

## **Economic Forecast**

Quarterly percent change, unless otherwise indicated

	2015				2016				2017				
Growth indicators	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	2014	2015	2016
GDP	0.6	3.9	1.0	2.2	1.6	2.4	2.5	2.3	2.3	3.1	2.5	1.9	2.2
Final sales	-0.2	3.9	2.1	2.5	1.5	2.3	2.7	2.1	2.2	3.1	2.4	2.2	2.3
Consumer spending	1.7	3.6	3.6	3.8	2.0	2.7	3.0	3.0	2.0	2.8	2.7	3.3	3.0
Fixed investment	3.3	5.1	2.8	3.8	4.2	4.2	3.5	3.4	4.1	3.7	5.3	4.1	3.9
Nonresidential	1.6	4.1	3.2	3.9	3.9	4.0	3.8	3.6	4.5	4.2	6.2	3.3	3.8
Structures	-7.4	6.3	2.0	5.0	7.5	10.0	10.0	10.0	12.0	10.0	8.1	0.3	7.2
Equipment	2.3	0.3	1.8	2.0	1.0	0.0	-0.5	-1.0	0.0	0.0	5.8	2.3	0.7
Intellectual Property	7.4	8.3	6.2	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.2	7.0	6.2
Residential	10.1	9.4	1.5	3.0	5.0	5.0	2.0	2.5	2.0	1.5	1.8	7.5	3.9
Inventory investment (\$bn)	112.8	113.5	70.0	60.0	65.0	70.0	60.0	70.0	75.0	80.0	68.0	89.1	66.3
Foreign trade (\$bn)	-541.2	-534.6	-574.1	-595.9	-618.6	-642.4	-667.3	-675.5	-670.0	-671.2	-442.5	-561.4	-651.0
Government spending	-0.1	2.6	1.0	-1.0	0.0	2.0	4.0	-2.0	0.0	3.0	-0.6	0.6	0.8
Treasury budget ( <b>fiscal yr</b> , \$bn)	-176.7	-262.8	126.1	-102	-170	-270	109	-169	-190	-295	-483	-418	-500
Housing starts, (thousands)	978	1,144	1,140	1,150	1,130	1,115	1,100	1,080	1,050	1,000	1,001	1,009	1,110
Unemployment rate (qtr avg, ann avg)	5.6	5.4	5.1	5.1	5.0	5.0	4.9	4.9	5.0	5.0	6.2	5.3	5.0
Nonfarm payrolls (qtr avg, ann total)	195K	221K	167k	190k	200k	215k	200k	190k	180k	170k	260k	200k	185k
Inflation indicators (quarter on previous	year's same	quarter, at	an annual ra	ate. Annual	figures are L	Dec. change	from prior	Dec.)					
PCE	0.2	0.2	0.3	0.2	1.0	1.1	1.1	1.6	1.6	1.3	0.8	0.5	1.6
Core PCE	1.3	1.3	1.2	1.2	1.2	1.0	0.9	1.0	1.0	1.2	1.4	1.3	1.0
PPI	-0.8	-0.7	-0.4	0.2	1.5	1.2	1.2	1.2	1.1	1.0	0.9	0.1	1.2
Core PPI	0.9	0.8	0.7	0.2	0.6	0.7	0.8	1.0	1.1	1.0	2.0	0.3	1.0
Interest rates, end of quarter and end of year													
Federal funds rate (top of range)	0.25	0.25	0.25	0.25	0.50	0.75	1.00	1.00	1.25	1.25	0.25	0.25	1.00
Interest paid on excess reserves	0.25	0.25	0.25	0.25	0.50	0.75	1.00	1.00	1.25	1.25	0.25	0.25	1.00
3-month LIBOR	0.27	0.28	0.33	0.29	0.58	0.83	1.08	1.08	1.33	1.55	0.26	0.29	1.08
3-mo Treasury bills	0.03	0.01	0.00	0.03	0.35	0.60	0.85	0.85	1.10	1.30	0.04	0.03	0.85
2-yr Treasury notes	0.56	0.64	0.64	0.75	1.00	1.10	1.20	1.30	1.40	1.50	0.67	0.75	1.30
5-yr Treasury notes	1.37	1.63	1.37	1.55	1.68	1.80	1.95	2.00	2.00	2.00	1.65	1.70	2.00
10-yr Treasury notes	1.94	2.35	2.05	2.25	2.35	2.40	2.35	2.30	2.25	2.20	2.17	2.45	2.30
30-yr Treasury bonds	2.54	3.11	2.85	2.90	2.95	3.00	2.90	2.85	2.80	2.75	2.75	3.05	2.85
Fed primary credit (discount rate)	0.75	0.75	0.75	0.75	1.00	1.25	1.50	1.50	1.75	2.00	0.75	0.75	1.50
Prime bank rate	3.25	3.25	3.25	3.25	3.50	3.75	4.00	4.00	4.25	4.50	3.25	3.25	4.00
Avg. fixed mortgage rate	3.69	4.08	3.75	3.95	4.05	4.10	4.05	4.00	3.95	3.90	3.87	4.15	4.00

## Actual values in red italics.

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