

TABLE B-5. Chain-type price indexes for gross domestic product, 1968-2018

[Index numbers, 2012=100, except as noted; quarterly data seasonally adjusted]

Year or quarter	Gross domestic product	Personal consumption expenditures			Gross private domestic investment						
		Total	Goods	Services	Total	Fixed investment					Residential
						Total	Nonresidential			Intel-lectual property products	
							Total	Structures	Equipment		
1968	19.627	19.152	29.780	14.338	27.103	26.196	33.237	10.427	58.017	34.676	14.498
1969	20.590	20.015	30.934	15.078	28.402	27.498	34.638	11.114	59.657	36.204	15.518
1970	21.676	20.951	32.114	15.913	29.624	28.699	36.295	11.845	61.891	37.929	16.016
1971	22.776	21.841	33.079	16.781	31.092	30.134	37.997	12.757	63.848	39.318	16.943
1972	23.760	22.586	33.926	17.491	32.388	31.420	39.297	13.674	64.686	40.490	17.975
1973	25.061	23.802	35.949	18.336	34.153	33.169	40.882	14.734	65.780	42.494	19.571
1974	27.309	26.280	40.436	19.890	37.559	36.449	44.857	16.770	70.713	46.461	21.593
1975	29.846	28.470	43.703	21.595	42.059	40.874	50.766	18.773	81.494	50.190	23.590
1976	31.490	30.032	45.413	23.093	44.384	43.232	53.562	19.692	86.486	52.408	25.117
1977	33.445	31.966	47.837	24.841	47.655	46.550	57.111	21.401	91.800	54.709	27.683
1978	35.798	34.211	50.773	26.750	51.517	50.444	60.930	23.468	96.900	57.557	31.082
1979	38.766	37.251	55.574	28.994	56.141	54.977	65.830	26.194	103.167	61.382	34.593
1980	42.278	41.262	61.797	32.009	61.395	60.105	71.641	28.629	112.249	66.123	38.325
1981	46.269	44.958	66.389	35.288	67.123	65.624	78.453	32.566	120.463	71.058	41.425
1982	49.130	47.456	68.198	38.058	70.679	69.311	82.911	35.136	125.415	75.093	43.646
1983	51.051	49.474	69.429	40.396	70.896	69.575	82.774	34.241	125.776	77.898	44.680
1984	52.894	51.343	70.742	42.498	71.661	70.253	83.036	34.540	124.748	80.081	46.003
1985	54.568	53.134	71.877	44.577	72.548	71.277	83.893	35.361	124.748	81.413	47.267
1986	55.673	54.290	71.541	46.408	74.178	73.021	85.365	36.039	127.254	82.047	49.351
1987	57.041	55.964	73.842	47.796	75.723	74.506	86.339	36.618	128.083	83.518	51.486
1988	59.055	58.151	75.788	50.082	77.627	76.586	88.514	38.171	129.854	86.129	53.278
1989	61.370	60.690	78.704	52.443	79.606	78.561	90.572	39.666	132.337	87.240	55.020
1990	63.676	63.355	81.927	54.846	81.270	80.278	92.516	40.948	135.042	88.147	56.288
1991	65.819	65.473	83.930	56.992	82.648	81.683	94.267	41.689	137.330	90.271	57.021
1992	67.321	67.218	84.943	59.018	82.647	81.728	93.960	41.699	137.121	89.373	57.723
1993	68.917	68.892	85.681	61.059	83.627	82.711	94.161	42.922	135.518	89.998	60.074
1994	70.386	70.330	86.552	62.719	84.875	83.983	94.904	44.437	135.277	90.468	62.247
1995	71.864	71.811	87.361	64.471	86.240	85.378	95.849	46.362	133.796	93.134	64.473
1996	73.178	73.346	88.321	66.240	86.191	85.450	95.267	47.540	130.762	93.544	65.856
1997	74.446	74.623	88.219	68.107	86.241	85.599	94.735	49.355	127.156	94.052	67.444
1998	75.267	75.216	86.893	69.549	85.608	85.133	93.248	51.612	121.451	93.595	69.223
1999	76.346	76.338	87.349	70.970	85.690	85.277	92.314	53.198	116.763	95.105	71.816
2000	78.069	78.235	89.082	72.938	86.815	86.486	92.718	55.283	114.224	97.814	75.004
2001	79.822	79.738	89.015	75.171	87.555	87.241	92.346	58.178	110.858	97.684	78.564
2002	81.039	80.789	88.166	77.123	87.841	87.500	91.863	60.603	108.531	96.376	80.510
2003	82.567	82.358	88.054	79.506	88.561	88.265	91.156	62.769	105.725	95.647	84.325
2004	84.778	84.411	89.292	81.965	91.148	90.843	92.055	67.416	104.841	95.335	90.243
2005	87.407	86.812	91.084	84.673	94.639	94.597	94.443	75.733	104.598	95.952	96.706
2006	90.074	89.174	92.306	87.616	98.176	97.958	96.745	84.749	103.560	97.088	102.355
2007	92.498	91.438	93.331	90.516	99.656	99.456	98.310	89.748	103.191	98.284	103.708
2008	94.264	94.180	96.122	93.235	100.474	100.296	99.832	94.335	102.542	99.834	102.249
2009	94.999	94.094	93.812	94.231	99.331	99.076	99.184	92.613	103.169	98.589	98.671
2010	96.109	95.705	95.183	95.957	97.687	97.568	97.416	92.006	99.471	98.306	98.317
2011	98.112	98.131	98.773	97.814	98.704	98.641	98.559	95.362	99.447	99.517	99.049
2012	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
2013	101.773	101.346	99.407	102.316	100.979	101.091	100.251	101.455	99.787	100.081	105.054
2014	103.687	102.868	98.939	104.852	103.001	103.250	101.565	107.475	99.282	100.734	111.106
2015	104.757	103.126	95.889	106.823	103.696	104.217	102.081	109.852	98.743	101.516	114.100
2016	105.899	104.235	94.340	109.325	103.706	104.357	101.281	110.296	97.738	100.208	118.185
2017	107.932	106.073	94.632	111.984	105.268	105.939	101.962	113.120	97.183	101.294	123.495
2018 ^P	110.337	108.230	95.280	114.952	107.548	108.223	103.151	117.254	97.196	102.357	130.466
2015: I	104.127	102.608	95.891	106.034	103.747	104.157	102.258	109.822	99.190	101.414	113.003
II	104.745	103.108	96.333	106.563	103.677	104.200	102.183	109.524	98.965	101.735	113.569
III	105.060	103.417	96.149	107.129	103.764	104.329	102.117	110.020	98.581	101.759	114.554
IV	105.097	103.370	95.182	107.565	103.596	104.182	101.767	110.043	98.235	101.154	115.273
2016: I	105.043	103.428	94.193	108.171	103.182	103.839	101.215	109.569	97.992	100.101	115.804
II	105.738	104.036	94.470	108.953	103.607	104.238	101.341	110.431	97.840	100.163	117.326
III	106.110	104.485	94.259	109.751	103.752	104.427	101.157	110.262	97.707	99.900	119.058
IV	106.703	104.989	94.440	110.425	104.281	104.924	101.413	110.922	97.412	100.668	120.551
2017: I	107.233	105.528	94.964	110.972	104.537	105.217	101.559	111.656	97.329	100.773	121.446
II	107.553	105.735	94.298	111.644	105.059	105.720	101.818	112.670	97.256	101.028	122.955
III	108.134	106.156	94.462	112.201	105.567	106.247	102.147	113.748	97.132	101.536	124.320
IV	108.807	106.873	94.804	113.120	105.907	106.571	102.325	114.406	97.016	101.841	125.258
2018: I	109.348	107.524	95.324	113.840	106.564	107.225	102.501	115.299	96.939	101.945	127.938
II	110.172	108.052	95.413	114.606	107.385	108.060	103.006	116.736	97.142	102.305	130.216
III	110.669	108.474	95.329	115.302	107.923	108.598	103.404	117.622	97.436	102.550	131.373
IV ^P	111.161	108.869	95.054	116.062	108.322	109.010	103.694	119.360	97.266	102.626	132.337

See next page for continuation of table.

TABLE B-5. Chain-type price indexes for gross domestic product, 1968–2018—Continued

[Index numbers, 2012=100, except as noted; quarterly data seasonally adjusted]

Year or quarter	Exports and imports of goods and services		Government consumption expenditures and gross investment					Final sales of domestic product	Personal consumption expenditures excluding food and energy	Gross domestic purchases ¹	Percent change ²			
	Exports	Imports	Total	Federal			State and local				Gross domestic product	Personal consumption expenditures		Gross domestic purchases ¹
				Total	National defense	Non-defense						Total	Excluding food and energy	
1968.....	27.664	18.361	14.068	16.849	16.196	18.180	12.234	19.502	20.194	19.080	4.3	3.9	4.3	4.2
1969.....	28.589	18.839	14.892	17.715	17.019	19.154	13.063	20.465	21.136	20.010	4.9	4.5	4.7	4.9
1970.....	29.711	19.954	16.078	19.109	18.294	20.906	14.117	21.547	22.126	21.087	5.3	4.7	4.7	5.4
1971.....	30.796	21.179	17.352	20.670	19.817	22.521	15.198	22.642	23.167	22.185	5.1	4.2	4.7	5.2
1972.....	32.145	22.662	18.662	22.485	21.883	23.579	16.163	23.624	23.912	23.175	4.3	3.4	3.2	4.5
1973.....	36.382	26.601	19.936	24.051	23.484	25.018	17.246	24.923	24.823	24.499	5.5	5.4	3.8	5.7
1974.....	44.807	38.058	21.852	25.971	25.404	26.904	19.157	27.154	26.788	26.986	9.0	10.4	7.9	10.2
1975.....	49.388	41.226	23.870	28.254	27.545	29.484	20.999	29.680	29.026	29.452	9.3	8.3	8.4	9.1
1976.....	51.009	42.467	25.181	30.012	29.345	31.124	22.024	31.326	30.791	31.071	5.5	5.5	6.1	5.5
1977.....	53.088	46.209	26.739	31.858	31.268	32.782	23.394	33.284	32.771	33.119	6.2	6.5	6.4	6.6
1978.....	56.317	49.466	28.507	34.008	33.561	34.612	24.914	35.637	34.943	35.474	7.0	7.0	6.6	7.1
1979.....	63.101	57.930	30.853	36.566	36.216	36.952	27.114	38.591	37.490	38.585	8.3	8.9	7.3	8.8
1980.....	69.503	72.166	34.045	40.099	39.919	40.106	30.081	42.084	40.936	42.602	9.1	10.8	9.2	10.4
1981.....	74.650	76.066	37.424	43.843	43.747	43.643	33.226	46.046	44.523	46.532	9.4	9.0	8.8	9.2
1982.....	75.006	73.506	39.969	46.943	47.039	46.289	35.401	48.921	47.417	49.214	6.2	5.6	6.5	5.8
1983.....	75.311	70.751	41.516	48.499	48.778	47.397	36.964	50.836	49.844	50.926	3.9	4.3	5.1	3.5
1984.....	76.016	70.139	43.317	50.637	51.013	49.279	38.544	52.671	51.911	52.649	3.6	3.8	4.1	3.4
1985.....	73.753	67.836	44.659	51.712	51.872	50.907	40.113	54.371	54.019	54.214	3.2	3.5	4.1	3.0
1986.....	72.523	67.834	45.409	51.957	51.894	51.748	41.269	55.492	55.883	55.345	2.0	2.2	3.5	2.1
1987.....	74.124	71.935	46.635	52.318	52.267	52.076	43.196	56.851	57.683	56.908	2.5	3.1	3.2	2.8
1988.....	77.920	75.377	48.177	54.025	53.904	53.974	44.640	58.890	60.134	58.921	3.5	3.9	4.2	3.5
1989.....	79.210	77.024	50.016	55.534	55.365	55.605	46.752	61.205	62.630	61.240	3.9	4.4	4.2	3.9
1990.....	79.657	79.233	52.113	57.250	57.162	57.093	49.153	63.519	65.168	63.663	3.8	4.4	4.1	4.0
1991.....	80.545	78.573	54.005	59.309	58.964	59.787	50.953	65.663	67.495	65.662	3.4	3.3	3.6	3.1
1992.....	80.153	78.636	55.642	60.824	60.678	60.825	52.690	67.169	69.547	67.190	2.3	2.7	3.0	2.3
1993.....	80.277	78.033	56.953	62.151	61.615	62.994	54.002	68.765	71.436	68.706	2.4	2.5	2.7	2.3
1994.....	81.210	78.766	58.463	63.861	63.229	64.898	55.394	70.239	73.034	70.147	2.1	2.1	2.2	2.1
1995.....	83.025	80.924	60.123	65.838	65.027	67.223	56.871	71.722	74.625	71.661	2.1	2.1	2.2	2.2
1996.....	81.923	79.514	61.355	66.937	66.114	68.344	58.177	73.055	76.040	72.908	1.8	2.1	1.9	1.7
1997.....	80.479	76.750	62.560	67.972	67.035	69.591	59.471	74.344	77.362	73.968	1.7	1.7	1.8	1.5
1998.....	78.574	72.618	63.624	68.841	67.871	70.518	60.630	75.200	78.366	74.476	1.1	1.8	1.3	1.7
1999.....	77.971	73.019	65.778	70.519	69.559	72.178	63.008	76.296	79.425	75.632	1.4	1.5	1.4	1.6
2000.....	79.467	76.221	68.601	72.886	71.908	74.578	66.032	78.037	80.804	77.575	2.3	2.5	1.7	2.6
2001.....	78.836	74.223	70.567	74.236	73.270	75.906	68.281	79.793	82.258	79.039	2.2	1.9	1.8	1.9
2002.....	78.201	73.242	72.393	76.631	75.714	78.222	69.815	81.004	83.639	80.125	1.5	1.3	1.7	1.4
2003.....	79.400	75.454	75.028	80.008	79.505	80.895	72.050	82.541	84.837	81.776	1.9	1.9	1.4	2.1
2004.....	82.284	79.060	78.153	82.760	82.263	83.637	75.369	84.751	86.515	84.126	2.7	2.5	2.0	2.9
2005.....	85.131	83.703	82.110	86.204	86.011	86.531	79.609	87.388	88.373	87.037	3.1	2.8	2.1	3.5
2006.....	87.842	86.909	85.661	88.949	89.022	88.799	83.617	90.058	90.392	89.783	3.1	2.7	2.3	3.2
2007.....	91.139	89.921	89.491	91.589	91.750	91.279	88.133	92.489	92.378	92.206	2.7	2.5	2.2	2.7
2008.....	95.410	98.960	93.308	94.381	94.801	93.597	92.558	94.259	94.225	94.849	1.9	3.0	2.0	2.9
2009.....	89.694	87.987	92.931	94.214	94.126	94.364	92.048	94.970	95.315	94.559	.8	–1	1.2	–3
2010.....	93.348	92.783	95.386	96.421	96.128	96.942	94.669	96.086	96.608	95.923	1.2	1.7	1.4	1.4
2011.....	99.242	99.826	98.285	99.070	98.946	99.289	97.739	98.100	98.139	98.246	2.1	2.5	1.6	2.4
2012.....	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	1.9	1.9	1.9	1.8
2013.....	100.168	98.636	102.332	100.931	100.609	101.478	103.279	101.795	101.526	101.468	1.8	1.3	1.5	1.5
2014.....	100.169	97.777	104.445	102.618	101.995	103.656	105.670	103.732	103.168	103.178	1.9	1.5	1.6	1.7
2015.....	95.146	89.728	104.717	103.200	102.256	104.739	105.748	104.851	104.501	103.512	1.0	.3	1.3	.3
2016.....	93.248	86.531	105.059	103.737	102.557	105.631	105.970	106.021	106.237	104.306	1.1	1.1	1.7	.8
2017.....	95.923	88.511	107.797	105.753	104.209	108.188	109.155	108.059	107.961	106.249	1.9	1.8	1.6	1.9
2018 ^p	99.395	91.222	110.841	107.497	105.512	110.594	113.012	110.465	110.005	108.574	2.2	2.0	1.9	2.2
2015: I.....	96.169	91.679	104.283	102.928	102.046	104.374	105.212	104.197	103.902	103.106	–2	–1.8	.7	–1.5
II.....	95.970	90.476	104.860	103.213	102.281	104.734	105.971	104.840	104.358	103.521	2.4	2.0	1.8	1.6
III.....	94.968	89.358	105.004	103.408	102.460	104.954	106.084	105.163	104.736	103.764	1.2	1.2	1.5	.9
IV.....	93.477	87.399	104.722	103.251	102.238	104.893	105.725	105.205	105.009	103.657	.1	–2	1.0	–4
2016: I.....	92.116	85.902	104.130	102.934	101.836	104.706	104.962	105.166	105.461	103.525	–2	.2	1.7	–5
II.....	93.073	86.216	104.846	103.502	102.356	105.346	105.769	105.857	106.008	104.121	2.7	2.4	2.1	2.3
III.....	93.612	86.884	105.301	103.970	102.794	105.858	106.218	106.236	106.546	104.521	1.4	1.7	2.0	1.5
IV.....	94.192	87.121	105.960	104.541	103.241	106.613	106.931	106.824	106.933	105.055	2.3	1.9	1.5	2.1
2017: I.....	95.071	88.099	106.928	105.245	103.821	107.502	108.061	107.361	107.365	105.619	2.0	2.1	1.6	2.2
II.....	95.135	88.089	107.350	105.594	104.056	108.023	108.528	107.678	107.724	105.915	1.2	.8	1.3	1.1
III.....	96.032	88.307	108.027	105.914	104.322	108.422	109.428	108.262	108.102	106.393	2.2	1.6	1.4	1.8
IV.....	97.455	89.548	108.884	106.257	104.637	108.806	110.603	108.933	108.654	107.069	2.5	2.7	2.1	2.6
2018: I.....	98.411	91.134	109.665	106.739	105.010	109.452	111.572	109.473	109.242	107.742	2.0	2.5	2.2	2.5
II.....	99.799	91.322	110.555	107.274	105.355	110.270	112.686	110.300	109.814	108.381	3.0	2.0	2.1	2.4
III.....	99.870	91.424	111.232	107.682	105.671	110.816	113.533	110.797	110.246	108.865	1.8	1.6	1.6	1.8
IV ^p	99.500	91.006	111.912	108.292	106.012	111.837	114.257	111.291	110.719	109.307	1.8	1.5	1.7	1.6

¹ Gross domestic product (GDP) less exports of goods and services plus imports of goods and services.² Quarterly percent changes are at annual rates.

Source: Department of Commerce (Bureau of Economic Analysis).