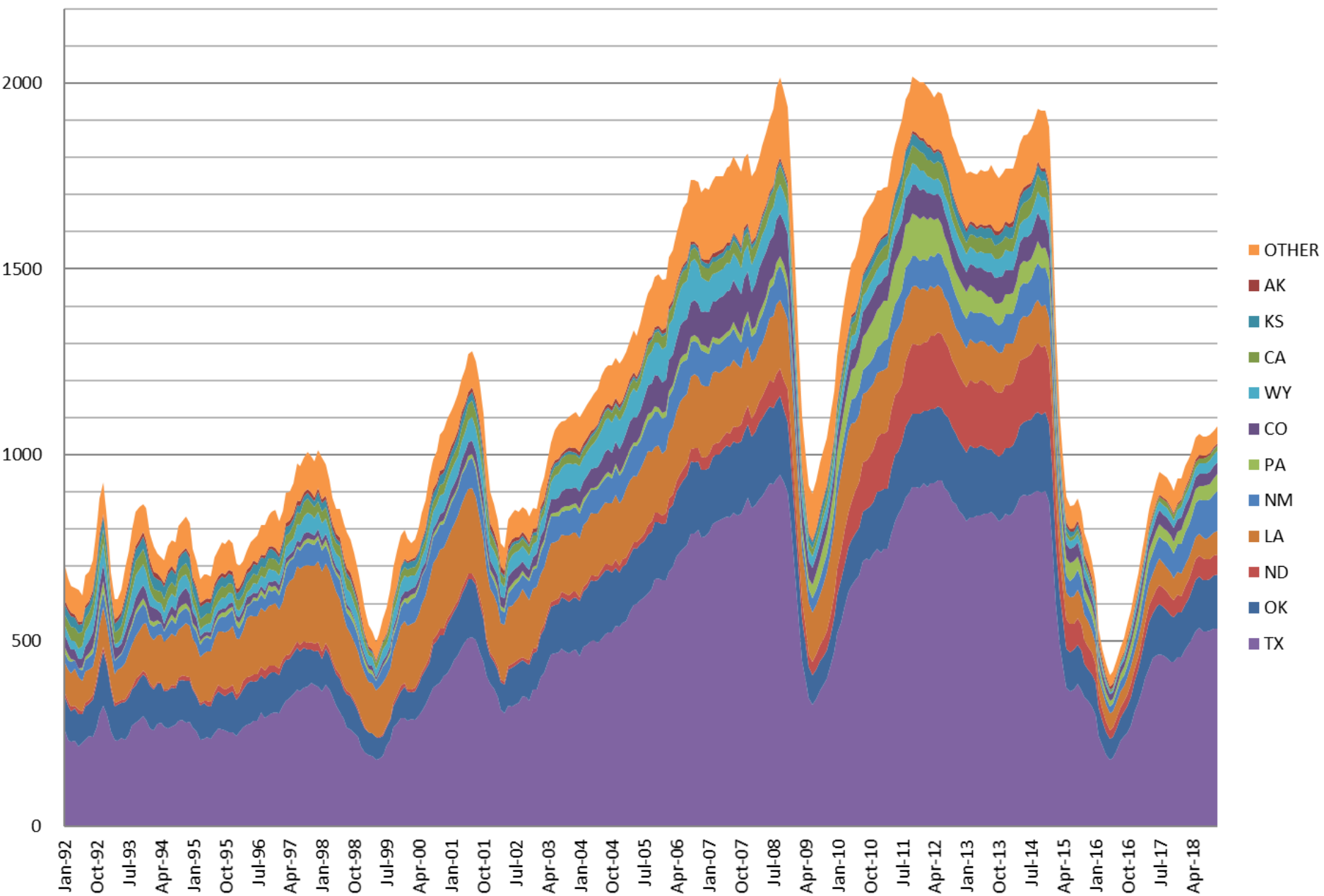


U.S. Exports and Imports of Petroleum and Petroleum Products

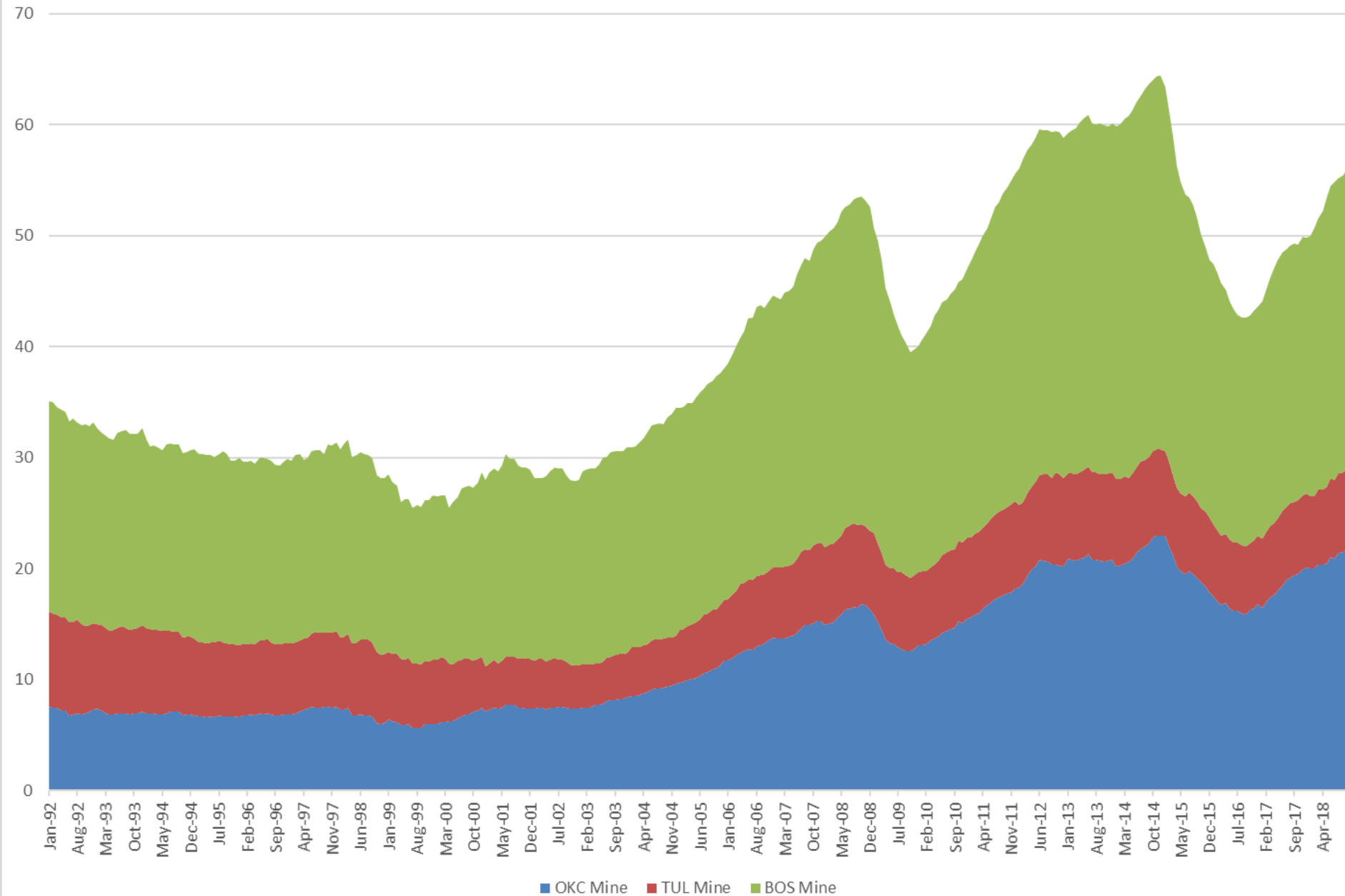
Millions of Barrels per Month



Active Rig Count by Selected States: Jan 1992 - Nov 2018

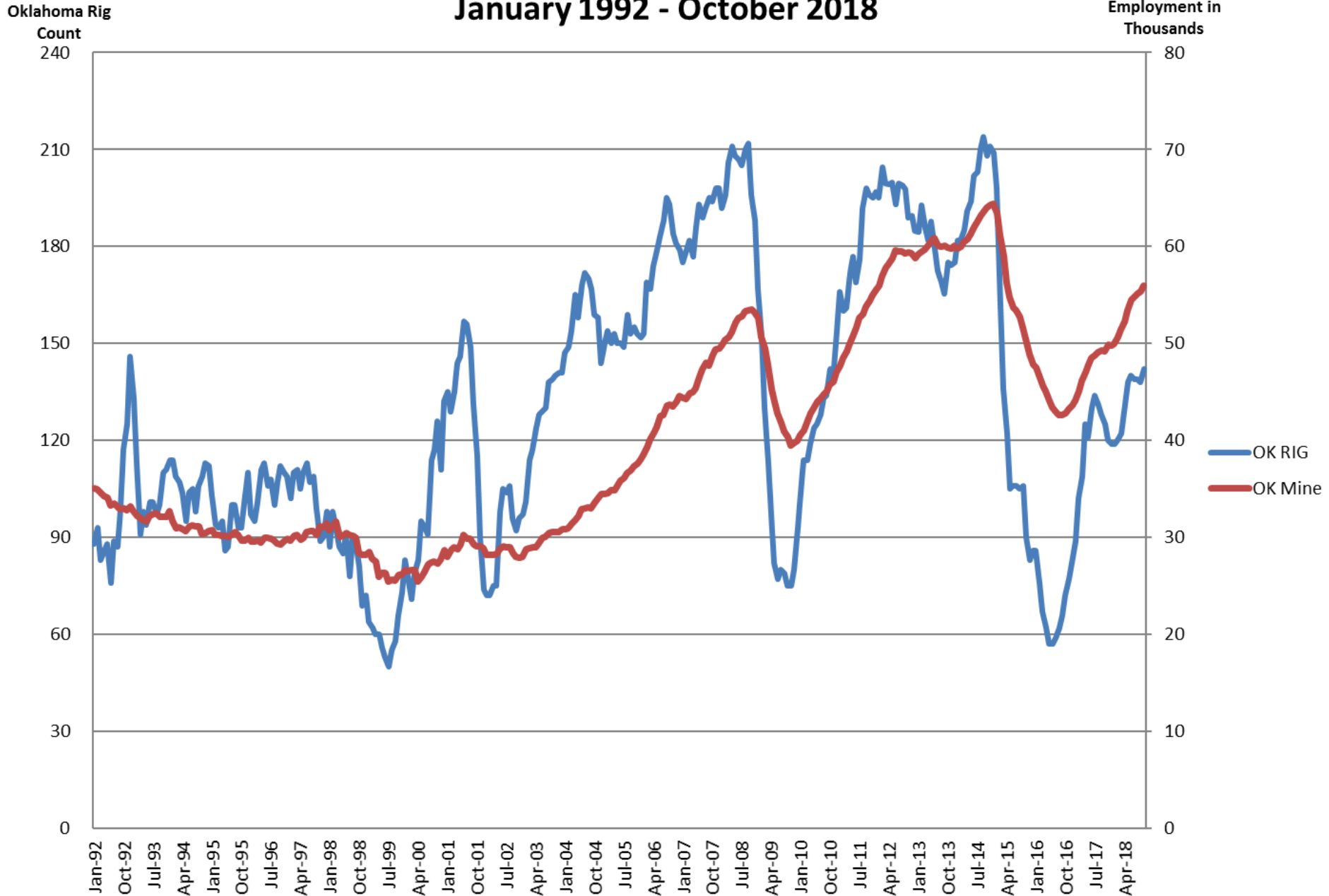


OK Regional Direct Mining Sector Employment



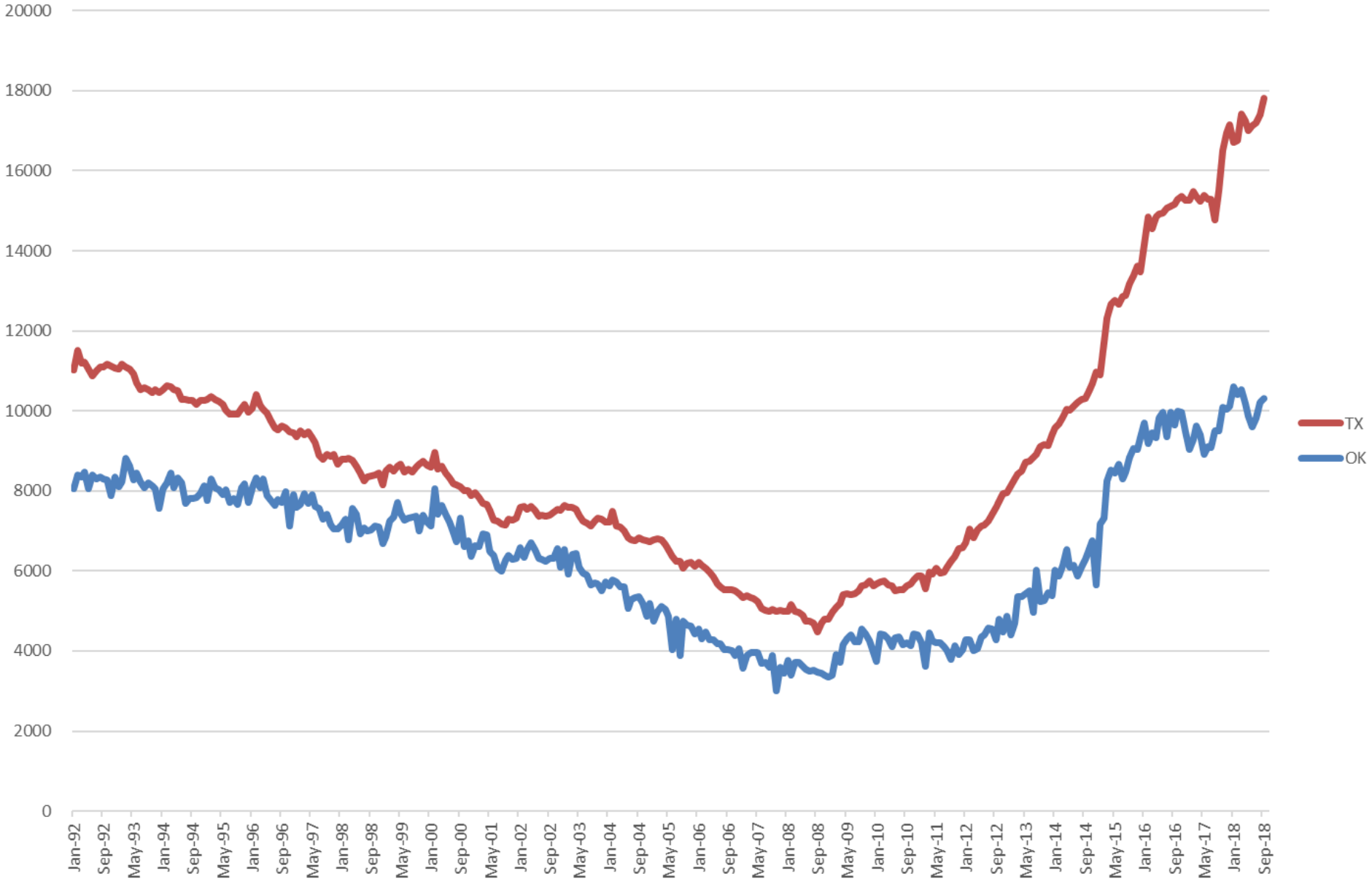
Oklahoma Direct Mining Sector Employment v. OK Rig Count

January 1992 - October 2018

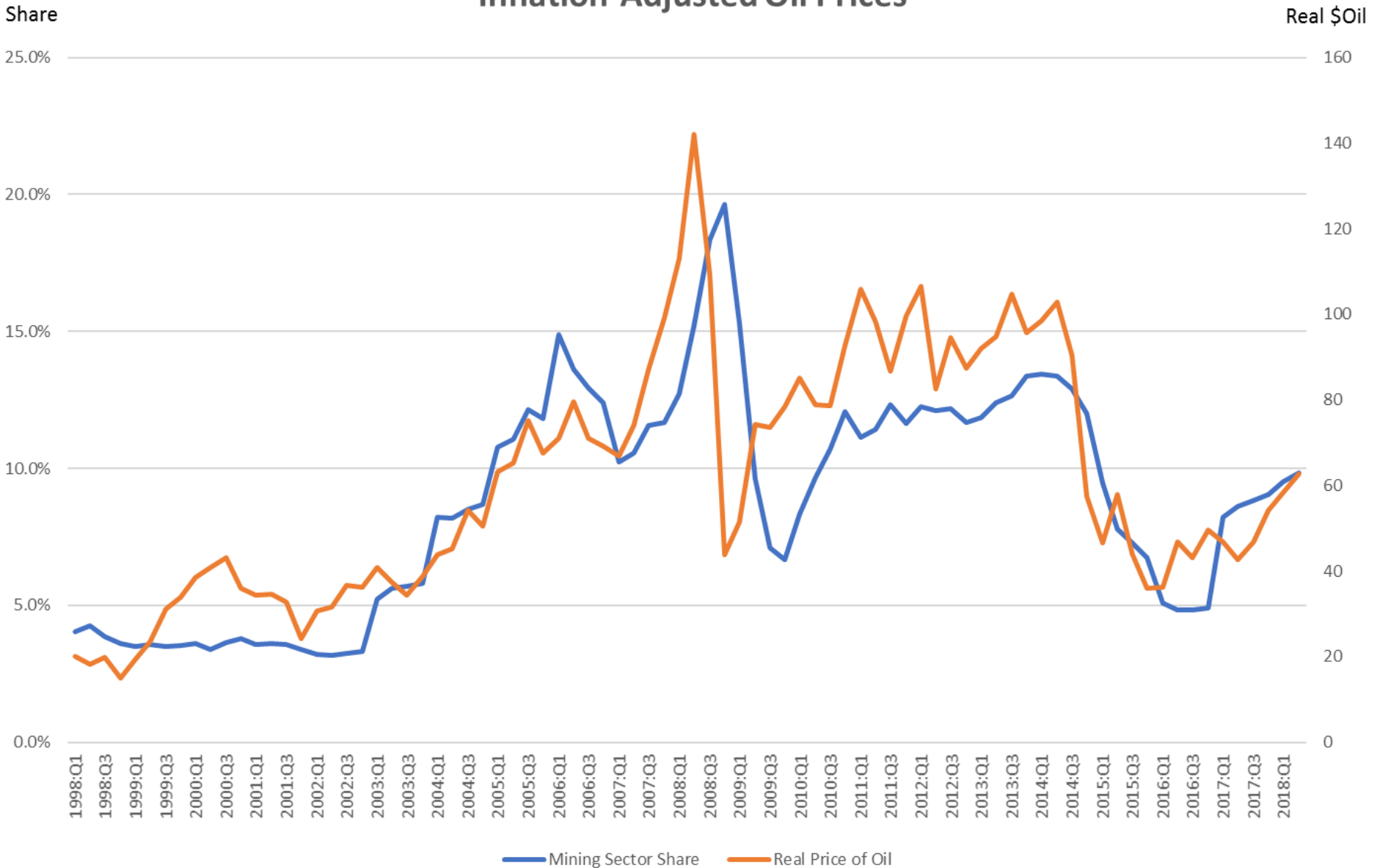


Oil Field Labor Productivity: Oklahoma & Texa

Oil Barrels per Month/Employment



Oklahoma's Mining Sector Share of Total Earnings v. Inflation-Adjusted Oil Prices



Sources: US Bureau of Economic Analysis, Energy Information Agency, and OU Price College Center for Economic and Anagement Research

Oklahoma's State Tax Base Trends

Oil & Gas Production Taxes

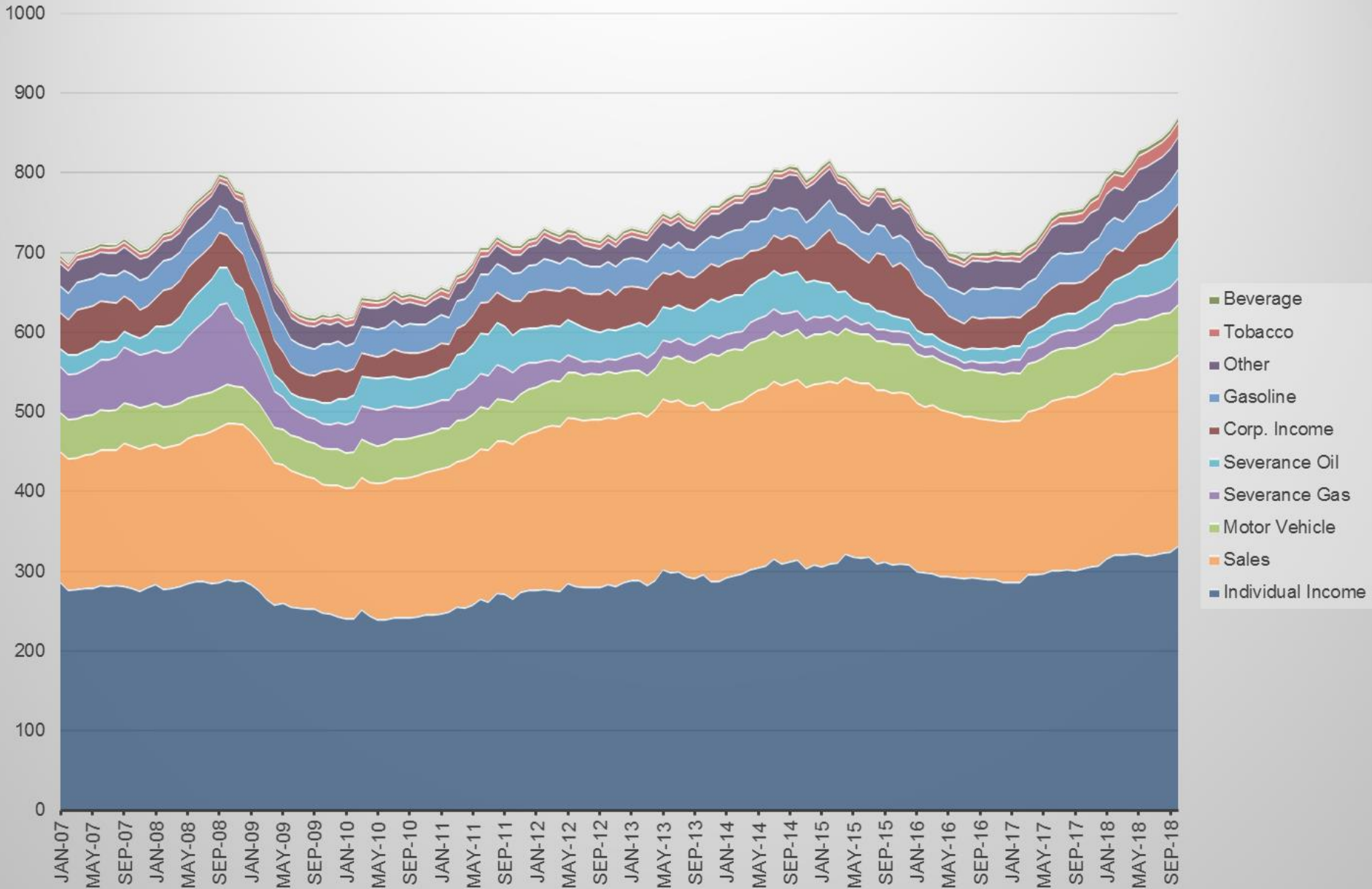
Sales Tax

Income Tax



Oklahoma Gross Tax Collections: 2007 - Present

Smoothed Monthly, Seasonally Adjusted Values



Oklahoma Gross Tax Collections: 2007 - Present

Quarterly Averages, Annual Rates, Seasonally & Inflation Adjusted Values

Millions

\$12,000

\$10,000

\$8,000

\$6,000

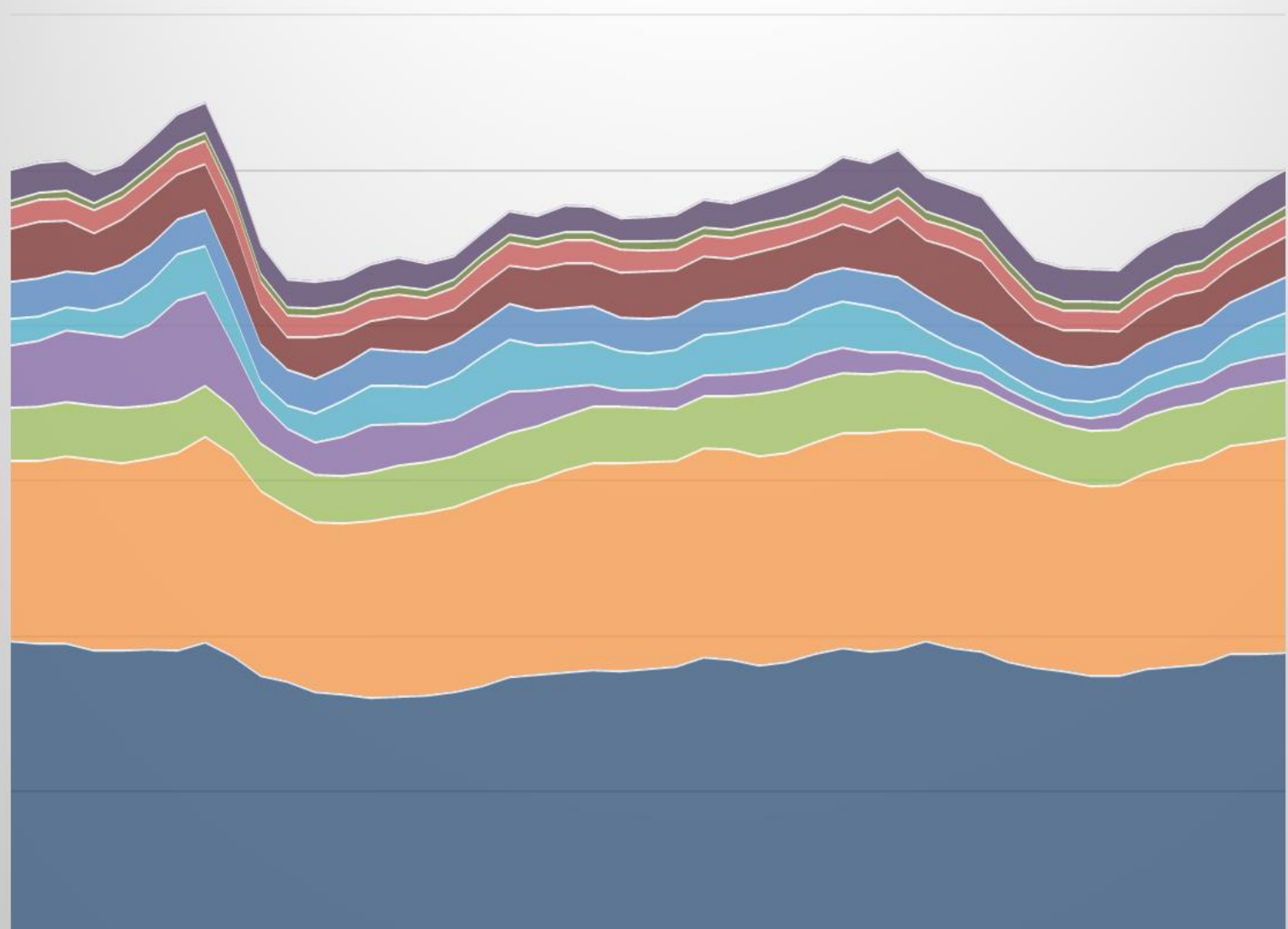
\$4,000

\$2,000

\$

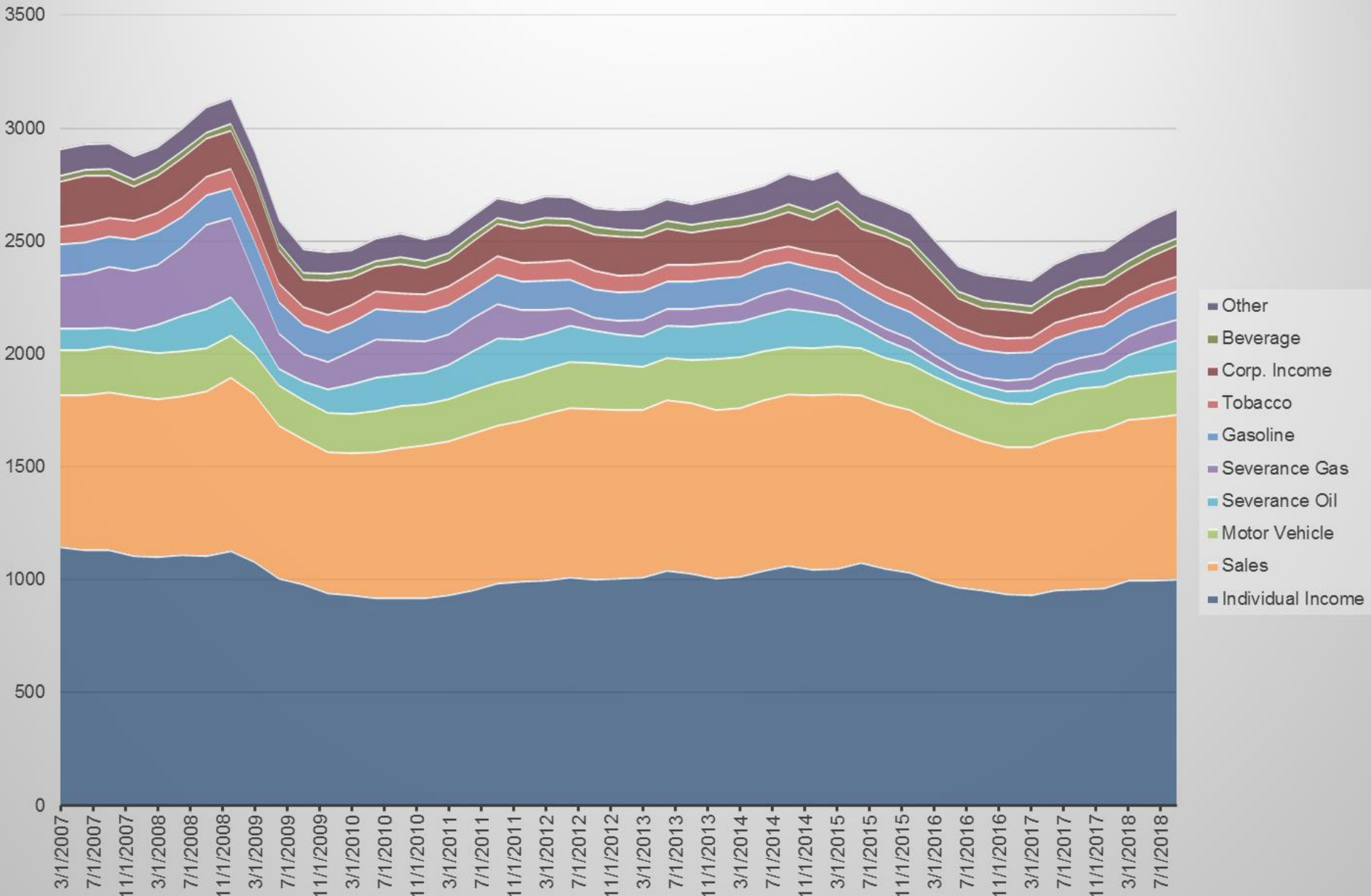
3/1/2007 7/1/2007 11/1/2007 3/1/2008 7/1/2008 11/1/2008 3/1/2009 7/1/2009 11/1/2009 3/1/2010 7/1/2010 11/1/2010 3/1/2011 7/1/2011 11/1/2011 3/1/2012 7/1/2012 11/1/2012 3/1/2013 7/1/2013 11/1/2013 3/1/2014 7/1/2014 11/1/2014 3/1/2015 7/1/2015 11/1/2015 3/1/2016 7/1/2016 11/1/2016 3/1/2017 7/1/2017 11/1/2017 3/1/2018 7/1/2018

- Other
- Beverage
- Tobacco
- Corp. Income
- Gasoline
- Severance Oil
- Severance Gas
- Motor Vehicle
- Sales
- Individual Income

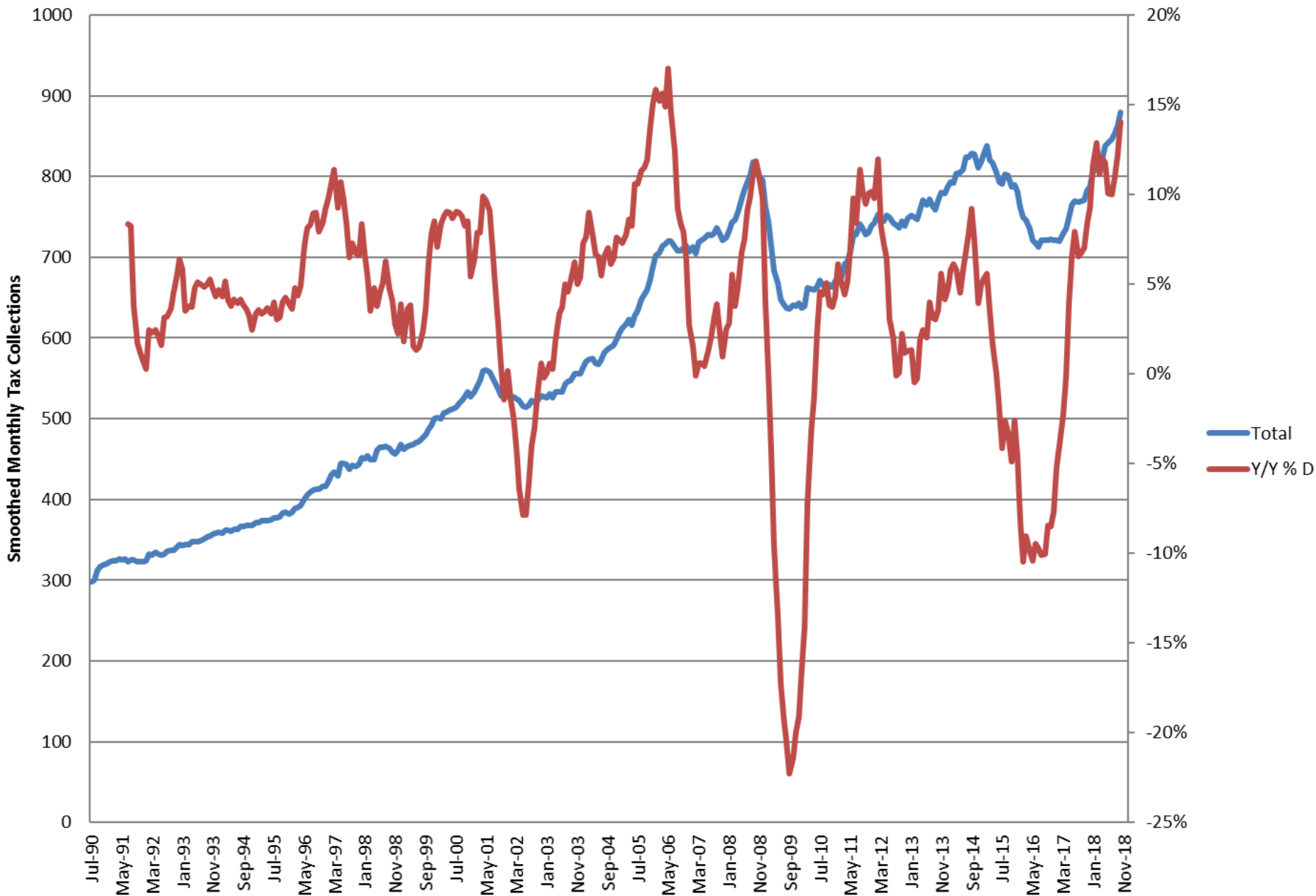


Per Capita Oklahoma Gross Tax Collections: 2007 - Present

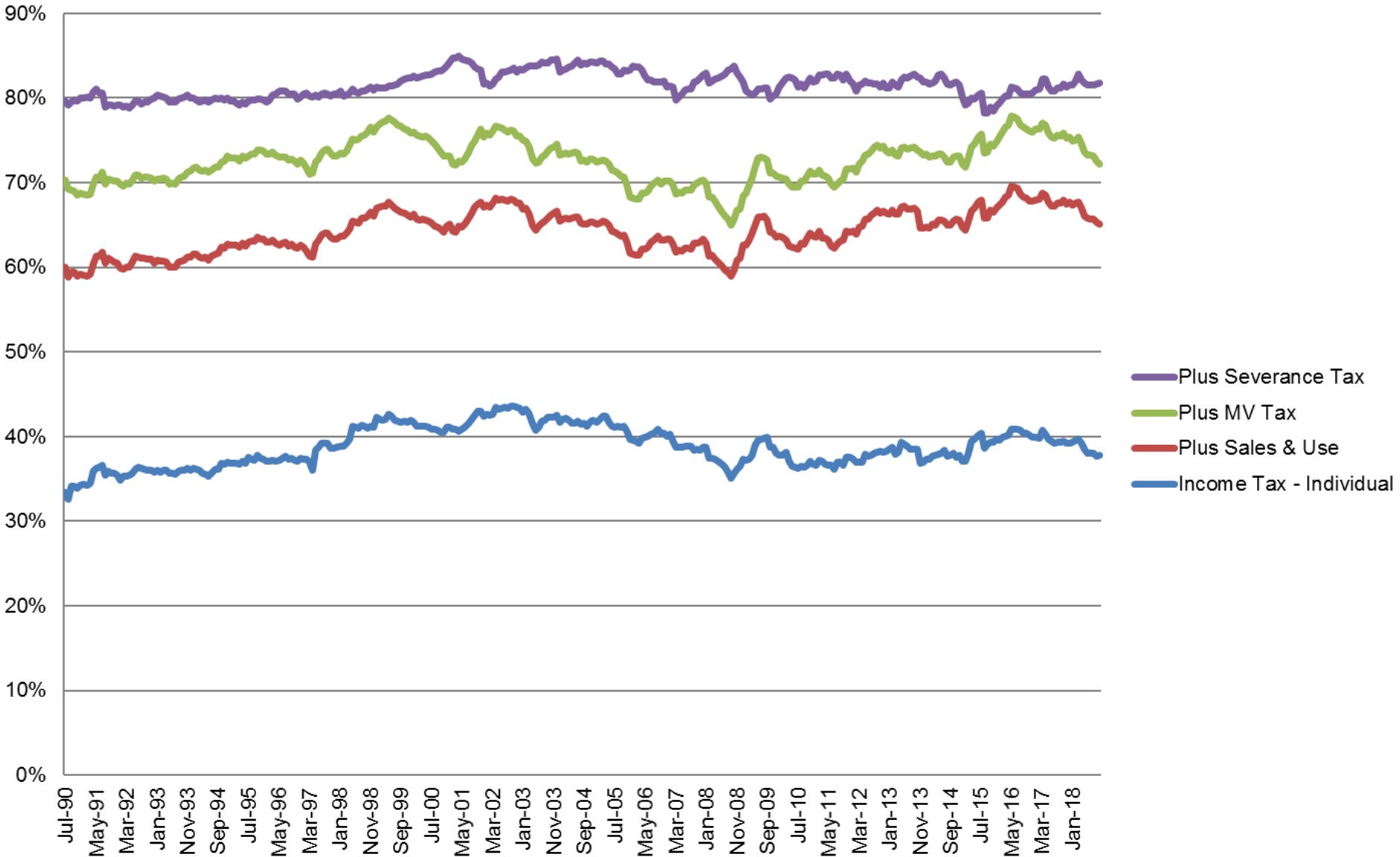
Quarterly Averages, Annual Rates, Seasonally & Inflation Adjusted Values



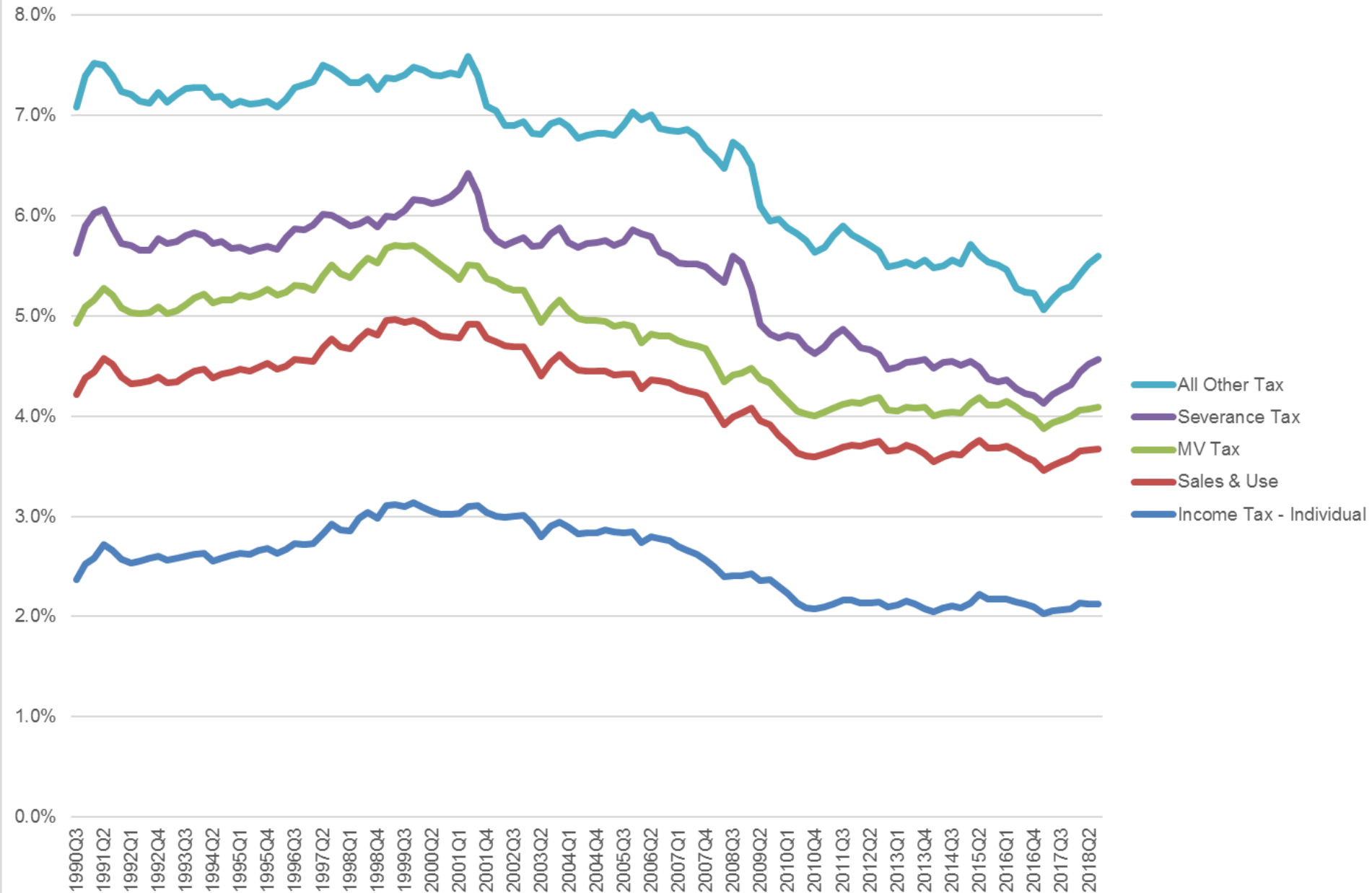
Total and Yr/Yr %Δ in Oklahoma Gross Tax Collections



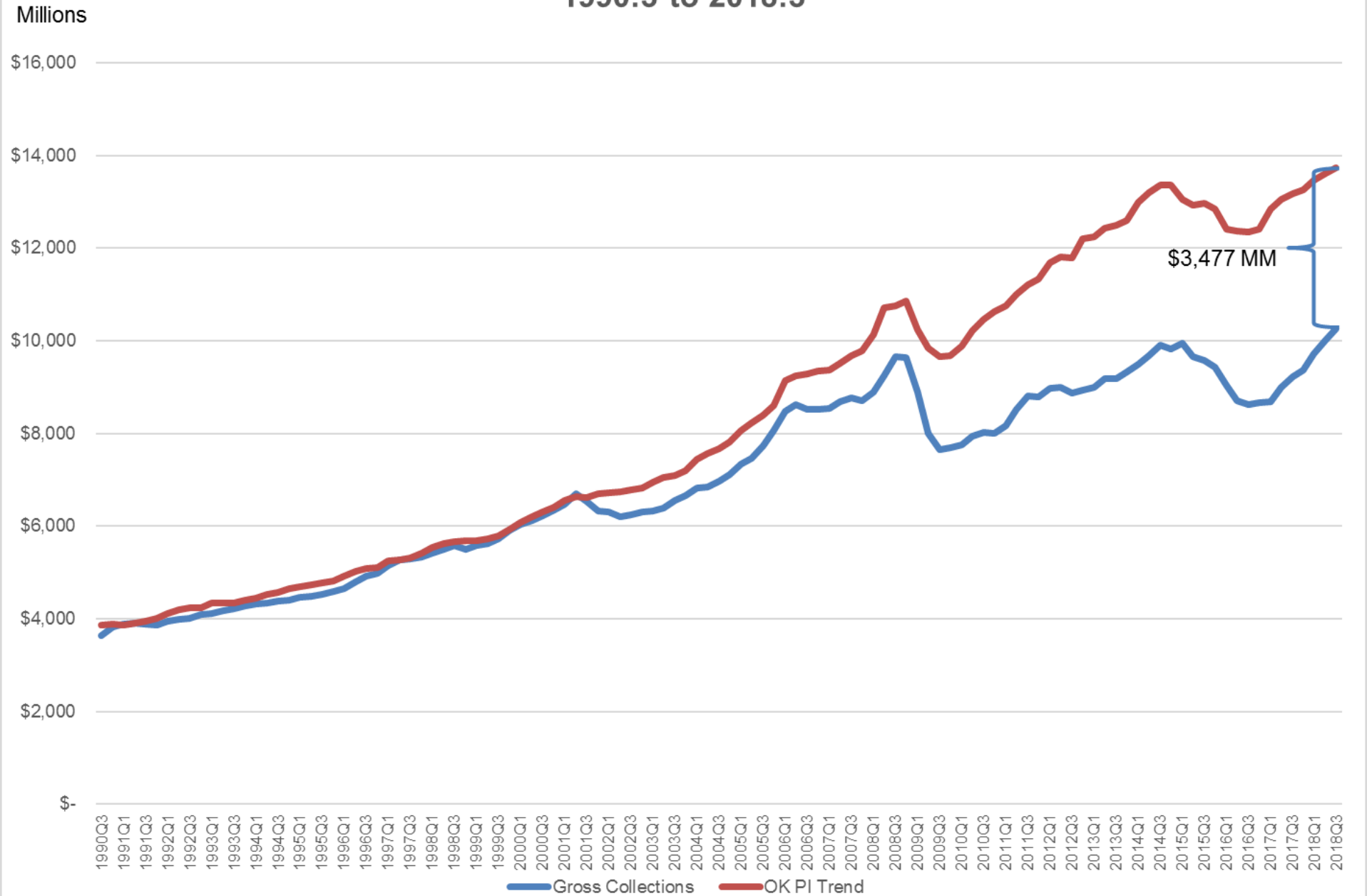
Percentage Contributions to Oklahoma Gross Tax of the Big Four 1990 - Present



Quarterly Gross Tax Collections by Type as Share of Personal Income Cumulative at Annualized Rates, 1990:3 - 2018:3



OK Gross State Tax Collections to OK Personal Income Trend 1990:3 to 2018:3



That's all, folks



CENTER FOR ECONOMIC AND MANAGEMENT RESEARCH



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Front cover photo of oil well on the state capitol grounds, courtesy of Fred Marvel, Oklahoma Department of Tourism.