

TABLE B-5. Chain-type price indexes for gross domestic product, 1969-2019

[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	Total	Fixed investment				Residential
							Nonresidential				
							Total	Structures	Equipment	Intel-lectual property products	
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	81.484	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	94.839	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	103.647	102.830	98.920	104.804	102.922	103.172	101.469	107.198	99.169	100.791	111.118
2015	104.688	103.045	95.885	106.704	103.666	104.187	102.042	109.598	98.672	101.677	114.129
2016	105.770	104.091	94.318	109.120	103.567	104.234	101.146	109.958	97.436	100.464	118.148
2017	107.795	105.929	94.586	111.793	105.378	106.057	102.116	112.952	97.287	101.742	123.510
2018	110.382	108.143	95.232	114.851	107.757	108.507	103.515	117.062	97.396	103.282	130.488
2019 ^P	112.358	109.670	94.785	117.458	109.418	110.164	104.694	121.097	97.525	104.211	134.310
2016: I	104.933	103.297	94.181	107.979	103.031	103.720	101.080	109.254	97.771	100.224	115.777
II	105.618	103.910	94.465	108.765	103.419	104.082	101.169	110.089	97.562	100.280	117.271
III	105.987	104.344	94.231	109.553	103.635	104.297	101.017	109.949	97.353	100.204	119.006
IV	106.543	104.812	94.393	110.182	104.184	104.837	101.319	110.542	97.056	101.149	120.540
2017: I	107.040	105.355	94.898	110.745	104.588	105.269	101.633	111.333	97.319	101.245	121.452
II	107.394	105.596	94.264	111.452	105.151	105.852	101.989	112.456	97.338	101.592	122.970
III	108.032	106.033	94.425	112.038	105.787	106.395	102.333	113.703	97.297	101.914	124.348
IV	108.715	106.733	94.759	112.935	105.985	106.714	102.509	114.317	97.194	102.216	125.270
2018: I	109.341	107.401	95.228	113.707	106.862	107.595	102.950	115.133	97.116	103.154	128.031
II	110.209	107.988	95.400	114.520	107.615	108.386	103.428	116.547	97.321	103.433	130.203
III	110.765	108.413	95.319	115.220	108.186	108.951	103.841	117.480	97.710	103.558	131.450
IV	111.212	108.772	94.982	115.958	108.366	109.096	103.839	119.087	97.436	102.984	132.267
2019: I	111.504	108.879	94.590	116.339	108.832	109.577	104.241	119.899	97.669	103.378	133.108
II	112.173	109.522	94.955	117.133	109.382	110.110	104.770	121.074	97.764	104.123	133.655
III	112.679	109.928	94.772	117.865	109.678	110.426	104.911	121.543	97.487	104.638	134.780
IV ^P	113.076	110.352	94.822	118.497	109.779	110.543	104.854	121.871	97.182	104.704	135.697

See next page for continuation of table.

TABLE B-5. Chain-type price indexes for gross domestic product, 1969-2019—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	
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	77.382	73.983	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	1.2	-3.3
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.....	100.272	97.854	104.435	102.632	102.056	103.593	105.645	103.692	103.122	103.138	1.8	1.5	1.6	1.6
2015.....	95.385	89.947	104.705	103.282	102.402	104.718	105.677	104.782	104.407	103.453	1.0	2	1.2	3
2016.....	93.455	86.696	105.050	103.900	102.776	105.701	105.854	105.895	106.070	104.185	1.0	1.0	1.6	.7
2017.....	95.850	88.622	107.647	106.040	104.518	108.435	108.731	107.923	107.795	106.148	1.9	1.8	1.6	1.9
2018.....	99.104	91.181	111.403	109.336	107.609	112.040	112.772	110.523	109.897	108.647	2.4	2.1	1.9	2.4
2019 ^P	98.886	89.945	113.787	111.587	109.441	114.931	115.244	112.499	111.670	110.339	1.8	1.4	1.6	1.6
2016: I.....	92.321	86.050	104.165	103.105	102.013	104.858	104.913	105.061	105.322	103.418	-2	2	1.7	-6
II.....	93.253	86.407	104.906	103.697	102.631	105.412	105.746	105.743	105.848	104.016	2.6	2.4	2.0	2.3
III.....	93.803	87.028	105.285	104.147	103.041	105.921	106.082	106.112	106.363	104.405	1.4	1.7	2.0	1.5
IV.....	94.441	87.298	105.843	104.651	103.419	106.613	106.674	106.666	106.746	104.902	2.1	1.8	1.4	1.9
2017: I.....	95.054	88.312	106.697	105.230	103.893	107.347	107.694	107.168	107.189	105.474	1.9	2.1	1.7	2.2
II.....	95.094	88.251	107.102	105.667	104.165	108.032	108.081	107.525	107.540	105.797	1.3	9	1.3	1.2
III.....	95.974	88.394	107.843	106.201	104.601	108.710	108.949	108.147	107.934	106.319	2.4	1.7	1.5	2.0
IV.....	97.277	89.529	108.946	107.063	105.411	109.651	110.200	108.853	108.516	107.001	2.6	2.7	2.2	2.6
2018: I.....	98.129	91.124	110.007	108.219	106.576	110.795	111.204	109.478	109.131	107.770	2.3	2.5	2.3	2.9
II.....	98.364	91.250	111.047	108.992	107.317	111.617	112.408	110.354	109.707	108.461	3.2	2.2	2.1	2.6
III.....	99.640	91.378	111.882	109.685	108.027	112.284	113.332	110.908	110.136	108.978	2.0	1.6	1.6	1.9
IV.....	99.284	90.972	112.674	110.450	108.517	113.464	114.142	111.351	110.612	109.378	1.6	1.3	1.7	1.5
2019: I.....	98.663	90.158	113.046	111.691	108.804	116.187	113.973	111.644	110.902	109.591	1.1	4	1.1	1.8
II.....	99.463	90.521	113.526	111.096	109.207	114.042	115.125	112.311	111.414	110.192	2.4	2.4	1.9	2.2
III.....	98.876	89.597	113.973	111.517	109.595	114.513	115.589	112.821	111.997	110.585	1.8	1.5	2.1	1.4
IV ^P	98.544	89.503	114.605	112.043	110.158	114.980	116.290	113.222	112.366	110.990	1.4	1.6	1.3	1.5

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).