

Output (millions 2009 \$)	2010	2013	2014	2015	2016	2017	2018	2019	2020	2025	2030	2035	2040	2045
Total	8,412.4	8,282.0	8,645.8	8,827.9	9,127.0	9,248.5	9,352.1	9,475.6	9,741.9	11,226.9	12,818.0	14,368.7	16,032.9	17,820.0
Farm	26.7	36.0	40.0	42.1	43.6	45.0	46.4	47.7	49.0	54.9	60.1	66.0	72.4	79.5
State & Local Gov	368.0	342.5	349.4	339.9	342.7	345.4	347.4	349.2	352.5	376.8	403.9	435.2	466.4	496.1
Federal Civilian	22.2	20.5	21.0	21.9	21.7	21.9	22.1	22.2	22.4	23.1	24.0	25.0	26.0	27.1
Federal Military	29.5	21.8	21.5	21.4	21.5	21.7	21.8	21.9	22.0	22.9	23.9	24.8	25.7	26.7
Forestry & logging; Fishing & hunting	2.3	2.9	3.2	3.3	3.4	3.5	3.6	3.7	3.8	4.5	5.0	5.4	5.9	6.3
Agriculture & forestry support activities	0.6	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.6	0.7	0.8	0.9
Oil and gas extraction	0.8	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.9
Mining (except oil and gas)	0.0	2.4	2.2	2.1	2.1	2.1	2.1	2.1	2.2	2.4	2.7	2.9	3.1	3.3
Support activities for mining	0.9	2.4	2.3	1.8	1.6	1.5	1.5	1.5	1.5	1.7	2.0	2.1	2.1	2.1
Utilities	155.0	129.6	137.6	142.7	149.4	152.5	155.4	158.7	164.6	200.1	241.7	284.2	330.1	379.5
Construction	425.5	322.5	343.8	353.1	363.6	373.9	379.5	382.4	386.7	427.3	475.6	500.7	514.7	532.5
Wood product mfg	42.5	1.6	1.8	1.9	1.9	2.0	2.0	2.0	2.1	2.2	2.3	2.4	2.4	2.5
Nonmetallic mineral product mfg	39.7	17.2	17.8	18.4	19.3	20.1	20.7	21.4	22.0	24.6	26.4	26.8	26.2	24.7
Primary metal mfg	0.0	47.8	49.6	47.3	47.6	48.8	49.3	50.6	51.5	56.0	61.2	66.1	71.5	77.1
Fabricated metal product mfg	60.5	48.9	52.0	51.7	53.2	54.3	55.4	56.5	57.5	62.3	66.6	69.9	73.7	77.6
Machinery mfg	48.5	55.9	59.7	59.7	60.9	62.2	63.2	64.0	64.8	70.7	79.7	87.8	97.0	107.3
Computer and electronic product mfg	0.7	1.6	1.7	1.7	1.8	1.9	2.0	2.0	2.1	2.4	2.8	3.3	4.0	4.8
Electrical equipment and appliance mfg	21.9	40.2	43.2	44.8	46.7	48.3	49.6	51.4	53.1	61.1	68.2	76.0	85.3	95.6
Motor vehicles, bodies & trailers, & parts mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other transportation equipment mfg	0.0	1.2	1.3	1.3	1.4	1.5	1.5	1.6	1.6	1.8	2.0	2.1	2.3	2.4
Furniture and related product mfg	1.9	3.5	3.8	4.0	4.2	4.4	4.6	4.8	4.9	5.9	6.6	7.2	7.9	8.6
Miscellaneous mfg	3.0	2.7	3.0	3.2	3.3	3.3	3.3	3.4	3.6	4.4	5.0	5.5	6.1	6.6
Food mfg	2.8	3.2	3.3	3.3	3.4	3.4	3.4	3.4	3.5	3.6	3.8	4.1	4.3	4.5
Beverage and tobacco product mfg	0.0	8.0	8.7	9.3	9.6	9.8	10.0	10.2	10.4	11.5	12.7	13.3	13.9	14.5
Textile mills; Textile product mills	19.5	3.2	3.5	3.4	3.5	3.5	3.5	3.5	3.5	3.7	3.7	3.6	3.4	3.4
Apparel mfg; Leather product mfg	0.0	0.6	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.9	1.1	1.3	1.5
Paper mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Printing and related support activities	80.5	82.2	84.9	84.7	85.9	86.8	87.6	88.4	89.2	92.6	95.7	98.1	100.8	103.4
Petroleum and coal products mfg	251.6	214.9	229.4	236.7	243.5	245.1	245.9	247.9	252.8	290.5	339.7	392.5	452.4	518.9
Chemical mfg	3,383.9	3,493.3	3,588.2	3,692.6	3,846.7	3,844.8	3,832.3	3,848.0	3,984.6	4,725.3	5,504.5	6,291.0	7,136.9	8,024.6
Plastics and rubber product mfg	164.3	171.7	188.3	193.8	198.7	202.5	205.1	209.6	214.5	242.5	268.4	292.1	318.0	345.0
Wholesale trade	101.0	90.4	99.2	101.7	106.0	109.6	113.1	116.6	120.4	140.2	162.1	182.9	205.9	231.7
Retail trade	332.0	309.7	313.6	316.0	329.0	337.2	346.0	353.6	363.5	413.8	460.0	505.3	549.4	594.4
Air transportation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rail transportation	12.9	10.8	11.0	11.0	11.2	11.5	11.7	12.0	12.3	13.6	14.9	16.1	17.4	18.8
Water transportation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Truck transportation	14.2	12.4	13.5	13.8	14.2	14.7	15.0	15.4	15.8	17.8	19.8	21.8	24.0	26.4
Couriers and messengers	1.3	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.5	0.6	0.7
Transit and ground passenger transportation	1.4	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.5	1.6	1.7	1.9
Pipeline transportation	0.6	0.6	0.7	0.8	0.8	0.8	0.9	0.9	0.9	1.2	1.5	1.9	2.4	2.9
Scenic & sightseeing; Support for transportation	3.2	2.3	2.5	2.5	2.6	2.6	2.6	2.6	2.6	2.9	3.1	3.4	3.6	3.8
Warehousing and storage	3.8	4.0	4.2	4.4	4.6	4.7	4.8	4.9	5.0	5.8	6.6	7.3	8.2	9.1
Publishing industries, except Internet	55.7	19.4	79.4	80.3	81.8	83.3	84.2	84.9	85.8	90.5	94.3	95.9	97.5	99.3
Motion picture and sound recording industries	4.4	5.0	5.7	5.9	6.1	6.2	6.4	6.5	6.6	7.0	7.9	9.0	10.1	11.3
Internet pub; ISPs, search, & data processing; Other inf	15.7	38.9	57.7	59.8	61.6	63.0	64.4	65.8	67.8	79.8	94.9	112.0	131.0	152.6
Broadcasting, except Internet	3.4	3.6	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.8	5.5	6.1	6.8	7.5
Telecommunications	22.5	26.4	27.8	28.6	29.8	31.0	32.2	33.3	34.5	41.7	49.1	55.8	63.1	71.1
Central bank; Credit & related; Funds & other	231.8	164.5	167.6	170.8	178.0	183.7	189.3	194.9	201.0	231.5	265.9	296.8	329.5	365.8
Securities, commodity contracts, investments	22.4	20.1	18.7	18.8	19.7	20.6	21.5	22.2	23.0	26.6	30.6	34.5	38.8	43.7
Insurance carriers and related activities	54.4	61.1	63.7	66.0	68.6	71.0	73.3	75.5	77.5	85.3	93.4	99.9	106.9	114.4
Real estate	243.2	240.1	271.8	290.7	297.8	304.2	309.9	313.7	318.1	344.2	370.1	392.8	415.3	437.9
Rental services; Lessors of nonfinancial intangible assets	39.5	27.4	28.6	28.6	29.6	30.5	31.4	32.3	33.2	38.0	43.6	48.8	54.5	60.6
Professional, scientific, and technical services	272.9	227.7	237.4	238.8	245.7	250.8	255.9	260.4	266.7	301.3	339.4	373.5	408.5	445.0
Management of companies and enterprises	663.4	704.8	692.1	692.4	709.0	737.6	767.3	797.9	832.2	1,033.3	1,273.4	1,525.8	1,819.8	2,164.6
Administrative and support services	239.1	286.2	298.7	307.5	317.1	324.2	331.1	337.7	344.7	382.2	420.5	452.8	486.4	522.0
Waste management and remediation services	6.7	2.9	3.2	3.3	3.4	3.4	3.5	3.5	3.6	4.0	4.4	4.6	4.9	5.2
Educational services	67.1	61.0	63.6	63.5	64.6	65.5	66.4	67.1	67.7	69.7	72.1	73.5	75.1	76.9
Ambulatory health care services	171.7	196.6	214.2	217.6	224.7	228.9	233.7	237.1	241.9	268.8	294.6	321.0	348.8	378.0
Hospitals	228.9	257.5	260.8	268.1	273.9	277.8	282.2	285.2	288.3	305.3	316.3	320.2	322.1	320.1
Nursing and residential care facilities	83.1	53.8	55.4	55.9	57.4	58.8	60.3	61.4	62.6	69.3	75.4	81.3	88.2	95.6
Social assistance	41.8	37.2	38.1	38.7	40.1	41.0	42.0	42.7	43.6	47.4	50.8	54.1	57.0	59.3
Performing arts and spectator sports	22.8	22.0	22.9	23.1	23.7	24.2	24.7	25.0	25.5	28.1	30.5	32.5	34.4	36.5
Museums, historical sites, zoos, and parks	3.9	9.7	9.7	9.8	10.1	10.3	10.6	10.8	10.9	11.5	11.7	11.9	11.9	12.3
Amusement, gambling, and recreation	26.1	25.4	26.1	26.3	26.7	27.0	27.5	27.7	28.0	29.7	31.4	32.2	32.8	33.4
Accommodation	33.1	35.8	37.2	33.7	35.0	35.9	36.9	37.6	38.5	42.7	46.4	49.4	52.4	55.5
Food services and drinking places	98.9	103.8	108.7	109.6	113.8	116.4	119.0	120.9	123.1	134.9	146.8	155.5	163.8	172.7
Repair and maintenance	40.4	42.2	42.2	42.6	43.5	43.8	44.2	44.2	44.5	46.7	49.5	51.4	53.3	55.2
Personal and laundry services	38.9	35.5	36.5	36.7	37.8	38.5	39.2	39.7	40.3	44.1	48.1	50.5	52.8	55.3
Membership associations and organizations	53.2	58.2	60.2	61.2	63.7	65.5	67.3	68.6	70.2	76.9	82.8	87.0	90.0	91.9
Private households	4.4	4.8	5.4	6.9	7.1	7.2	7.3	7.4	7.5	7.9	8.2	8.6	8.8	9.0
Addendum Output														
Manufacturing	3,957.0	4,025.8	4,152.4	4,264.6	4,433.6	4,440.7	4,435.0	4,459.8	4,608.0	5,419.5	6,281.8	7,150.9	8,089.3	9,077.9
Leisure and Hospitality	184.8	196.7	204.7	202.5	209.3	213.8	218.6	222.0	226.0	246.9	266.8	281.4	295.4	310.3
Infor, Finance, Prof, HQ	1,346.6	1,271.4	1,353.6	1,365.2	1,404.2	1,451.1	1,498.4	1,545.5	1,599.4	1,901.8	2,254.3	2,609.2	3,012.0	3,475.2