Table B–5. Chain-type price indexes for gross domestic product, 1969–2020

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

Year or quarter	Gross domestic product	Personal consumption expenditures			Gross private domestic investment						
						Fixed investment					
							Nonresidential				
		Total	Goods	Services	Total	Total	Total	Structures	Equipment	Intellectual property products	Residential
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	31.986	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	104.639	103.043	95.896	106.694	103.535	104.075	101.909	109.403	98.671	101.374	114.114
2016	105.736	104.121	94.325	109.160	103.520	104.214	101.131	109.763	97.621	100.232	118.134
2017	107.751	105.984	94.597	111.868	105.246	105.954	101.994	112.668	97.565	101.065	123.497
2018	110.322	108.239	95.244	114.991	107.217	107.998	102.882	114.563	97.685	102.372	130.470
2019	112.318	109.851	94.785	117.744	108.998	109.799	104.256	118.709	97.888	103.683	134.182
2017: I	107.031	105.421	94.913	110.837	104.517	105.234	101.600	111.439	97.577	100.649	121.429
II	107.368	105.654	94.283	111.530	105.093	105.807	101.942	112.438	97.538	101.089	122.950
III	107.968	106.084	94.403	112.125	105.608	106.272	102.184	113.392	97.574	101.167	124.339
IV	108.637	106.775	94.788	112.980	105.765	106.503	102.248	113.401	97.572	101.353	125.271
2018: I	109.292	107.485	95.232	113.832	106.395	107.188	102.442	113.387	97.487	102.057	128.032
II	110.165	108.081	95.419	114.650	107.097	107.847	102.754	114.053	97.500	102.552	130.203
III	110.671	108.501	95.317	115.356	107.553	108.333	103.073	114.628	97.885	102.617	131.433
IV	111.159	108.889	95.009	116.125	107.823	108.624	103.257	116.182	97.868	102.262	132.212
2019: I	111.497	109.042	94.571	116.605	108.501	109.279	103.885	117.323	98.081	103.149	132.981
II	112.181	109.726	94.985	117.436	108.971	109.767	104.341	118.610	97.992	103.848	133.615
III	112.602	110.108	94.766	118.154	109.232	110.049	104.457	119.236	97.758	104.129	134.663
IV	112.989	110.529	94.817	118.781	109.287	110.099	104.342	119.668	97.722	103.606	135.468
2020: I	113.380	110.882	94.599	119.456	109.764	110.446	104.589	120.124	97.888	103.838	136.256
II	112.860	110.435	93.248	119.560	109.739	110.678	104.800	119.803	97.879	104.585	136.583
III *p*	113.850	111.450	94.494	120.408	110.463	111.295	104.834	119.993	97.722	104.774	139.690

See next page for continuation of table.

Table B–5. Chain-type price indexes for gross domestic product, 1969–2020—*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]			
				Federal							Gross domestic product	Personal consumption expenditures		Gross domestic purchases [1]
	Exports	Imports	Total	Total	National defense	Non-defense	State and local					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	.8	1.3	.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	100.272	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	95.395	90.001	104.598	103.128	102.334	104.428	105.598	104.737	104.404	103.411	1.0	.2	1.2	.3
2016	93.490	86.867	104.926	103.711	102.696	105.342	105.770	105.867	106.102	104.175	1.0	1.0	1.6	.7
2017	95.921	88.771	107.398	105.843	104.449	108.040	108.450	107.885	107.855	106.119	1.9	1.8	1.7	1.9
2018	99.183	91.334	111.312	109.089	107.477	111.619	112.775	110.470	110.005	108.602	2.4	2.1	2.0	2.3
2019	98.751	89.986	113.439	111.110	109.256	114.014	114.969	112.470	111.875	110.329	1.8	1.5	1.7	1.6
2017: I	95.121	88.409	106.487	105.072	103.888	106.955	107.454	107.166	107.251	105.470	2.0	2.2	1.8	2.2
II	95.169	88.330	106.794	105.466	104.097	107.625	107.708	107.502	107.619	105.773	1.3	.9	1.4	1.2
III	96.049	88.589	107.589	106.002	104.518	108.335	108.661	108.094	107.989	106.278	2.3	1.6	1.4	1.9
IV	97.346	89.756	108.721	106.831	105.294	109.244	109.978	108.777	108.561	106.953	2.5	2.6	2.1	2.6
2018: I	98.203	91.232	109.901	107.962	106.419	110.386	111.190	109.442	109.212	107.727	2.4	2.7	2.4	2.9
II	99.416	91.292	110.934	108.763	107.222	111.184	112.365	110.308	109.834	108.414	3.2	2.2	2.3	2.6
III	99.718	91.626	111.821	109.413	107.874	111.832	113.398	110.820	110.232	108.918	1.8	1.6	1.5	1.9
IV	99.394	91.186	112.592	110.218	108.394	113.073	114.148	111.312	110.743	109.348	1.8	1.4	1.9	1.6
2019: I	98.554	90.291	112.931	111.479	108.822	115.643	113.914	111.645	111.074	109.623	1.2	.6	1.2	1.0
II	99.335	90.485	113.256	110.761	109.118	113.332	114.890	112.333	111.666	110.211	2.5	2.5	2.1	2.2
III	98.763	89.745	113.547	110.921	109.345	113.390	115.262	112.758	112.192	110.557	1.5	1.4	1.9	1.3
IV	98.350	89.426	114.022	111.281	109.741	113.691	115.811	113.145	112.568	110.925	1.4	1.5	1.3	1.3
2020: I	97.739	89.113	114.527	111.205	109.701	113.561	116.688	113.514	113.027	111.324	1.4	1.3	1.6	1.4
II	92.774	86.125	113.972	110.901	109.014	113.834	115.969	113.039	112.809	110.930	–1.8	–1.6	–.8	–1.4
III [p]	95.620	87.928	114.715	111.340	109.533	114.153	116.915	114.011	113.790	111.846	3.6	3.7	3.5	3.3

[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).