

## NEW CONSTRUCTION

[Monthly data seasonally adjusted]

Period	Total new construction expenditures	Private						Federal and State and local	Construction contracts <sup>3</sup>	
		Total	Residential		Commercial and industrial <sup>2</sup>	Other	Total value index (1992=100)		Commercial and industrial floor space (millions of square feet)	
			Total <sup>1</sup>	New housing units						
Billions of dollars										
1990 .....	468.5	361.1	182.9	128.0	119.4	58.8	107.5	98	783	
1991 .....	424.2	314.1	157.8	110.6	93.7	62.6	110.1	92	577	
1992 .....	452.1	336.2	187.8	129.6	82.2	66.2	115.8	100	556	
1993 .....	478.6	362.7	210.5	144.1	84.4	67.8	116.0	108	589	
1994 .....	519.5	399.3	238.9	167.9	93.3	67.1	120.2	118	744	
1995 .....	537.4	407.5	230.7	162.9	107.9	68.9	129.9	122	862	
1996 .....	583.4	449.0	256.5	179.4	119.6	72.9	134.5	132	875	
1997 .....	618.2	475.1	265.9	187.3	130.4	78.9	143.1	143	1,027	
1998 .....	665.4	520.1	294.3	213.9	142.5	83.2	145.4	157	1,223	
1999 <sup>p</sup> .....	705.1	547.0	321.7	240.4	145.3	80.1	158.0	166	1,143	
Annual rates										
1998: Dec .....	690.5	541.6	310.3	230.5	147.7	83.6	148.9	169	.....	
1999: Jan .....	697.9	543.5	315.8	235.1	147.0	80.7	154.4	180	.....	
Feb .....	710.7	548.7	318.5	238.1	148.6	81.6	162.0	169	.....	
Mar .....	715.4	555.4	323.1	241.5	149.5	82.8	160.0	167	.....	
Apr .....	704.6	547.9	322.2	241.2	144.7	81.0	156.7	173	.....	
May .....	698.5	546.9	321.8	239.9	145.4	79.7	151.6	176	.....	
June .....	698.9	546.9	320.9	238.5	144.4	81.7	151.9	179	.....	
July <sup>r</sup> .....	702.0	546.0	320.3	238.9	144.9	80.7	156.0	175	.....	
Aug <sup>r</sup> .....	698.4	541.8	319.7	238.6	143.2	78.9	156.6	158	.....	
Sept <sup>r</sup> .....	698.2	540.9	320.0	239.1	143.2	77.7	157.2	168	.....	
Oct <sup>r</sup> .....	701.9	543.8	322.7	240.1	142.4	78.8	158.1	170	.....	
Nov .....	716.0	550.5	325.7	244.1	145.7	79.1	165.5	166	.....	
Dec <sup>p</sup> .....	730.3	554.5	330.5	251.7	144.6	79.4	175.7	165	.....	

<sup>1</sup> Includes residential improvements, not shown separately.  
<sup>2</sup> Includes hotels and motels.  
<sup>3</sup> F.W. Dodge series.

Sources: Department of Commerce (Bureau of the Census) and The McGraw-Hill Companies, Inc., F.W. Dodge Division.

## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or homes, except as noted]

Period	New private housing units						New private homes		Vacancy rate for rental housing units (percent) <sup>2</sup>
	Units started, by type of structure				Units authorized	Units completed	Homes sold	Homes for sale at end of period <sup>1</sup>	
	Total	1 unit	2-4 units	5 or more units					
1990 .....	1,192.7	894.8	37.5	260.4	1,110.8	1,308.0	534	321	7.2
1991 .....	1,013.9	840.4	35.6	137.9	948.8	1,090.8	509	284	7.4
1992 .....	1,199.7	1,029.9	30.7	139.0	1,094.9	1,157.5	610	265	7.4
1993 .....	1,287.6	1,125.7	29.4	132.6	1,199.1	1,192.7	666	293	7.3
1994 .....	1,457.0	1,198.4	35.0	223.5	<sup>3</sup> 1,371.6	1,346.9	670	336	7.4
1995 .....	1,354.1	1,076.2	33.7	244.1	1,332.5	1,312.6	667	370	7.6
1996 .....	1,476.8	1,160.9	45.2	270.8	1,425.6	1,412.9	757	322	7.8
1997 .....	1,474.0	1,133.7	44.5	295.8	1,441.1	1,400.5	804	283	7.7
1998 .....	1,616.9	1,271.4	42.6	302.9	1,612.3	1,474.2	886	295	7.9
1999 <sup>p</sup> .....	1,663.0	1,331.7	31.7	299.6	1,640.2	1,632.7	904	322	8.1
Seasonally adjusted annual rates									
1998: Dec .....	1,750	1,383	29	338	1,708	1,440	958	295	7.8
1999: Jan .....	1,820	1,393	57	370	1,778	1,648	908	295	.....
Feb .....	1,752	1,380	27	345	1,738	1,528	909	297	.....
Mar .....	1,746	1,394	33	319	1,654	1,700	885	300	8.2
Apr .....	1,577	1,260	30	287	1,572	1,633	952	300	.....
May .....	1,668	1,389	26	253	1,591	1,650	914	304	.....
June .....	1,607	1,305	29	273	1,641	1,674	932	306	8.1
July .....	1,680	1,332	39	309	1,641	1,609	929	305	.....
Aug .....	1,655	1,289	31	335	1,619	1,594	<sup>r</sup> 912	307	.....
Sept .....	1,637	1,295	38	304	1,506	<sup>r</sup> 1,668	<sup>r</sup> 860	<sup>r</sup> 311	8.2
Oct <sup>r</sup> .....	1,642	1,339	25	278	1,594	1,636	919	315	.....
Nov <sup>r</sup> .....	1,598	1,299	24	275	1,612	1,628	861	318	.....
Dec <sup>p</sup> .....	1,712	1,402	30	280	1,622	1,661	900	322	7.9

<sup>1</sup> Seasonally adjusted.  
<sup>2</sup> Revised series beginning 1994; not comparable with earlier data, except 1993 data have been revised to be comparable with new series beginning in 1994.  
 Quarterly data entered in last month of quarter.  
<sup>3</sup> The 1994 total based on 17,000 permit-issuing places is 1,333.7 thousand units.

NOTE.—Beginning 1994, units authorized are for 19,000 places. For other data shown, units authorized are for 17,000 places.  
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		Total	Residential		Commercial and industrial <sup>2</sup>	Other	Total value index (1992=100)		Commercial and industrial floor space (millions of square feet)	
			Total <sup>1</sup>	New housing units						
Billions of dollars										
1990 .....	468.5	361.1	182.9	128.0	119.4	58.8	107.5	98	783	
1991 .....	424.2	314.1	157.8	110.6	93.7	62.6	110.1	92	577	
1992 .....	452.1	336.2	187.8	129.6	82.2	66.2	115.8	100	556	
1993 .....	478.6	362.7	210.5	144.1	84.4	67.8	116.0	108	589	
1994 .....	519.5	399.3	238.9	167.9	93.3	67.1	120.2	118	744	
1995 .....	537.4	407.5	230.7	162.9	107.9	68.9	129.9	122	862	
1996 .....	583.4	449.0	256.5	179.4	119.6	72.9	134.5	132	875	
1997 .....	618.2	475.1	265.9	187.3	130.4	78.9	143.1	144	1,027	
1998 .....	665.4	520.1	294.3	213.9	142.5	83.2	145.4	160	1,223	
1999 <sup>r</sup> .....	705.1	547.0	321.7	240.4	145.2	80.2	158.1	174	1,143	
Annual rates										
1999: Jan .....	697.9	543.5	315.8	235.1	147.0	80.7	154.4	186	.....	
Feb .....	710.7	548.7	318.5	238.1	148.6	81.6	162.0	175	.....	
Mar .....	715.4	555.4	323.1	241.5	149.5	82.8	160.0	171	.....	
Apr .....	704.6	547.9	322.2	241.2	144.7	81.0	156.7	179	.....	
May .....	698.5	546.9	321.8	239.9	145.4	79.7	151.6	180	.....	
June .....	698.9	546.9	320.9	238.5	144.4	81.7	151.9	185	.....	
July .....	702.0	546.0	320.3	238.9	144.9	80.7	156.0	181	.....	
Aug .....	698.4	541.8	319.7	238.6	143.2	78.9	156.6	165	.....	
Sept .....	698.2	540.9	320.0	239.1	143.2	77.7	157.2	170	.....	
Oct .....	701.9	543.8	322.7	240.1	142.4	78.8	158.1	170	.....	
Nov <sup>r</sup> .....	716.5	549.3	325.7	244.3	145.3	78.3	167.1	170	.....	
Dec <sup>r</sup> .....	731.8	556.3	330.1	251.3	145.3	80.9	175.5	168	.....	
2000: Jan <sup>p</sup> .....	751.8	569.0	338.2	257.2	150.5	80.2	182.8	172	.....	

<sup>1</sup> Includes residential improvements, not shown separately.

<sup>2</sup> Includes hotels and motels.

<sup>3</sup> F.W. Dodge series.

Sources: Department of Commerce (Bureau of the Census) and The McGraw-Hill Companies, Inc., F.W. Dodge Division.

## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or homes, except as noted]

Period	New private housing units					New private homes			Vacancy rate for rental housing units (percent) <sup>2</sup>
	Units started, by type of structure				Units authorized	Units completed	Homes sold	Homes for sale at end of period <sup>1</sup>	
	Total	1 unit	2-4 units	5 or more units					
1990 .....	1,192.7	894.8	37.5	260.4	1,110.8	1,308.0	534	321	7.2
1991 .....	1,013.9	840.4	35.6	137.9	948.8	1,090.8	509	284	7.4
1992 .....	1,199.7	1,029.9	30.7	139.0	1,094.9	1,157.5	610	265	7.4
1993 .....	1,287.6	1,125.7	29.4	132.6	1,199.1	1,192.7	666	293	7.3
1994 .....	1,457.0	1,198.4	35.0	223.5	<sup>3</sup> 1,371.6	1,346.9	670	336	7.4
1995 .....	1,354.1	1,076.2	33.7	244.1	1,332.5	1,312.6	667	370	7.6
1996 .....	1,476.8	1,160.9	45.2	270.8	1,425.6	1,412.9	757	322	7.8
1997 .....	1,474.0	1,133.7	44.5	295.8	1,441.1	1,400.5	804	281	7.7
1998 .....	1,616.9	1,271.4	42.6	302.9	1,612.3	1,474.2	886	294	7.9
1999 <sup>r</sup> .....	1,664.8	1,333.4	31.9	299.5	1,640.2	1,633.7	907	321	8.1
Seasonally adjusted annual rates									
1999: Jan <sup>r</sup> .....	1,804	1,393	53	358	1,778	1,654	918	295	.....
Feb <sup>r</sup> .....	1,738	1,379	25	334	1,738	1,510	893	296	.....
Mar <sup>r</sup> .....	1,737	1,377	33	327	1,654	1,722	881	298	8.2
Apr <sup>r</sup> .....	1,561	1,248	31	282	1,572	1,635	930	301	.....
May <sup>r</sup> .....	1,649	1,368	26	255	1,591	1,680	896	305	.....
June <sup>r</sup> .....	1,562	1,269	29	264	1,641	1,657	948	305	8.1
July <sup>r</sup> .....	1,704	1,348	40	316	1,641	1,619	936	306	.....
Aug <sup>r</sup> .....	1,657	1,285	31	341	1,619	1,581	914	307	.....
Sept <sup>r</sup> .....	1,628	1,290	38	300	1,506	1,642	848	311	8.2
Oct <sup>r</sup> .....	1,636	1,343	26	267	1,594	1,608	906	314	.....
Nov <sup>r</sup> .....	1,663	1,344	25	294	1,612	1,653	886	318	.....
Dec <sup>r</sup> .....	1,748	1,426	30	292	1,622	1,644	921	321	7.9
2000: Jan <sup>p</sup> .....	1,775	1,396	29	350	1,772	1,556	882	326	.....

<sup>1</sup> Seasonally adjusted.

<sup>2</sup> Revised series beginning 1994; not comparable with earlier data, except 1993 data have been revised to be comparable with new series beginning in 1994.

Quarterly data entered in last month of quarter.

<sup>3</sup> The 1994 total based on 17,000 permit-issuing places is 1,333.7 thousand units.

NOTE.—Beginning 1994, units authorized are for 19,000 places. For other data shown, units authorized are for 17,000 places.

Seasonally adjusted housing starts, sales, and completions revised beginning 1997.

Source: Department of Commerce, Bureau of the Census.

## NEW CONSTRUCTION

[Monthly data seasonally adjusted]

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		Total	Residential		Commercial and industrial <sup>2</sup>	Other	Total value index (1992=100)		Commercial and industrial floor space (millions of square feet)	
			Total <sup>1</sup>	New housing units						
Billions of dollars										
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1999: Feb .....	710.7	548.7	318.5	238.1	148.6	81.6	162.0	175	.....	
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July .....	702.0	546.0	320.3	238.9	144.9	80.7	156.0	181	.....	
Aug .....	698.4	541.8	319.7	238.6	143.2	78.9	156.6	<sup>r</sup> 166	.....	
Sept .....	698.2	540.9	320.0	239.1	143.2	77.7	157.2	<sup>r</sup> 172	.....	
Oct <sup>r</sup> .....	703.4	544.5	322.9	240.3	142.9	78.8	158.9	172	.....	
Nov <sup>r</sup> .....	717.6	550.0	326.1	244.6	145.3	78.6	167.6	172	.....	
Dec <sup>r</sup> .....	731.8	557.7	330.1	251.3	146.4	81.1	174.1	171	.....	
2000: Jan <sup>r</sup> .....	747.6	568.3	338.6	257.5	148.7	81.0	179.3	174	.....	
Feb <sup>r</sup> .....	758.7	579.6	340.7	259.6	156.0	83.0	179.2	175	.....	

<sup>1</sup> Includes residential improvements, not shown separately.  
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Oct .....	1,636	1,343	26	267	1,594	1,608	906	314	.....
Nov .....	1,663	1,344	25	294	1,612	1,653	895	<sup>r</sup> 317	.....
Dec <sup>r</sup> .....	1,769	1,441	30	298	1,622	1,675	921	320	7.9
2000: Jan <sup>r</sup> .....	1,758	1,363	34	361	1,772	1,593	924	323	.....
Feb <sup>r</sup> .....	1,781	1,310	36	435	1,653	1,712	919	311	.....

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Feb <sup>r</sup> .....	754.8	581.3	339.4	258.4	156.0	85.9	173.5	177	.....	
Mar <sup>r</sup> .....	765.2	586.8	344.1	261.0	159.2	83.5	178.4	182	.....	

<sup>1</sup> Includes residential improvements, not shown separately.  
<sup>2</sup> Includes hotels and motels.  
<sup>3</sup> F.W. Dodge series.

Sources: Department of Commerce (Bureau of the Census) and The McGraw-Hill Companies, Inc., F.W. Dodge Division.

## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or homes, except as noted]

Period	New private housing units					New private homes			Vacancy rate for rental housing units (percent) <sup>2</sup>
	Units started, by type of structure				Units authorized	Units completed	Homes sold	Homes for sale at end of period <sup>1</sup>	
	Total	1 unit	2-4 units	5 or more units					
1990 .....	1,192.7	894.8	37.5	260.4	1,110.8	1,308.0	534	321	7.2
1991 .....	1,013.9	840.4	35.6	137.9	948.8	1,090.8	509	284	7.4
1992 .....	1,199.7	1,029.9	30.7	139.0	1,094.9	1,157.5	610	265	7.4
1993 .....	1,287.6	1,125.7	29.4	132.6	1,199.1	1,192.7	666	293	7.3
1994 .....	1,457.0	1,198.4	35.0	223.5	<sup>3</sup> 1,371.6	1,346.9	670	336	7.4
1995 .....	1,354.1	1,076.2	33.7	244.1	1,332.5	1,312.6	667	370	7.6
1996 .....	1,476.8	1,160.9	45.2	270.8	1,425.6	1,412.9	757	322	7.8
1997 .....	1,474.0	1,133.7	44.5	295.8	1,441.1	1,400.5	804	281	7.7
1998 .....	1,616.9	1,271.4	42.6	302.9	1,612.3	1,474.2	886	294	7.9
1999 .....	1,666.5	1,334.9	31.9	299.7	1,640.2	1,636.1	907	320	8.1
Seasonally adjusted annual rates									
1999: Mar .....	1,737	1,377	33	327	1,654	1,722	881	298	8.2
Apr .....	1,561	1,248	31	282	1,572	1,635	930	301	.....
May .....	1,649	1,368	26	255	1,591	1,680	896	305	.....
June .....	1,562	1,269	29	264	1,641	1,657	948	305	8.1
July .....	1,704	1,348	40	316	1,641	1,619	936	306	.....
Aug .....	1,657	1,285	31	341	1,619	1,581	914	307	.....
Sept .....	1,628	1,290	38	300	1,506	1,642	848	311	8.2
Oct .....	1,636	1,343	26	267	1,594	1,608	906	314	.....
Nov .....	1,663	1,344	25	294	1,612	1,653	895	317	.....
Dec .....	1,769	1,441	30	298	1,622	1,675	916	320	7.9
2000: Jan <sup>r</sup> .....	1,744	1,361	32	351	1,772	1,599	930	322	.....
Feb <sup>r</sup> .....	1,807	1,307	40	460	1,653	1,739	924	310	.....
Mar <sup>r</sup> .....	1,604	1,309	23	272	1,608	1,738	966	322	7.9

<sup>1</sup> Seasonally adjusted.  
<sup>2</sup> Revised series beginning 1994; not comparable with earlier data, except 1993 data have been revised to be comparable with new series beginning in 1994.  
 Quarterly data entered in last month of quarter.  
<sup>3</sup> The 1994 total based on 17,000 permit-issuing places is 1,333.7 thousand units.

NOTE.—Beginning 1994, units authorized are for 19,000 places. For other data shown, units authorized are for 17,000 places.

Source: Department of Commerce, Bureau of the Census.

## NEW CONSTRUCTION

[Monthly data seasonally adjusted]

Period	Total new construction expenditures	Private						Federal and State and local	Construction contracts <sup>3</sup>	
		Total	Residential		Commercial and industrial <sup>2</sup>	Other	Total value index (1992=100)		Commercial and industrial floor space (millions of square feet)	
			Total <sup>1</sup>	New housing units						
Billions of dollars										
1990 .....	468.5	361.1	182.9	128.0	119.4	58.8	107.5	98	783	
1991 .....	424.2	314.1	157.8	110.6	93.7	62.6	110.1	92	577	
1992 .....	452.1	336.2	187.8	129.6	82.2	66.2	115.8	100	556	
1993 .....	478.6	362.7	210.5	144.1	84.4	67.8	116.0	108	589	
1994 .....	519.5	399.3	238.9	167.9	93.3	67.1	120.2	118	744	
1995 .....	537.4	407.5	230.7	162.9	107.9	68.9	129.9	122	862	
1996 .....	583.4	449.0	256.5	179.4	119.6	72.9	134.5	132	875	
1997 .....	618.2	475.1	265.9	187.3	130.4	78.9	143.1	144	1,027	
1998 .....	665.4	520.1	294.3	213.9	142.5	83.2	145.4	160	1,223	
1999 .....	705.3	547.1	321.7	240.4	145.2	80.2	158.2	176	1,143	
Annual rates										
1999: Apr .....	704.6	547.9	322.2	241.2	144.7	81.0	156.7	178	.....	
May .....	698.5	546.9	321.8	239.9	145.4	79.7	151.6	181	.....	
June .....	698.9	546.9	320.9	238.5	144.4	81.7	151.9	186	.....	
July .....	702.0	546.0	320.3	238.9	144.9	80.7	156.0	182	.....	
Aug .....	698.4	541.8	319.7	238.6	143.2	78.9	156.6	167	.....	
Sept .....	698.2	540.9	320.0	239.1	143.2	77.7	157.2	173	.....	
Oct .....	703.4	544.5	322.9	240.3	142.9	78.8	158.9	173	.....	
Nov .....	717.6	550.0	326.1	244.6	145.3	78.6	167.6	175	.....	
Dec .....	731.8	557.7	330.1	251.3	146.4	81.1	174.1	174	.....	
2000: Jan .....	746.2	565.8	337.2	256.5	145.5	83.0	180.4	173	.....	
Feb <sup>r</sup> .....	756.0	581.8	339.8	258.8	158.6	83.4	174.2	180	.....	
Mar <sup>r</sup> .....	761.7	587.2	343.8	260.7	159.9	83.6	174.5	187	.....	
Apr <sup>p</sup> .....	757.3	583.8	340.1	258.3	161.6	82.1	173.4	177	.....	

<sup>1</sup> Includes residential improvements, not shown separately.  
<sup>2</sup> Includes hotels and motels.  
<sup>3</sup> F.W. Dodge series.

Sources: Department of Commerce (Bureau of the Census) and The McGraw-Hill Companies, Inc., F.W. Dodge Division.

## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or homes, except as noted]

Period	New private housing units						New private homes		Vacancy rate for rental housing units (percent) <sup>2</sup>
	Units started, by type of structure				Units authorized	Units completed	Homes sold	Homes for sale at end of period <sup>1</sup>	
	Total	1 unit	2-4 units	5 or more units					
1990 .....	1,192.7	894.8	37.5	260.4	1,110.8	1,308.0	534	321	7.2
1991 .....	1,013.9	840.4	35.6	137.9	948.8	1,090.8	509	284	7.4
1992 .....	1,199.7	1,029.9	30.7	139.0	1,094.9	1,157.5	610	265	7.4
1993 .....	1,287.6	1,125.7	29.4	132.6	1,199.1	1,192.7	666	293	7.3
1994 .....	1,457.0	1,198.4	35.0	223.5	<sup>3</sup> 1,371.6	1,346.9	670	336	7.4
1995 .....	1,354.1	1,076.2	33.7	244.1	1,332.5	1,312.6	667	370	7.6
1996 .....	1,476.8	1,160.9	45.2	270.8	1,425.6	1,412.9	757	322	7.8
1997 .....	1,474.0	1,133.7	44.5	295.8	1,441.1	1,400.5	804	281	7.7
1998 .....	1,616.9	1,271.4	42.6	302.9	1,612.3	1,474.2	886	294	7.9
1999 .....	1,666.5	1,334.9	31.9	299.7	<sup>r</sup> 1,663.5	1,636.1	907	320	8.1
Seasonally adjusted annual rates									
1999: Apr .....	1,561	1,248	31	282	<sup>r</sup> 1,595	1,635	930	301	.....
May .....	1,649	1,368	26	255	<sup>r</sup> 1,639	1,680	896	305	.....
June .....	1,562	1,269	29	264	<sup>r</sup> 1,696	1,657	948	305	8.1
July .....	1,704	1,348	40	316	<sup>r</sup> 1,673	1,619	936	306	.....
Aug .....	1,657	1,285	31	341	<sup>r</sup> 1,658	1,581	914	307	.....
Sept .....	1,628	1,290	38	300	<sup>r</sup> 1,553	1,642	848	311	8.2
Oct .....	1,636	1,343	26	267	<sup>r</sup> 1,636	1,608	906	314	.....
Nov .....	1,663	1,344	25	294	<sup>r</sup> 1,678	1,653	895	317	.....
Dec .....	1,769	1,441	30	298	<sup>r</sup> 1,683	1,675	916	320	7.9
2000: Jan .....	1,744	1,361	32	351	<sup>r</sup> 1,762	1,599	<sup>r</sup> 927	<sup>r</sup> 321	.....
Feb <sup>r</sup> .....	1,822	1,324	40	458	1,661	1,732	912	308	.....
Mar <sup>r</sup> .....	1,618	1,325	17	276	1,597	1,734	965	320	7.9
Apr <sup>p</sup> .....	1,663	1,329	27	307	1,559	1,668	909	319	.....

<sup>1</sup> Seasonally adjusted.  
<sup>2</sup> Revised series beginning 1994; not comparable with earlier data, except 1993 data have been revised to be comparable with new series beginning in 1994.  
 Quarterly data entered in last month of quarter.  
<sup>3</sup> The 1994 total based on 17,000 permit-issuing places is 1,333.7 thousand units.

NOTE.—Beginning 1994, units authorized are for 19,000 places. For other data shown, units authorized are for 17,000 places.  
 Seasonally adjusted housing permits revised beginning 1998; unadjusted data revised for 1999.  
 Source: Department of Commerce, Bureau of the Census.

## NEW CONSTRUCTION

[Monthly data seasonally adjusted]

Period	Total new construction expenditures	Private						Federal and State and local	Construction contracts <sup>3</sup>	
		Total	Residential		Commercial and industrial <sup>2</sup>	Other	Total value index (1992=100)		Commercial and industrial floor space (millions of square feet)	
			Total <sup>1</sup>	New housing units						
Billions of dollars										
1990 <sup>r</sup> .....	476.8	369.3	191.1	132.1	119.4	58.8	107.5	98	783	
1991 <sup>r</sup> .....	432.6	322.5	166.3	114.6	93.7	62.6	110.1	92	577	
1992 <sup>r</sup> .....	463.7	347.8	199.4	135.1	82.2	66.2	115.8	100	556	
1993 <sup>r</sup> .....	493.3	377.3	225.1	150.9	84.4	67.8	116.0	108	589	
1994 <sup>r</sup> .....	539.2	419.0	258.6	176.4	93.3	67.1	120.2	118	744	
1995 <sup>r</sup> .....	555.6	425.7	247.4	171.4	109.4	68.9	129.9	122	862	
1996 <sup>r</sup> .....	613.5	474.3	281.1	191.1	123.2	70.0	139.3	132	875	
1997 <sup>r</sup> .....	656.6	501.7	289.0	198.1	133.8	77.0	154.9	144	1,027	
1998 <sup>r</sup> .....	711.8	552.2	314.6	224.0	151.1	86.5	159.5	160	1,223	
1999 <sup>r</sup> .....	764.2	591.6	348.8	249.5	154.5	88.2	172.7	176	1,143	
Annual rates										
1999: May <sup>r</sup> .....	758.9	590.0	349.6	249.5	154.9	85.5	168.9	184	.....	
June <sup>r</sup> .....	755.6	587.5	350.5	249.5	152.8	84.2	168.1	186	.....	
July <sup>r</sup> .....	759.8	590.4	348.7	248.7	154.6	87.1	169.4	182	.....	
Aug <sup>r</sup> .....	755.3	584.0	348.1	248.4	151.1	84.8	171.2	167	.....	
Sept <sup>r</sup> .....	753.1	582.5	347.6	248.8	151.0	83.9	170.6	173	.....	
Oct <sup>r</sup> .....	756.9	584.9	350.0	249.6	150.0	84.9	172.0	173	.....	
Nov <sup>r</sup> .....	776.5	596.9	353.9	253.8	153.3	87.8	179.5	175	.....	
Dec <sup>r</sup> .....	791.7	605.8	358.2	259.8	156.3	91.3	185.9	173	.....	
2000: Jan <sup>r</sup> .....	794.4	614.6	365.1	265.4	159.1	90.3	179.8	173	.....	
Feb <sup>r</sup> .....	804.0	629.6	368.7	268.7	169.9	90.9	174.4	177	.....	
Mar <sup>r</sup> .....	817.6	637.7	372.1	270.7	172.2	93.4	179.8	188	.....	
Apr <sup>r</sup> .....	808.2	634.0	369.5	268.6	173.0	91.6	174.2	177	.....	
May <sup>r</sup> .....	809.3	639.9	368.0	266.7	177.9	94.0	169.3	169	.....	

<sup>1</sup> Includes residential improvements, not shown separately.  
<sup>2</sup> Includes hotels and motels.  
<sup>3</sup> F.W. Dodge series.

NOTE.—New construction expenditures series revised beginning 1983 to reflect annual revisions, as well as a change in estimating methodology for new one-unit housing (not shown separately here).

Sources: Department of Commerce (Bureau of the Census) and The McGraw-Hill Companies, Inc., F.W. Dodge Division.

## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or homes, except as noted]

Period	New private housing units					New private homes		Vacancy rate for rental housing units (percent) <sup>2</sup>	
	Units started, by type of structure				Units authorized	Units completed	Homes sold		Homes for sale at end of period <sup>1</sup>
	Total	1 unit	2-4 units	5 or more units					
1990 .....	1,192.7	894.8	37.5	260.4	1,110.8	1,308.0	534	321	7.2
1991 .....	1,013.9	840.4	35.6	137.9	948.8	1,090.8	509	284	7.4
1992 .....	1,199.7	1,029.9	30.7	139.0	1,094.9	1,157.5	610	265	7.4
1993 .....	1,287.6	1,125.7	29.4	132.6	1,199.1	1,192.7	666	293	7.3
1994 .....	1,457.0	1,198.4	35.0	223.5	<sup>3</sup> 1,371.6	1,346.9	670	336	7.4
1995 .....	1,354.1	1,076.2	33.7	244.1	1,332.5	1,312.6	667	370	7.6
1996 .....	1,476.8	1,160.9	45.2	270.8	1,425.6	1,412.9	757	322	7.8
1997 .....	1,474.0	1,133.7	44.5	295.8	1,441.1	1,400.5	804	281	7.7
1998 .....	1,616.9	1,271.4	42.6	302.9	1,612.3	1,474.2	886	294	7.9
1999 .....	1,666.5	1,334.9	31.9	299.7	1,663.5	1,636.1	907	320	8.1
Seasonally adjusted annual rates									
1999: May .....	1,649	1,368	26	255	1,639	1,680	896	305	.....
June .....	1,562	1,269	29	264	1,696	1,657	948	305	8.1
July .....	1,704	1,348	40	316	1,673	1,619	936	306	.....
Aug .....	1,657	1,285	31	341	1,658	1,581	914	307	.....
Sept .....	1,628	1,290	38	300	1,553	1,642	848	311	8.2
Oct .....	1,636	1,343	26	267	1,636	1,608	906	314	.....
Nov .....	1,663	1,344	25	294	1,678	1,653	895	317	.....
Dec .....	1,769	1,441	30	298	1,683	1,675	916	320	7.9
2000: Jan .....	1,744	1,361	32	351	1,762	1,599	927	321	.....
Feb .....	1,822	1,324	40	458	1,661	1,732	905	309	.....
Mar <sup>r</sup> .....	1,630	1,327	16	287	1,597	1,728	959	321	7.9
Apr <sup>r</sup> .....	1,656	1,321	30	305	1,559	1,675	877	319	.....
May <sup>r</sup> .....	1,592	1,250	25	317	1,511	1,680	875	322	.....

<sup>1</sup> Seasonally adjusted.  
<sup>2</sup> Revised series beginning 1994; not comparable with earlier data, except 1993 data have been revised to be comparable with new series beginning in 1994.  
 Quarterly data entered in last month of quarter.  
<sup>3</sup> The 1994 total based on 17,000 permit-issuing places is 1,333.7 thousand units.

NOTE.—Beginning 1994, units authorized are for 19,000 places. For other data shown, units authorized are for 17,000 places.

Source: Department of Commerce, Bureau of the Census.

## NEW CONSTRUCTION

[Monthly data seasonally adjusted]

Period	Total new construction expenditures	Private						Federal and State and local	Construction contracts <sup>3</sup>	
		Total	Residential		Commercial and industrial <sup>2</sup>	Other	Total value index (1992=100)		Commercial and industrial floor space (millions of square feet)	
			Total <sup>1</sup>	New housing units						
<b>Billions of dollars</b>										
1990 .....	476.8	369.3	191.1	132.1	119.4	58.8	107.5	98	783	
1991 .....	432.6	322.5	166.3	114.6	93.7	62.6	110.1	92	577	
1992 .....	463.7	347.8	199.4	135.1	82.2	66.2	115.8	100	556	
1993 .....	493.3	377.3	225.1	150.9	84.4	67.8	116.0	108	589	
1994 .....	539.2	419.0	258.6	176.4	93.3	67.1	120.2	118	744	
1995 .....	555.6	425.7	247.4	171.4	109.4	68.9	129.9	122	862	
1996 .....	613.5	474.3	281.1	191.1	123.2	70.0	139.3	132	875	
1997 .....	656.6	501.7	289.0	198.1	135.8	77.0	154.9	144	1,027	
1998 .....	711.8	552.2	314.6	224.0	151.1	86.5	159.5	161	1,223	
1999 .....	764.2	591.6	348.8	249.5	154.5	88.2	172.7	176	1,143	
<b>Annual rates</b>										
1999: June .....	755.6	587.5	350.5	249.5	152.8	84.2	168.1	189	.....	
July .....	759.8	590.4	348.7	248.7	154.6	87.1	169.4	182	.....	
Aug .....	755.3	584.0	348.1	248.4	151.1	84.8	171.2	168	.....	
Sept .....	753.1	582.5	347.6	248.8	151.0	83.9	170.6	173	.....	
Oct .....	756.9	584.9	350.0	249.6	150.0	84.9	172.0	174	.....	
Nov .....	776.5	596.9	353.9	253.8	155.3	87.8	179.5	175	.....	
Dec .....	605.8	458.2	358.2	259.8	156.3	91.3	185.9	174	.....	
2000: Jan <sup>r</sup> .....	806.1	614.6	365.1	265.4	159.1	90.3	191.5	173	.....	
Feb <sup>r</sup> .....	816.0	629.6	368.7	268.7	169.9	90.9	186.4	179	.....	
Mar <sup>r</sup> .....	829.5	637.7	372.1	270.7	172.2	93.4	191.8	191	.....	
Apr <sup>r</sup> .....	815.8	629.1	368.7	267.9	170.4	90.0	186.8	181	.....	
May <sup>r</sup> .....	813.8	631.5	367.8	266.2	170.8	92.9	182.4	172	.....	
June <sup>p</sup> .....	800.0	625.7	362.7	260.9	169.5	93.6	174.3	177	.....	

<sup>1</sup> Includes residential improvements, not shown separately.  
<sup>2</sup> Includes hotels and motels.  
<sup>3</sup> F.W. Dodge series.

Sources: Department of Commerce (Bureau of the Census) and The McGraw-Hill Companies, Inc., F.W. Dodge Division.

## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or homes, except as noted]

Period	New private housing units						New private homes		Vacancy rate for rental housing units (percent) <sup>2</sup>
	Units started, by type of structure				Units authorized	Units completed	Homes sold	Homes for sale at end of period <sup>1</sup>	
	Total	1 unit	2-4 units	5 or more units					
1990 .....	1,192.7	894.8	37.5	260.4	1,110.8	1,308.0	534	321	7.2
1991 .....	1,013.9	840.4	35.6	137.9	948.8	1,090.8	509	284	7.4
1992 .....	1,199.7	1,029.9	30.7	139.0	1,094.9	1,157.5	610	265	7.4
1993 .....	1,287.6	1,125.7	29.4	132.6	1,199.1	1,192.7	666	293	7.3
1994 .....	1,457.0	1,198.4	35.0	223.5	<sup>3</sup> 1,371.6	1,346.9	670	336	7.4
1995 .....	1,354.1	1,076.2	33.7	244.1	1,332.5	1,312.6	667	370	7.6
1996 .....	1,476.8	1,160.9	45.2	270.8	1,425.6	1,412.9	757	322	7.8
1997 .....	1,474.0	1,133.7	44.5	295.8	1,441.1	1,400.5	804	281	7.7
1998 .....	1,616.9	1,271.4	42.6	302.9	1,612.3	1,474.2	886	294	7.9
1999 .....	1,666.5	1,334.9	31.9	299.7	1,663.5	1,636.1	907	320	8.1
<b>Seasonally adjusted annual rates</b>									
1999: June .....	1,562	1,269	29	264	1,696	1,657	948	305	8.1
July .....	1,704	1,348	40	316	1,673	1,619	936	306	.....
Aug .....	1,657	1,285	31	341	1,658	1,581	914	307	.....
Sept .....	1,628	1,290	38	300	1,553	1,642	848	311	8.2
Oct .....	1,636	1,343	26	267	1,636	1,608	906	314	.....
Nov .....	1,663	1,344	25	294	1,678	1,653	895	317	.....
Dec .....	1,769	1,441	30	298	1,683	1,675	916	320	7.9
2000: Jan .....	1,744	1,361	32	351	1,762	1,599	927	321	.....
Feb .....	1,822	1,324	40	458	1,661	1,732	905	309	.....
Mar .....	1,630	1,327	16	287	1,597	1,728	947	321	7.9
Apr <sup>r</sup> .....	1,652	1,310	30	312	1,559	1,660	869	318	.....
May <sup>r</sup> .....	1,596	1,254	26	316	1,511	1,705	861	320	.....
June <sup>p</sup> .....	1,554	1,214	35	305	1,528	1,539	829	327	8.0

<sup>1</sup> Seasonally adjusted.  
<sup>2</sup> Revised series beginning 1994; not comparable with earlier data, except 1993 data have been revised to be comparable with new series beginning in 1994.  
 Quarterly data entered in last month of quarter.  
<sup>3</sup> The 1994 total based on 17,000 permit-issuing places is 1,333.7 thousand units.

NOTE.—Beginning 1994, units authorized are for 19,000 places. For other data shown, units authorized are for 17,000 places.

Source: Department of Commerce, Bureau of the Census.

## NEW CONSTRUCTION

[Monthly data seasonally adjusted]

Period	Total new construction expenditures	Private						Federal and State and local	Construction contracts <sup>3</sup>	
		Total	Residential		Commercial and industrial <sup>2</sup>	Other	Total value index (1992=100)		Commercial and industrial floor space (millions of square feet)	
			Total <sup>1</sup>	New housing units						
Billions of dollars										
1990 .....	476.8	369.3	191.1	132.1	119.4	58.8	107.5	98	783	
1991 .....	432.6	322.5	166.3	114.6	93.7	62.6	110.1	92	577	
1992 .....	463.7	347.8	199.4	135.1	82.2	66.2	115.8	100	556	
1993 .....	493.3	377.3	225.1	150.9	84.4	67.8	116.0	108	589	
1994 .....	539.2	419.0	258.6	176.4	93.3	67.1	120.2	118	744	
1995 .....	555.6	425.7	247.4	171.4	109.4	68.9	129.9	122	862	
1996 .....	613.5	474.3	281.1	191.1	123.2	70.0	139.3	132	875	
1997 .....	656.6	501.7	289.0	198.1	133.8	77.0	154.9	144	1,027	
1998 .....	711.8	552.2	314.6	224.0	151.1	86.5	159.5	161	1,223	
1999 .....	764.2	591.6	348.8	249.5	154.5	88.2	172.7	176	1,143	
Annual rates										
1999: July .....	759.8	590.4	348.7	248.7	154.6	87.1	169.4	182	.....	
Aug .....	755.3	584.0	348.1	248.4	151.1	84.8	171.2	168	.....	
Sept .....	753.1	582.5	347.6	248.8	151.0	83.9	170.6	173	.....	
Oct .....	756.9	584.9	350.0	249.6	150.0	84.9	172.0	174	.....	
Nov .....	776.5	596.9	353.9	253.8	155.3	87.8	179.5	175	.....	
Dec .....	791.7	605.8	358.2	259.8	156.3	91.3	185.9	174	.....	
2000: Jan .....	806.1	614.6	365.1	265.4	159.1	90.3	191.5	173	.....	
Feb .....	816.0	629.6	368.7	268.7	169.9	90.9	186.4	179	.....	
Mar .....	829.5	637.7	372.1	270.7	172.2	93.4	191.8	191	.....	
Apr .....	815.8	629.1	368.7	267.9	170.4	90.0	186.8	181	.....	
May <sup>r</sup> .....	811.9	630.8	368.8	267.1	170.1	91.9	181.1	172	.....	
June <sup>r</sup> .....	801.7	628.2	364.3	262.1	171.9	92.0	173.4	177	.....	
July <sup>p</sup> .....	789.0	621.7	355.4	255.0	170.8	95.5	167.3	.....	.....	

<sup>1</sup> Includes residential improvements, not shown separately.

<sup>2</sup> Includes hotels and motels.

<sup>3</sup> F.W. Dodge series.

Sources: Department of Commerce (Bureau of the Census) and The McGraw-Hill Companies, Inc., F.W. Dodge Division.

## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or homes, except as noted]

Period	New private housing units						New private homes		Vacancy rate for rental housing units (percent) <sup>2</sup>
	Units started, by type of structure				Units authorized	Units completed	Homes sold	Homes for sale at end of period <sup>1</sup>	
	Total	1 unit	2-4 units	5 or more units					
1990 .....	1,192.7	894.8	37.5	260.4	1,110.8	1,308.0	534	321	7.2
1991 .....	1,013.9	840.4	35.6	137.9	948.8	1,090.8	509	284	7.4
1992 .....	1,199.7	1,029.9	30.7	139.0	1,094.9	1,157.5	610	265	7.4
1993 .....	1,287.6	1,125.7	29.4	132.6	1,199.1	1,192.7	666	293	7.3
1994 .....	1,457.0	1,198.4	35.0	223.5	<sup>3</sup> 1,371.6	1,346.9	670	336	7.4
1995 .....	1,354.1	1,076.2	33.7	244.1	1,332.5	1,312.6	667	370	7.6
1996 .....	1,476.8	1,160.9	45.2	270.8	1,425.6	1,412.9	757	322	7.8
1997 .....	1,474.0	1,133.7	44.5	295.8	1,441.1	1,400.5	804	281	7.7
1998 .....	1,616.9	1,271.4	42.6	302.9	1,612.3	1,474.2	886	294	7.9
1999 .....	1,666.5	1,334.9	31.9	299.7	1,663.5	1,636.1	907	320	8.1
Seasonally adjusted annual rates									
1999: July .....	1,704	1,348	40	316	1,673	1,619	936	306	.....
Aug .....	1,657	1,285	31	341	1,658	1,581	914	307	.....
Sept .....	1,628	1,290	38	300	1,553	1,642	848	311	8.2
Oct .....	1,636	1,343	26	267	1,636	1,608	906	314	.....
Nov .....	1,663	1,344	25	294	1,678	1,653	895	317	.....
Dec .....	1,769	1,441	30	298	1,683	1,675	916	320	7.9
2000: Jan .....	1,744	1,361	32	351	1,762	1,599	927	321	.....
Feb .....	1,822	1,324	40	458	1,661	1,732	905	309	.....
Mar .....	1,630	1,327	16	287	1,597	1,728	947	321	7.9
Apr .....	1,652	1,310	30	312	1,559	1,660	865	305	.....
May <sup>r</sup> .....	1,591	1,258	26	307	1,511	1,705	886	303	.....
June <sup>r</sup> .....	1,563	1,222	38	303	1,528	1,555	823	304	8.0
July <sup>p</sup> .....	1,512	1,197	36	279	1,511	1,538	944	299	.....

<sup>1</sup> Seasonally adjusted.

<sup>2</sup> Revised series beginning 1994; not comparable with earlier data, except 1993 data have been revised to be comparable with new series beginning in 1994.

Quarterly data entered in last month of quarter.

<sup>3</sup> The 1994 total based on 17,000 permit-issuing places is 1,333.7 thousand units.

NOTE.—Beginning 1994, units authorized are for 19,000 places. For other data shown, units authorized are for 17,000 places.

Source: Department of Commerce, Bureau of the Census.

## NEW CONSTRUCTION

[Monthly data seasonally adjusted]

Period	Total new construction expenditures	Private						Federal and State and local	Construction contracts <sup>3</sup>	
		Total	Residential		Commercial and industrial <sup>2</sup>	Other	Total value index (1992=100)		Commercial and industrial floor space (millions of square feet)	
			Total <sup>1</sup>	New housing units						
Billions of dollars										
1990 .....	476.8	369.3	191.1	132.1	119.4	58.8	107.5	98	783	
1991 .....	432.6	322.5	166.3	114.6	93.7	62.6	110.1	92	577	
1992 .....	463.7	347.8	199.4	135.1	82.2	66.2	115.8	100	556	
1993 .....	493.3	377.3	225.1	150.9	84.4	67.8	116.0	108	589	
1994 .....	539.2	419.0	258.6	176.4	93.3	67.1	120.2	118	744	
1995 .....	555.6	425.7	247.4	171.4	109.4	68.9	129.9	122	862	
1996 .....	613.5	474.3	281.1	191.1	123.2	70.0	139.3	132	875	
1997 .....	656.6	501.7	289.0	198.1	135.8	77.0	154.9	144	1,027	
1998 .....	711.8	552.2	314.6	224.0	151.1	86.5	159.5	161	1,223	
1999 .....	764.2	591.6	348.8	249.5	154.5	88.2	172.7	177	1,143	
Annual rates										
1999: Aug .....	755.3	584.0	348.1	248.4	151.1	84.8	171.2	171	.....	
Sept .....	753.1	582.5	347.6	248.8	151.0	83.9	170.6	174	.....	
Oct .....	756.9	584.9	350.0	249.6	150.0	84.9	172.0	175	.....	
Nov .....	776.5	596.9	353.9	253.8	155.3	87.8	179.5	177	.....	
Dec .....	791.7	605.8	358.2	259.8	156.3	91.3	185.9	175	.....	
2000: Jan .....	806.1	614.6	365.1	265.4	159.1	90.3	191.5	176	.....	
Feb .....	816.0	629.6	368.7	268.7	169.9	90.9	186.4	179	.....	
Mar .....	829.5	637.7	372.1	270.7	172.2	93.4	191.8	192	.....	
Apr <sup>r</sup> .....	816.2	629.5	368.9	268.1	170.5	90.0	186.7	186	.....	
May <sup>r</sup> .....	811.8	629.8	367.7	266.0	170.1	92.1	182.0	175	.....	
June <sup>r</sup> .....	798.9	624.4	363.8	261.5	169.1	91.6	174.5	184	.....	
July <sup>r</sup> .....	783.5	613.8	355.0	254.6	171.0	87.9	169.6	175	.....	
Aug <sup>p</sup> .....	794.5	619.3	355.7	254.4	171.6	92.0	175.2	173	.....	

<sup>1</sup> Includes residential improvements, not shown separately.

<sup>2</sup> Includes hotels and motels.

<sup>3</sup> F.W. Dodge series.

Sources: Department of Commerce (Bureau of the Census) and The McGraw-Hill Companies, Inc., F.W. Dodge Division.

## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or homes, except as noted]

Period	New private housing units					New private homes			Vacancy rate for rental housing units (percent) <sup>2</sup>
	Units started, by type of structure				Units authorized	Units completed	Homes sold	Homes for sale at end of period <sup>1</sup>	
	Total	1 unit	2-4 units	5 or more units					
1990 .....	1,192.7	894.8	37.5	260.4	1,110.8	1,308.0	534	321	7.2
1991 .....	1,013.9	840.4	35.6	137.9	948.8	1,090.8	509	284	7.4
1992 .....	1,199.7	1,029.9	30.7	139.0	1,094.9	1,157.5	610	265	7.4
1993 .....	1,287.6	1,125.7	29.4	132.6	1,199.1	1,192.7	666	293	7.3
1994 .....	1,457.0	1,198.4	35.0	223.5	<sup>3</sup> 1,371.6	1,346.9	670	336	7.4
1995 .....	1,354.1	1,076.2	33.7	244.1	1,332.5	1,312.6	667	370	7.6
1996 .....	1,476.8	1,160.9	45.2	270.8	1,425.6	1,412.9	757	322	7.8
1997 .....	1,474.0	1,133.7	44.5	295.8	1,441.1	1,400.5	804	281	7.7
1998 .....	1,616.9	1,271.4	42.6	302.9	1,612.3	1,474.2	886	294	7.9
1999 .....	1,666.5	1,334.9	31.9	299.7	1,663.5	1,636.1	907	320	8.1
Seasonally adjusted annual rates									
1999: Aug .....	1,657	1,285	31	341	1,658	1,581	914	307	.....
Sept .....	1,628	1,290	38	300	1,553	1,642	848	311	8.2
Oct .....	1,636	1,343	26	267	1,636	1,608	906	314	.....
Nov .....	1,663	1,344	25	294	1,678	1,653	895	317	.....
Dec .....	1,769	1,441	30	298	1,683	1,675	916	320	7.9
2000: Jan .....	1,744	1,361	32	351	1,762	1,599	927	321	.....
Feb .....	1,822	1,324	40	458	1,661	1,732	905	309	.....
Mar .....	1,630	1,327	16	287	1,597	1,728	947	321	7.9
Apr .....	1,652	1,310	30	312	1,559	1,660	865	305	.....
May .....	1,591	1,258	26	307	1,511	1,705	875	308	.....
June <sup>r</sup> .....	1,571	1,227	39	305	1,528	1,545	824	309	8.0
July <sup>r</sup> .....	1,526	1,205	43	278	1,511	1,539	921	303	.....
Aug <sup>p</sup> .....	1,531	1,261	40	230	1,486	1,619	893	303	.....

<sup>1</sup> Seasonally adjusted.

<sup>2</sup> Revised series beginning 1994; not comparable with earlier data, except 1993 data have been revised to be comparable with new series beginning in 1994.

Quarterly data entered in last month of quarter.

<sup>3</sup> The 1994 total based on 17,000 permit-issuing places is 1,333.7 thousand units.

NOTE.—Beginning 1994, units authorized are for 19,000 places. For other data shown, units authorized are for 17,000 places.

Source: Department of Commerce, Bureau of the Census.

## NEW CONSTRUCTION

[Monthly data seasonally adjusted]

Period	Total new construction expenditures	Private						Federal and State and local	Construction contracts <sup>3</sup>	
		Total	Residential		Commercial and industrial <sup>2</sup>	Other	Total value index (1992=100)		Commercial and industrial floor space (millions of square feet)	
			Total <sup>1</sup>	New housing units						
Billions of dollars										
1990 .....	476.8	369.3	191.1	132.1	119.4	58.8	107.5	98	783	
1991 .....	432.6	322.5	166.3	114.6	93.7	62.6	110.1	92	577	
1992 .....	463.7	347.8	199.4	135.1	82.2	66.2	115.8	100	556	
1993 .....	493.3	377.3	225.1	150.9	84.4	67.8	116.0	108	589	
1994 .....	539.2	419.0	258.6	176.4	93.3	67.1	120.2	118	744	
1995 .....	555.6	425.7	247.4	171.4	109.4	68.9	129.9	122	862	
1996 .....	613.5	474.3	281.1	191.1	123.2	70.0	139.3	132	875	
1997 .....	656.6	501.7	289.0	198.1	135.8	77.0	154.9	144	1,027	
1998 .....	711.8	552.2	314.6	224.0	151.1	86.5	159.5	161	1,223	
1999 .....	764.2	591.6	348.8	249.5	154.5	88.2	172.7	177	1,143	
Annual rates										
1999: Sept .....	753.1	582.5	347.6	248.8	151.0	83.9	170.6	r 177	.....	
Oct .....	756.9	584.9	350.0	249.6	150.0	84.9	172.0	175	.....	
Nov .....	776.5	596.9	353.9	253.8	155.3	87.8	179.5	177	.....	
Dec .....	791.7	605.8	358.2	259.8	156.3	91.3	185.9	175	.....	
2000: Jan .....	806.1	614.6	365.1	265.4	159.1	90.3	191.5	176	.....	
Feb .....	816.0	629.6	368.7	268.7	169.9	90.9	186.4	r 180	.....	
Mar .....	829.5	637.7	372.1	270.7	172.2	93.4	191.8	r 194	.....	
Apr .....	816.2	629.5	368.9	268.1	170.5	90.0	186.7	186	.....	
May .....	811.8	629.8	367.7	266.0	170.1	92.1	182.0	r 178	.....	
June .....	798.9	624.4	363.8	261.5	169.1	91.6	174.5	r 186	.....	
July <sup>r</sup> .....	786.4	612.0	347.5	255.1	170.5	94.0	174.4	184	.....	
Aug <sup>r</sup> .....	800.3	618.0	349.0	253.9	174.8	94.3	182.2	181	.....	
Sept <sup>p</sup> .....	819.3	630.8	352.8	251.7	181.3	96.7	188.5	181	.....	

<sup>1</sup> Includes residential improvements, not shown separately.  
<sup>2</sup> Includes hotels and motels.  
<sup>3</sup> F.W. Dodge series.

Sources: Department of Commerce (Bureau of the Census) and The McGraw-Hill Companies, Inc., F.W. Dodge Division.

## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or homes, except as noted]

Period	New private housing units					New private homes			Vacancy rate for rental housing units (percent) <sup>2</sup>
	Units started, by type of structure				Units authorized	Units completed	Homes sold	Homes for sale at end of period <sup>1</sup>	
	Total	1 unit	2-4 units	5 or more units					
1990 .....	1,192.7	894.8	37.5	260.4	1,110.8	1,308.0	534	321	7.2
1991 .....	1,013.9	840.4	35.6	137.9	948.8	1,090.8	509	284	7.4
1992 .....	1,199.7	1,029.9	30.7	139.0	1,094.9	1,157.5	610	265	7.4
1993 .....	1,287.6	1,125.7	29.4	132.6	1,199.1	1,192.7	666	293	7.3
1994 .....	1,457.0	1,198.4	35.0	223.5	<sup>3</sup> 1,371.6	1,346.9	670	336	7.4
1995 .....	1,354.1	1,076.2	33.7	244.1	1,332.5	1,312.6	667	370	7.6
1996 .....	1,476.8	1,160.9	45.2	270.8	1,425.6	1,412.9	757	322	7.8
1997 .....	1,474.0	1,133.7	44.5	295.8	1,441.1	1,400.5	804	281	7.7
1998 .....	1,616.9	1,271.4	42.6	302.9	1,612.3	1,474.2	886	294	7.9
1999 .....	1,666.5	1,334.9	31.9	299.7	1,663.5	1,636.1	907	320	8.1
Seasonally adjusted annual rates									
1999: Sept .....	1,628	1,290	38	300	1,553	1,642	848	311	8.2
Oct .....	1,636	1,343	26	267	1,636	1,608	906	314	.....
Nov .....	1,663	1,344	25	294	1,678	1,653	895	317	.....
Dec .....	1,769	1,441	30	298	1,683	1,675	916	320	7.9
2000: Jan .....	1,744	1,361	32	351	1,762	1,599	927	321	.....
Feb .....	1,822	1,324	40	458	1,661	1,732	905	309	.....
Mar .....	1,630	1,327	16	287	1,597	1,728	947	321	7.9
Apr .....	1,652	1,310	30	312	1,559	1,660	865	305	.....
May .....	1,591	1,258	26	307	1,511	1,705	875	308	.....
June .....	1,571	1,227	39	305	1,528	1,545	r 827	r 312	8.0
July <sup>r</sup> .....	1,527	1,201	43	283	1,511	1,531	919	306	.....
Aug <sup>r</sup> .....	1,525	1,249	42	234	1,486	1,611	866	306	.....
Sept <sup>p</sup> .....	1,530	1,233	35	262	1,518	1,553	946	302	8.2

<sup>1</sup> Seasonally adjusted.  
<sup>2</sup> Revised series beginning 1994; not comparable with earlier data, except 1993 data have been revised to be comparable with new series beginning in 1994.  
 Quarterly data entered in last month of quarter.  
<sup>3</sup> The 1994 total based on 17,000 permit-issuing places is 1,333.7 thousand units.

NOTE.—Beginning 1994, units authorized are for 19,000 places. For other data shown, units authorized are for 17,000 places.  
 Source: Department of Commerce, Bureau of the Census.

## NEW CONSTRUCTION

[Monthly data seasonally adjusted]

Period	Total new construction expenditures	Private						Federal and State and local	Construction contracts <sup>3</sup>	
		Total	Residential		Commercial and industrial <sup>2</sup>	Other	Total value index (1992=100)		Commercial and industrial floor space (millions of square feet)	
			Total <sup>1</sup>	New housing units						
Billions of dollars										
1990 .....	476.8	369.3	191.1	132.1	119.4	58.8	107.5	98	783	
1991 .....	432.6	322.5	166.3	114.6	93.7	62.6	110.1	92	577	
1992 .....	463.7	347.8	199.4	135.1	82.2	66.2	115.8	100	556	
1993 .....	493.3	377.3	225.1	150.9	84.4	67.8	116.0	108	589	
1994 .....	539.2	419.0	258.6	176.4	93.3	67.1	120.2	118	744	
1995 .....	555.6	425.7	247.4	171.4	109.4	68.9	129.9	122	862	
1996 .....	613.5	474.3	281.1	191.1	123.2	70.0	139.3	132	875	
1997 .....	656.6	501.7	289.0	198.1	133.8	77.0	154.9	144	1,027	
1998 .....	711.8	552.2	314.6	224.0	151.1	86.5	159.5	161	1,223	
1999 .....	764.2	591.6	348.8	249.5	154.5	88.2	172.7	177	1,143	
Annual rates										
1999: Oct .....	756.9	584.9	350.0	249.6	150.0	84.9	172.0	175	.....	
Nov .....	776.5	596.9	353.9	253.8	155.3	87.8	179.5	177	.....	
Dec .....	791.7	605.8	358.2	259.8	156.3	91.3	185.9	175	.....	
2000: Jan .....	806.1	614.6	365.1	265.4	159.1	90.3	191.5	177	.....	
Feb .....	816.0	629.6	368.7	268.7	169.9	90.9	186.4	180	.....	
Mar .....	829.5	637.7	372.1	270.7	172.2	93.4	191.8	195	.....	
Apr .....	816.2	629.5	368.9	268.1	170.5	90.0	186.7	186	.....	
May .....	811.8	629.8	367.7	266.0	170.1	92.1	182.0	179	.....	
June .....	798.9	624.4	363.8	261.5	169.1	91.6	174.5	188	.....	
July .....	786.4	612.0	347.5	255.1	170.5	94.0	174.4	178	.....	
Aug <sup>r</sup> .....	802.7	618.0	350.5	253.5	172.9	94.6	184.7	175	.....	
Sept <sup>r</sup> .....	818.0	630.5	353.0	252.0	178.1	99.4	187.5	182	.....	
Oct <sup>r</sup> .....	825.0	639.2	360.5	252.5	181.5	97.1	185.8	187	.....	

<sup>1</sup> Includes residential improvements, not shown separately.

<sup>2</sup> Includes hotels and motels.

<sup>3</sup> F.W. Dodge series.

Sources: Department of Commerce (Bureau of the Census) and The McGraw-Hill Companies, Inc., F.W. Dodge Division.

## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or homes, except as noted]

Period	New private housing units						New private homes		Vacancy rate for rental housing units (percent) <sup>2</sup>
	Units started, by type of structure				Units authorized	Units completed	Homes sold	Homes for sale at end of period <sup>1</sup>	
	Total	1 unit	2-4 units	5 or more units					
1990 .....	1,192.7	894.8	37.5	260.4	1,110.8	1,308.0	534	321	7.2
1991 .....	1,013.9	840.4	35.6	137.9	948.8	1,090.8	509	284	7.4
1992 .....	1,199.7	1,029.9	30.7	139.0	1,094.9	1,157.5	610	265	7.4
1993 .....	1,287.6	1,125.7	29.4	132.6	1,199.1	1,192.7	666	293	7.3
1994 .....	1,457.0	1,198.4	35.0	223.5	<sup>3</sup> 1,371.6	1,346.9	670	336	7.4
1995 .....	1,354.1	1,076.2	33.7	244.1	1,332.5	1,312.6	667	370	7.6
1996 .....	1,476.8	1,160.9	45.2	270.8	1,425.6	1,412.9	757	322	7.8
1997 .....	1,474.0	1,133.7	44.5	295.8	1,441.1	1,400.5	804	281	7.7
1998 .....	1,616.9	1,271.4	42.6	302.9	1,612.3	1,474.2	886	294	7.9
1999 .....	1,666.5	1,334.9	31.9	299.7	1,663.5	1,636.1	907	320	8.1
Seasonally adjusted annual rates									
1999: Sept .....	1,628	1,290	38	300	1,553	1,642	848	311	8.2
Oct .....	1,636	1,343	26	267	1,636	1,608	906	314	.....
Nov .....	1,663	1,344	25	294	1,678	1,653	895	317	.....
Dec .....	1,769	1,441	30	298	1,683	1,675	916	320	7.9
2000: Jan .....	1,744	1,361	32	351	1,762	1,599	927	321	.....
Feb .....	1,822	1,324	40	458	1,661	1,732	905	309	.....
Mar .....	1,630	1,327	16	287	1,597	1,728	947	321	7.9
Apr .....	1,652	1,310	30	312	1,559	1,660	865	305	.....
May .....	1,591	1,258	26	307	1,511	1,705	875	308	.....
June .....	1,571	1,227	39	305	1,528	1,545	827	312	8.0
July .....	1,527	1,201	43	283	1,511	1,531	919	306	.....
Aug <sup>r</sup> .....	1,519	1,229	41	249	1,486	1,611	866	306	.....
Sept <sup>r</sup> .....	1,530	1,229	39	262	1,518	1,553	946	302	8.2
Oct <sup>r</sup> .....	1,532	1,227	39	266	1,546	.....	.....	.....	.....

<sup>1</sup> Seasonally adjusted.

<sup>2</sup> Revised series beginning 1994; not comparable with earlier data, except 1993 data have been revised to be comparable with new series beginning in 1994.

Quarterly data entered in last month of quarter.

<sup>3</sup> The 1994 total based on 17,000 permit-issuing places is 1,333.7 thousand units.

NOTE.—Beginning 1994, units authorized are for 19,000 places. For other data shown, units authorized are for 17,000 places.

Source: Department of Commerce, Bureau of the Census.

## NEW CONSTRUCTION

[Monthly data seasonally adjusted]

Period	Total new construction expenditures	Private						Federal and State and local	Construction contracts <sup>3</sup>	
		Total	Residential		Commercial and industrial <sup>2</sup>	Other	Total value index (1992=100)		Commercial and industrial floor space (millions of square feet)	
			Total <sup>1</sup>	New housing units						
Billions of dollars										
1990 .....	476.8	369.3	191.1	132.1	119.4	58.8	107.5	98	783	
1991 .....	432.6	322.5	166.3	114.6	93.7	62.6	110.1	92	577	
1992 .....	463.7	347.8	199.4	135.1	82.2	66.2	115.8	100	556	
1993 .....	493.3	377.3	225.1	150.9	84.4	67.8	116.0	108	589	
1994 .....	539.2	419.0	258.6	176.4	93.3	67.1	120.2	118	744	
1995 .....	555.6	425.7	247.4	171.4	109.4	68.9	129.9	122	862	
1996 .....	613.5	474.3	281.1	191.1	123.2	70.0	139.3	132	875	
1997 .....	656.6	501.7	289.0	198.1	133.8	77.0	154.9	144	1,027	
1998 .....	711.8	552.2	314.6	224.0	151.1	86.5	159.5	161	1,223	
1999 .....	764.2	591.6	348.8	249.5	154.5	88.2	172.7	177	1,143	
Annual rates										
1999: Nov .....	776.5	596.9	353.9	253.8	155.3	87.8	179.5	179	.....	
Dec .....	791.7	605.8	358.2	259.8	156.3	91.3	185.9	175	.....	
2000: Jan .....	806.1	614.6	365.1	265.4	159.1	90.3	191.5	178	.....	
Feb .....	816.0	629.6	368.7	268.7	169.9	90.9	186.4	180	.....	
Mar .....	829.5	637.7	372.1	270.7	172.2	93.4	191.8	194	.....	
Apr .....	816.2	629.5	368.9	268.1	170.5	90.0	186.7	187	.....	
May .....	811.8	629.8	367.7	266.0	170.1	92.1	182.0	179	.....	
June .....	798.9	624.4	363.8	261.5	169.1	91.6	174.5	189	.....	
July <sup>r</sup> .....	793.0	619.0	355.2	254.4	170.4	93.5	174.0	180	.....	
Aug <sup>r</sup> .....	801.7	616.9	350.8	253.9	172.7	93.4	184.8	177	.....	
Sept <sup>r</sup> .....	813.5	625.3	351.7	252.5	176.0	97.7	188.2	182	.....	
Oct <sup>r</sup> .....	820.2	632.9	359.1	253.5	177.0	96.8	187.3	187	.....	
Nov <sup>p</sup> .....	815.6	632.2	353.8	254.9	180.6	97.8	183.4	179	.....	

<sup>1</sup> Includes residential improvements, not shown separately.

<sup>2</sup> Includes hotels and motels.

<sup>3</sup> F.W. Dodge series.

Sources: Department of Commerce (Bureau of the Census) and The McGraw-Hill Companies, Inc., F.W. Dodge Division.

## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or homes, except as noted]

Period	New private housing units					New private homes			Vacancy rate for rental housing units (percent) <sup>2</sup>
	Units started, by type of structure				Units authorized	Units completed	Homes sold	Homes for sale at end of period <sup>1</sup>	
	Total	1 unit	2-4 units	5 or more units					
1990 .....	1,192.7	894.8	37.5	260.4	1,110.8	1,308.0	534	321	7.2
1991 .....	1,013.9	840.4	35.6	137.9	948.8	1,090.8	509	284	7.4
1992 .....	1,199.7	1,029.9	30.7	139.0	1,094.9	1,157.5	610	265	7.4
1993 .....	1,287.6	1,125.7	29.4	132.6	1,199.1	1,192.7	666	293	7.3
1994 .....	1,457.0	1,198.4	35.0	223.5	<sup>3</sup> 1,371.6	1,346.9	670	336	7.4
1995 .....	1,354.1	1,076.2	33.7	244.1	1,332.5	1,312.6	667	370	7.6
1996 .....	1,476.8	1,160.9	45.2	270.8	1,425.6	1,412.9	757	322	7.8
1997 .....	1,474.0	1,133.7	44.5	295.8	1,441.1	1,400.5	804	281	7.7
1998 .....	1,616.9	1,271.4	42.6	302.9	1,612.3	1,474.2	886	294	7.9
1999 .....	1,666.5	1,334.9	31.9	299.7	1,663.5	1,636.1	907	320	8.1
Seasonally adjusted annual rates									
1999: Nov .....	1,663	1,344	25	294	1,678	1,653	895	317	.....
Dec .....	1,769	1,441	30	298	1,683	1,675	916	320	7.9
2000: Jan .....	1,744	1,361	32	351	1,762	1,599	927	321	.....
Feb .....	1,822	1,324	40	458	1,661	1,732	905	309	.....
Mar .....	1,630	1,327	16	287	1,597	1,728	947	321	7.9
Apr .....	1,652	1,310	30	312	1,559	1,660	865	305	.....
May .....	1,591	1,258	26	307	1,511	1,705	875	308	.....
June .....	1,571	1,227	39	305	1,528	1,545	827	312	8.0
July .....	1,527	1,201	43	283	1,511	1,531	<sup>r</sup> 914	<sup>r</sup> 311	.....
Aug .....	1,519	1,229	41	249	1,486	<sup>r</sup> 1,612	<sup>r</sup> 860	<sup>r</sup> 313	.....
Sept <sup>r</sup> .....	1,537	1,226	41	270	1,518	1,559	939	310	8.2
Oct <sup>r</sup> .....	1,528	1,225	41	262	1,546	1,546	929	313	.....
Nov <sup>p</sup> .....	1,562	1,220	44	298	1,598	1,575	909	317	.....

<sup>1</sup> Seasonally adjusted.

<sup>2</sup> Revised series beginning 1994; not comparable with earlier data, except 1993 data have been revised to be comparable with new series beginning in 1994.

Quarterly data entered in last month of quarter.

<sup>3</sup> The 1994 total based on 17,000 permit-issuing places is 1,333.7 thousand units.

NOTE.—Beginning 1994, units authorized are for 19,000 places. For other data shown, units authorized are for 17,000 places.

Source: Department of Commerce, Bureau of the Census.

## NEW CONSTRUCTION

[Monthly data seasonally adjusted]

Period	Total new construction expenditures	Private						Federal and State and local	Construction contracts <sup>3</sup>	
		Total	Residential		Commercial and industrial <sup>2</sup>	Other	Total value index (1992=100)		Commercial and industrial floor space (millions of square feet)	
			Total <sup>1</sup>	New housing units						
<b>Billions of dollars</b>										
1991 .....	432.6	322.5	166.3	114.6	93.7	62.6	110.1	92	577	
1992 .....	463.7	347.8	199.4	135.1	82.2	66.2	115.8	100	556	
1993 .....	493.3	377.3	225.1	150.9	84.4	67.8	116.0	108	589	
1994 .....	539.2	419.0	258.6	176.4	93.3	67.1	120.2	118	744	
1995 .....	555.6	425.7	247.4	171.4	109.4	68.9	129.9	122	862	
1996 .....	613.5	474.3	281.1	191.1	123.2	70.0	139.3	132	875	
1997 .....	656.6	501.7	289.0	198.1	135.8	77.0	154.9	144	1,027	
1998 .....	711.8	552.2	314.6	224.0	151.1	86.5	159.5	161	1,223	
1999 .....	764.2	591.6	348.8	249.5	154.5	88.2	172.7	177	1,255	
2000 <sup>P</sup> .....	807.8	624.2	358.4	259.5	172.0	93.9	183.6	183	1,240	
<b>Annual rates</b>										
1999: Dec .....	791.7	605.8	358.2	259.8	156.3	91.3	185.9	r 174	.....	
2000: Jan .....	806.1	614.6	365.1	265.4	159.1	90.3	191.5	r 179	.....	
Feb .....	816.0	629.6	368.7	268.7	169.9	90.9	186.4	r 180	.....	
Mar .....	829.5	637.7	372.1	270.7	172.2	93.4	191.8	r 195	.....	
Apr .....	816.2	629.5	368.9	268.1	170.5	90.0	186.7	r 187	.....	
May .....	811.8	629.8	367.7	266.0	170.1	92.1	182.0	r 180	.....	
June .....	798.9	624.4	363.8	261.5	169.1	91.6	174.5	r 190	.....	
July .....	793.0	619.0	355.2	254.4	170.4	93.5	174.0	r 182	.....	
Aug .....	801.7	616.9	350.8	253.9	172.7	93.4	184.8	r 179	.....	
Sept .....	813.5	625.3	351.7	252.5	176.0	97.7	188.2	r 185	.....	
Oct <sup>r</sup> .....	805.4	620.1	348.9	253.1	175.3	95.9	185.3	r 190	.....	
Nov <sup>r</sup> .....	807.0	623.8	347.3	254.9	178.2	98.3	183.2	r 180	.....	
Dec <sup>P</sup> .....	811.5	625.5	346.8	257.1	179.9	98.8	186.0	r 181	.....	

<sup>1</sup> Includes residential improvements, not shown separately.  
<sup>2</sup> Includes hotels and motels.  
<sup>3</sup> F.W. Dodge series.

Sources: Department of Commerce (Bureau of the Census) and The McGraw-Hill Companies, Inc., F.W. Dodge Division.

## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or homes, except as noted]

Period	New private housing units					New private homes			Vacancy rate for rental housing units (percent) <sup>2</sup>
	Units started, by type of structure				Units authorized	Units completed	Homes sold	Homes for sale at end of period <sup>1</sup>	
	Total	1 unit	2-4 units	5 or more units					
1991 .....	1,013.9	840.4	35.6	137.9	948.8	1,090.8	509	284	7.4
1992 .....	1,199.7	1,029.9	30.7	139.0	1,094.9	1,157.5	610	265	7.4
1993 .....	1,287.6	1,125.7	29.4	132.6	1,199.1	1,192.7	666	293	r 7.3
1994 .....	1,457.0	1,198.4	35.0	223.5	r 1,371.6	1,346.9	670	336	7.4
1995 .....	1,354.1	1,076.2	33.7	244.1	1,332.5	1,312.6	667	370	7.6
1996 .....	1,476.8	1,160.9	45.2	270.8	1,425.6	1,412.9	757	322	7.8
1997 .....	1,474.0	1,133.7	44.5	295.8	1,441.1	1,400.5	804	281	7.7
1998 .....	1,616.9	1,271.4	42.6	302.9	1,612.3	1,474.2	886	294	7.9
1999 .....	1,666.5	1,334.9	31.9	299.7	1,663.5	1,636.1	907	320	8.1
2000 <sup>P</sup> .....	1,593.8	1,263.4	35.3	295.1	1,574.4	1,605.8	898	310	8.0
<b>Seasonally adjusted annual rates</b>									
1999: Dec .....	1,769	1,441	30	298	1,683	1,675	916	320	7.9
2000: Jan .....	1,744	1,361	32	351	1,762	1,599	927	321	.....
Feb .....	1,822	1,324	40	458	1,661	1,732	905	309	.....
Mar .....	1,630	1,327	16	287	1,597	1,728	947	321	7.9
Apr .....	1,652	1,310	30	312	1,559	1,660	865	305	.....
May .....	1,591	1,258	26	307	1,511	1,705	875	308	.....
June .....	1,571	1,227	39	305	1,528	1,545	827	312	8.0
July .....	1,527	1,201	43	283	1,511	1,531	914	311	.....
Aug .....	1,519	1,229	41	249	1,486	1,612	860	313	.....
Sept .....	1,537	1,226	41	270	1,518	1,559	r 924	r 309	8.2
Oct <sup>r</sup> .....	1,529	1,232	40	257	1,546	1,546	926	311	.....
Nov <sup>r</sup> .....	1,570	1,239	39	292	1,598	1,589	860	314	.....
Dec <sup>P</sup> .....	1,575	1,313	28	234	1,507	1,551	975	310	7.8

<sup>1</sup> Seasonally adjusted.  
<sup>2</sup> Revised series beginning 1994; not comparable with earlier data, except 1993 data have been revised to be comparable with new series beginning in 1994.  
 Quarterly data entered in last month of quarter.  
<sup>3</sup> The 1994 total based on 17,000 permit-issuing places is 1,333.7 thousand units.

NOTE.—Beginning 1994, units authorized are for 19,000 places. For other data shown, units authorized are for 17,000 places.

Source: Department of Commerce, Bureau of the Census.

## NEW CONSTRUCTION

[Monthly data seasonally adjusted]

Period	Total new construction expenditures	Private						Federal and State and local	Construction contracts <sup>3</sup>	
		Total	Residential		Commercial and industrial <sup>2</sup>	Other	Total value index (1996=100)		Commercial and industrial floor space (millions of square feet)	
			Total <sup>1</sup>	New housing units						
Billions of dollars										
1991 .....	432.6	322.5	166.3	114.6	93.7	62.6	110.1	70	577	
1992 .....	463.7	347.8	199.4	135.1	82.2	66.2	115.8	76	556	
1993 .....	493.3	377.3	225.1	150.9	84.4	67.8	116.0	82	589	
1994 .....	539.2	419.0	258.6	176.4	93.3	67.1	120.2	89	744	
1995 .....	555.6	425.7	247.4	171.4	109.4	68.9	129.9	92	862	
1996 .....	613.5	474.3	281.1	191.1	123.2	70.0	139.3	100	875	
1997 .....	656.6	501.7	289.0	198.1	135.8	77.0	154.9	109	1,027	
1998 .....	711.8	552.2	314.6	224.0	151.1	86.5	159.5	122	1,223	
1999 .....	764.2	591.6	348.8	249.5	154.5	88.2	172.7	135	1,255	
2000 <sup>r</sup> .....	808.3	624.5	358.5	259.5	171.8	94.2	183.7	140	1,240	
Annual rates										
2000: Jan .....	806.1	614.6	365.1	265.4	159.1	90.3	191.5	138	.....	
Feb .....	816.0	629.6	368.7	268.7	169.9	90.9	186.4	137	.....	
Mar .....	829.5	637.7	372.1	270.7	172.2	93.4	191.8	149	.....	
Apr .....	816.2	629.5	368.9	268.1	170.5	90.0	186.7	143	.....	
May .....	811.8	629.8	367.7	266.0	170.1	92.1	182.0	137	.....	
June .....	798.9	624.4	363.8	261.5	169.1	91.6	174.5	145	.....	
July .....	793.0	619.0	355.2	254.4	170.4	93.5	174.0	138	.....	
Aug .....	801.7	616.9	350.8	253.9	172.7	93.4	184.8	137	.....	
Sept .....	813.5	625.3	351.7	252.5	176.0	97.7	188.2	141	.....	
Oct .....	805.4	620.1	348.9	253.1	175.3	95.9	185.3	146	.....	
Nov <sup>r</sup> .....	809.6	624.9	347.9	255.4	178.5	98.5	184.7	138	.....	
Dec <sup>r</sup> .....	818.0	630.3	349.1	257.3	178.5	102.7	187.7	138	.....	
2001: Jan <sup>p</sup> .....	830.5	641.6	355.2	263.3	189.1	97.3	188.9	145	.....	

<sup>1</sup> Includes residential improvements, not shown separately.

<sup>2</sup> Includes hotels and motels.

<sup>3</sup> F.W. Dodge series.

Sources: Department of Commerce (Bureau of the Census) and The McGraw-Hill Companies, Inc., F.W. Dodge Division.

## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or homes, except as noted]

Period	New private housing units						New private homes		Vacancy rate for rental housing units (percent) <sup>2</sup>
	Units started, by type of structure				Units authorized	Units completed	Homes sold	Homes for sale at end of period <sup>1</sup>	
	Total	1 unit	2-4 units	5 or more units					
1991 .....	1,013.9	840.4	35.6	137.9	948.8	1,090.8	509	284	7.4
1992 .....	1,199.7	1,029.9	30.7	139.0	1,094.9	1,157.5	610	265	7.4
1993 .....	1,287.6	1,125.7	29.4	132.6	1,199.1	1,192.7	666	293	<sup>2</sup> 7.3
1994 .....	1,457.0	1,198.4	35.0	223.5	<sup>3</sup> 1,371.6	1,346.9	670	336	7.4
1995 .....	1,354.1	1,076.2	33.7	244.1	1,332.5	1,312.6	667	370	7.6
1996 .....	1,476.8	1,160.9	45.2	270.8	1,425.6	1,412.9	757	322	7.8
1997 .....	1,474.0	1,133.7	44.5	295.8	1,441.1	1,400.5	804	281	7.7
1998 .....	1,616.9	1,271.4	42.6	302.9	1,612.3	1,474.2	886	294	7.9
1999 .....	1,666.5	1,334.9	31.9	299.7	1,663.5	1,636.1	907	320	8.1
2000 <sup>r</sup> .....	1,592.3	1,262.1	35.8	294.4	1,574.4	1,608.1	906	308	8.0
Seasonally adjusted annual rates									
2000: Jan .....	1,744	1,361	32	351	1,762	1,599	927	321	.....
Feb .....	1,822	1,324	40	458	1,661	1,732	905	309	.....
Mar .....	1,630	1,327	16	287	1,597	1,728	947	321	7.9
Apr .....	1,652	1,310	30	312	1,559	1,660	865	305	.....
May .....	1,591	1,258	26	307	1,511	1,705	875	308	.....
June .....	1,571	1,227	39	305	1,528	1,545	827	312	8.0
July .....	1,527	1,201	43	283	1,511	1,531	914	311	.....
Aug .....	1,519	1,229	41	249	1,486	1,612	860	313	.....
Sept .....	1,537	1,226	41	270	1,518	1,559	924	309	8.2
Oct .....	1,529	1,232	40	257	1,546	1,542	<sup>r</sup> 940	<sup>r</sup> 312	.....
Nov <sup>r</sup> .....	1,564	1,233	41	290	1,598	1,589	900	316	.....
Dec <sup>r</sup> .....	1,568	1,304	34	230	1,507	1,564	1,034	308	7.8
2001: Jan <sup>p</sup> .....	1,651	1,340	46	265	1,697	1,447	921	310	.....

<sup>1</sup> Seasonally adjusted.

<sup>2</sup> Revised series beginning 1994; not comparable with earlier data, except 1993 data have been revised to be comparable with new series beginning in 1994.

Quarterly data entered in last month of quarter.

<sup>3</sup> The 1994 total based on 17,000 permit-issuing places is 1,333.7 thousand units.

NOTE.—Beginning 1994, units authorized are for 19,000 places. For other data shown, units authorized are for 17,000 places.

Source: Department of Commerce, Bureau of the Census.

## NEW CONSTRUCTION

[Monthly data seasonally adjusted]

Period	Total new construction expenditures	Private						Federal and State and local	Construction contracts <sup>3</sup>	
		Total	Residential		Commercial and industrial <sup>2</sup>	Other	Total value index (1996=100)		Commercial and industrial floor space (millions of square feet)	
			Total <sup>1</sup>	New housing units						
Billions of dollars										
1991 .....	432.6	322.5	166.3	114.6	93.7	62.6	110.1	70	577	
1992 .....	463.7	347.8	199.4	135.1	82.2	66.2	115.8	76	556	
1993 .....	493.3	377.3	225.1	150.9	84.4	67.8	116.0	82	589	
1994 .....	539.2	419.0	258.6	176.4	93.3	67.1	120.2	89	744	
1995 .....	555.6	425.7	247.4	171.4	109.4	68.9	129.9	92	862	
1996 .....	613.5	474.3	281.1	191.1	123.2	70.0	139.3	100	875	
1997 .....	656.6	501.7	289.0	198.1	135.8	77.0	154.9	109	1,027	
1998 .....	711.8	552.2	314.6	224.0	151.1	86.5	159.5	122	1,223	
1999 .....	764.2	591.6	348.8	249.5	154.5	88.2	172.7	135	1,255	
2000 <sup>r</sup> .....	807.6	623.9	358.6	259.6	171.5	93.8	183.7	<sup>r</sup> 141	1,240	
Annual rates										
2000: Feb .....	816.0	629.6	368.7	268.7	169.9	90.9	186.4	<sup>r</sup> 136	.....	
Mar .....	829.5	637.7	372.1	270.7	172.2	93.4	191.8	<sup>r</sup> 148	.....	
Apr .....	816.2	629.5	368.9	268.1	170.5	90.0	186.7	143	.....	
May .....	811.8	629.8	367.7	266.0	170.1	92.1	182.0	137	.....	
June .....	798.9	624.4	363.8	261.5	169.1	91.6	174.5	<sup>r</sup> 146	.....	
July .....	793.0	619.0	355.2	254.4	170.4	93.5	174.0	<sup>r</sup> 139	.....	
Aug .....	801.7	616.9	350.8	253.9	172.7	93.4	184.8	<sup>r</sup> 138	.....	
Sept .....	813.5	625.3	351.7	252.5	176.0	97.7	188.2	<sup>r</sup> 142	.....	
Oct <sup>r</sup> .....	803.9	618.7	348.1	253.2	175.4	95.3	185.2	149	.....	
Nov <sup>r</sup> .....	808.9	624.6	349.0	255.4	178.4	97.1	184.4	142	.....	
Dec <sup>r</sup> .....	811.5	625.1	350.7	257.8	174.7	99.8	186.4	142	.....	
2001: Jan <sup>r</sup> .....	829.4	639.2	355.9	263.3	184.5	98.8	190.2	150	.....	
Feb <sup>r</sup> .....	834.2	647.1	364.3	269.4	185.6	97.2	187.1	147	.....	

<sup>1</sup> Includes residential improvements, not shown separately.  
<sup>2</sup> Includes hotels and motels.  
<sup>3</sup> F.W. Dodge series.

Sources: Department of Commerce (Bureau of the Census) and The McGraw-Hill Companies, Inc., F.W. Dodge Division.

## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or homes, except as noted]

Period	New private housing units						New private homes		Vacancy rate for rental housing units (percent) <sup>2</sup>
	Units started, by type of structure				Units authorized	Units completed	Homes sold	Homes for sale at end of period <sup>1</sup>	
	Total	1 unit	2-4 units	5 or more units					
1991 .....	1,013.9	840.4	35.6	137.9	948.8	1,090.8	509	284	7.4
1992 .....	1,199.7	1,029.9	30.7	139.0	1,094.9	1,157.5	610	265	7.4
1993 .....	1,287.6	1,125.7	29.4	132.6	1,199.1	1,192.7	666	293	<sup>2</sup> 7.3
1994 .....	1,457.0	1,198.4	35.0	223.5	<sup>3</sup> 1,371.6	1,346.9	670	336	7.4
1995 .....	1,354.1	1,076.2	33.7	244.1	1,332.5	1,312.6	667	370	7.6
1996 .....	1,476.8	1,160.9	45.2	270.8	1,425.6	1,412.9	757	322	7.8
1997 .....	1,474.0	1,133.7	44.5	295.8	1,441.1	1,400.5	804	281	7.7
1998 .....	1,616.9	1,271.4	42.6	302.9	1,612.3	1,474.2	886	294	7.9
1999 .....	1,666.5	1,334.9	31.9	299.7	1,663.5	1,636.1	907	320	8.1
2000 <sup>r</sup> .....	1,593.1	1,261.8	36.1	295.3	1,574.4	1,609.0	903	310	8.0
Seasonally adjusted annual rates									
2000: Feb .....	1,822	1,324	40	458	1,661	1,732	905	309	.....
Mar .....	1,630	1,327	16	287	1,597	1,728	947	321	7.9
Apr .....	1,652	1,310	30	312	1,559	1,660	865	305	.....
May .....	1,591	1,258	26	307	1,511	1,705	875	308	.....
June .....	1,571	1,227	39	305	1,528	1,545	827	312	8.0
July .....	1,527	1,201	43	283	1,511	1,531	914	311	.....
Aug .....	1,519	1,229	41	249	1,486	1,612	860	313	.....
Sept .....	1,537	1,226	41	270	1,518	1,559	924	309	8.2
Oct .....	1,529	1,232	40	257	1,546	1,546	940	312	.....
Nov .....	1,564	1,233	41	290	1,598	1,589	890	316	.....
Dec <sup>r</sup> .....	1,577	1,298	37	242	1,507	1,578	986	310	7.8
2001: Jan <sup>r</sup> .....	1,653	1,347	41	265	1,724	1,460	933	310	.....
Feb <sup>r</sup> .....	1,647	1,315	23	309	1,675	1,546	911	311	.....

<sup>1</sup> Seasonally adjusted.  
<sup>2</sup> Revised series beginning 1994; not comparable with earlier data, except 1993 data have been revised to be comparable with new series beginning in 1994.  
 Quarterly data entered in last month of quarter.  
<sup>3</sup> The 1994 total based on 17,000 permit-issuing places is 1,333.7 thousand units.

NOTE.—Beginning 1994, units authorized are for 19,000 places. For other data shown, units authorized are for 17,000 places.  
 Source: Department of Commerce, Bureau of the Census.

## NEW CONSTRUCTION

[Monthly data seasonally adjusted]

Period	Total new construction expenditures	Private						Federal and State and local	Construction contracts <sup>3</sup>	
		Total	Residential		Commercial and industrial <sup>2</sup>	Other	Total value index (1996=100)		Commercial and industrial floor space (millions of square feet)	
			Total <sup>1</sup>	New housing units						
<b>Billions of dollars</b>										
1991	432.6	322.5	166.3	114.6	93.7	62.6	110.1	70	577	
1992	463.7	347.8	199.4	135.1	82.2	66.2	115.8	76	556	
1993	493.3	377.3	225.1	150.9	84.4	67.8	116.0	82	589	
1994	539.2	419.0	258.6	176.4	93.3	67.1	120.2	89	744	
1995	555.6	425.7	247.4	171.4	109.4	68.9	129.9	92	862	
1996	613.5	474.3	281.1	191.1	123.2	70.0	139.3	100	875	
1997	656.6	501.7	289.0	198.1	135.8	77.0	154.9	109	1,027	
1998	711.8	552.2	314.6	224.0	151.1	86.5	159.5	122	1,223	
1999	764.2	591.6	348.8	249.5	154.5	88.2	172.7	135	1,255	
2000	807.6	623.9	358.6	259.6	171.5	93.8	183.7	141	1,240	
<b>Annual rates</b>										
2000: Mar	829.5	637.7	372.1	270.7	172.2	93.4	191.8	148	.....	
Apr	816.2	629.5	368.9	268.1	170.5	90.0	186.7	143	.....	
May	811.8	629.8	367.7	266.0	170.1	92.1	182.0	138	.....	
June	798.9	624.4	363.8	261.5	169.1	91.6	174.5	146	.....	
July	793.0	619.0	355.2	254.4	170.4	93.5	174.0	140	.....	
Aug	801.7	616.9	350.8	253.9	172.7	93.4	184.8	138	.....	
Sept	813.5	625.3	351.7	252.5	176.0	97.7	188.2	143	.....	
Oct	803.9	618.7	348.1	253.2	175.4	95.3	185.2	150	.....	
Nov	808.9	624.6	349.0	255.4	178.4	97.1	184.4	143	.....	
Dec	811.5	625.1	350.7	257.8	174.7	99.8	186.4	143	.....	
2001: Jan <sup>r</sup>	835.8	643.3	359.9	263.8	184.5	98.9	192.5	151	.....	
Feb <sup>r</sup>	843.1	651.6	368.8	268.6	184.3	98.5	191.5	147	.....	
Mar <sup>p</sup>	854.4	660.1	370.0	266.4	190.9	99.2	194.2	139	.....	

<sup>1</sup> Includes residential improvements, not shown separately.

<sup>2</sup> Includes hotels and motels.

<sup>3</sup> F.W. Dodge series.

Sources: Department of Commerce (Bureau of the Census) and The McGraw-Hill Companies, Inc., F.W. Dodge Division.

## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or homes, except as noted]

Period	New private housing units						New private homes		Vacancy rate for rental housing units (percent) <sup>2</sup>	
	Units started, by type of structure				Units authorized	Units completed	Homes sold	Homes for sale at end of period <sup>1</sup>		
	Total	1 unit	2-4 units	5 or more units						
1991	1,013.9	840.4	35.6	137.9	948.8	1,090.8	509	284	7.4	
1992	1,199.7	1,029.9	30.7	139.0	1,094.9	1,157.5	610	265	7.4	
1993	1,287.6	1,125.7	29.4	132.6	1,199.1	1,192.7	666	293	7.3	
1994	1,457.0	1,198.4	35.0	223.5	<sup>3</sup> 1,371.6	1,346.9	670	336	7.4	
1995	1,354.1	1,076.2	33.7	244.1	1,332.5	1,312.6	667	370	7.6	
1996	1,476.8	1,160.9	45.2	270.8	1,425.6	1,412.9	757	322	7.8	
1997	1,474.0	1,133.7	44.5	295.8	1,441.1	1,400.5	804	281	7.7	
1998	1,616.9	1,271.4	42.6	302.9	1,612.3	1,474.2	886	294	7.9	
1999	1,666.5	1,334.9	31.9	299.7	1,663.5	1,636.1	907	320	8.1	
2000	1,593.1	1,261.8	36.1	295.3	1,574.4	1,609.0	904	308	8.0	
<b>Seasonally adjusted annual rates</b>										
2000: Mar	1,630	1,327	16	287	1,597	1,728	947	321	7.9	
Apr	1,652	1,310	30	312	1,559	1,660	865	305	.....	
May	1,591	1,258	26	307	1,511	1,705	875	308	.....	
June	1,571	1,227	39	305	1,528	1,545	827	312	8.0	
July	1,527	1,201	43	283	1,511	1,531	914	311	.....	
Aug	1,519	1,229	41	249	1,486	1,612	860	313	.....	
Sept	1,537	1,226	41	270	1,518	1,559	924	309	8.2	
Oct	1,529	1,232	40	257	1,546	1,546	940	312	.....	
Nov	1,564	1,233	41	290	1,588	1,589	890	316	.....	
Dec	1,577	1,298	37	242	1,507	1,578	907	308	7.8	
2001: Jan <sup>r</sup>	1,671	1,351	43	277	1,724	1,460	968	308	.....	
Feb <sup>r</sup>	1,634	1,297	24	313	1,675	1,586	980	307	.....	
Mar <sup>p</sup>	1,613	1,241	42	330	1,615	1,490	1,021	300	8.2	

<sup>1</sup> Seasonally adjusted.

<sup>2</sup> Revised series beginning 1994; not comparable with earlier data, except 1993 data have been revised to be comparable with new series beginning in 1994.

Quarterly data entered in last month of quarter.

<sup>3</sup> The 1994 total based on 17,000 permit-issuing places is 1,333.7 thousand units.

NOTE.—Beginning 1994, units authorized are for 19,000 places. For other data shown, units authorized are for 17,000 places.

Source: Department of Commerce, Bureau of the Census.

## NEW CONSTRUCTION

[Monthly data seasonally adjusted]

Period	Total new construction expenditures	Private						Federal and State and local	Construction contracts <sup>3</sup>	
		Total	Residential		Commercial and industrial <sup>2</sup>	Other	Total value index (1996=100)		Commercial and industrial floor space (millions of square feet)	
			Total <sup>1</sup>	New housing units						
<b>Billions of dollars</b>										
1991	432.6	322.5	166.3	114.6	93.7	62.6	110.1	70	577	
1992	463.7	347.8	199.4	135.1	82.2	66.2	115.8	76	556	
1993	493.3	377.3	225.1	150.9	84.4	67.8	116.0	82	589	
1994	539.2	419.0	258.6	176.4	93.3	67.1	120.2	89	744	
1995	555.6	425.7	247.4	171.4	109.4	68.9	129.9	92	862	
1996	613.5	474.3	281.1	191.1	123.2	70.0	139.3	100	875	
1997	656.6	501.7	289.0	198.1	135.8	77.0	154.9	109	1,027	
1998	711.8	552.2	314.6	224.0	151.1	86.5	159.5	122	1,223	
1999	764.2	591.6	348.8	249.5	154.5	88.2	172.7	135	1,255	
2000	807.6	623.9	358.6	259.6	171.5	93.8	183.7	<sup>r</sup> 142	1,240	
<b>Annual rates</b>										
2000: Apr	816.2	629.5	368.9	268.1	170.5	90.0	186.7	<sup>r</sup> 142	.....	
May	811.8	629.8	367.7	266.0	170.1	92.1	182.0	138	.....	
June	798.9	624.4	363.8	261.5	169.1	91.6	174.5	146	.....	
July	793.0	619.0	355.2	254.4	170.4	93.5	174.0	140	.....	
Aug	801.7	616.9	350.8	253.9	172.7	93.4	184.8	138	.....	
Sept	813.5	625.3	351.7	252.5	176.0	97.7	188.2	143	.....	
Oct	803.9	618.7	348.1	253.2	175.4	95.3	185.2	<sup>r</sup> 151	.....	
Nov	808.9	624.6	349.0	255.4	178.4	97.1	184.4	143	.....	
Dec	811.5	625.1	350.7	257.8	174.7	99.8	186.4	143	.....	
2001: Jan	835.8	643.3	359.9	263.8	184.5	98.9	192.5	<sup>r</sup> 152	.....	
Feb	843.6	649.8	369.6	269.6	182.7	97.5	193.8	147	.....	
Mar	852.9	658.3	370.0	268.6	188.6	99.7	194.6	139	.....	
Apr <sup>p</sup>	855.2	658.8	372.7	271.2	186.5	99.6	196.4	144	.....	

<sup>1</sup> Includes residential improvements, not shown separately.  
<sup>2</sup> Includes hotels and motels.  
<sup>3</sup> F.W. Dodge series.

Sources: Department of Commerce (Bureau of the Census) and The McGraw-Hill Companies, Inc., F.W. Dodge Division.

## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or houses, except as noted]

Period	New private housing units						New private houses		Vacancy rate for rental housing units (percent) <sup>3</sup>
	Units started, by type of structure				Units authorized	Units completed	Houses sold	Houses for sale at end of period <sup>2</sup>	
	Total	1 unit	2-4 units <sup>1</sup>	5 units or more					
1991	1,013.9	840.4	35.6	137.9	948.8	1,090.8	509	284	7.4
1992	1,199.7	1,029.9	30.7	139.0	1,094.9	1,157.5	610	265	7.4
1993	1,287.6	1,125.7	29.4	132.6	1,199.1	1,192.7	666	293	<sup>3</sup> 7.3
1994	1,457.0	1,198.4	35.0	223.5	1,371.6	1,346.9	670	336	7.4
1995	1,354.1	1,076.2	33.7	244.1	1,332.5	1,312.6	667	370	7.6
1996	1,476.8	1,160.9	45.2	270.8	1,425.6	1,412.9	757	322	7.8
1997	1,474.0	1,133.7	44.5	295.8	1,441.1	1,400.5	804	281	7.7
1998	1,616.9	1,271.4	42.6	302.9	1,612.3	1,474.2	886	294	7.9
1999	1,640.9	1,302.4	31.9	306.6	1,663.5	1,604.9	880	308	8.1
2000	1,568.7	1,230.9	38.7	299.1	1,592.3	1,573.7	877	297	8.0
<b>Seasonally adjusted annual rates</b>									
2000: Apr	1,626	1,276	35	315	1,595	1,608	843	304	.....
May	1,573	1,228	22	323	1,540	1,675	853	304	.....
June	1,560	1,199	56	305	1,566	1,532	793	307	8.0
July	1,477	1,148	49	280	1,534	1,489	881	304	.....
Aug	1,531	1,228	48	255	1,544	1,583	839	304	.....
Sept	1,508	1,196	36	276	1,549	1,526	902	301	8.2
Oct	1,527	1,218	38	271	1,562	1,509	922	301	.....
Nov	1,559	1,209	44	306	1,614	1,548	882	304	.....
Dec	1,532	1,236	37	259	1,553	1,527	1,001	297	7.8
2001: Jan	1,666	1,336	40	290	1,724	1,424	938	295	.....
Feb	1,623	1,288	25	310	1,663	1,531	966	293	.....
Mar	1,586	1,207	41	338	1,627	1,464	988	283	8.2
Apr <sup>p</sup>	1,609	1,288	41	280	1,587	1,533	894	288	.....

<sup>1</sup> Derived; seasonally adjusted monthly data for 2-4 housing units started are no longer published.

<sup>2</sup> Seasonally adjusted.

<sup>3</sup> Revised series beginning 1994; data for 1993 reflect the revision. Quarterly data entered in last month of quarter.

NOTE.—Beginning 1994, units authorized are for 19,000 places. For other data shown, units authorized are for 17,000 places.

Beginning 1999, housing starts, completions, and sales are not directly comparable with earlier data due to new estimation methods.

Unadjusted and seasonally adjusted data for housing starts, completions, and sales reflect revisions beginning 1999. For units authorized, unadjusted data revised for 2000; seasonally adjusted data revised beginning 1999.

Source: Department of Commerce, Bureau of the Census.

## NEW CONSTRUCTION

[Monthly data seasonally adjusted]

Period	Total new construction expenditures	Private						Federal and State and local	Construction contracts <sup>3</sup>	
		Total	Residential		Commercial and industrial <sup>2</sup>	Other	Total value index (1996=100)		Commercial and industrial floor space (millions of square feet)	
			Total <sup>1</sup>	New housing units						
Billions of dollars										
1991	432.6	322.5	166.3	114.6	93.7	62.6	110.1	70	577	
1992	463.7	347.8	199.4	135.1	82.2	66.2	115.8	76	556	
1993	491.0	375.1	225.1	150.9	81.5	68.5	116.0	82	589	
1994	539.2	419.0	258.6	176.4	93.3	67.1	120.2	89	744	
1995	557.8	427.9	247.4	171.4	110.9	69.7	129.9	92	862	
1996	615.9	476.6	281.1	191.1	125.2	70.4	139.3	100	875	
1997	653.4	502.7	289.0	198.1	136.6	77.1	150.7	109	1,027	
1998	704.7	551.4	314.6	224.0	151.1	85.7	153.3	122	1,223	
1999	763.8	596.3	350.6	251.3	153.1	92.6	167.5	135	1,255	
2000	815.4	640.6	374.3	264.9	165.6	100.7	174.9	142	1,240	
Annual rates										
2000: May	814.0	640.6	376.8	270.5	165.2	98.6	173.4	141	.....	
June	802.7	634.5	371.0	266.5	165.5	98.0	168.2	146	.....	
July	792.3	627.7	364.1	260.3	166.6	97.0	164.5	139	.....	
Aug	804.0	630.7	364.0	258.7	167.7	98.9	173.3	139	.....	
Sept	815.4	638.9	364.4	257.4	169.0	105.5	176.6	143	.....	
Oct	820.8	644.8	370.3	257.5	169.9	104.7	176.0	151	.....	
Nov	826.7	651.1	374.3	259.9	169.7	107.1	175.7	143	.....	
Dec	838.7	660.8	379.6	263.5	172.3	109.0	177.9	140	.....	
2001: Jan	867.1	673.7	386.1	269.1	177.2	110.4	193.3	152	.....	
Feb	876.2	681.8	398.9	275.4	173.9	109.1	194.3	148	.....	
Mar	876.1	681.2	395.1	273.9	178.7	107.4	194.9	138	.....	
Apr	879.2	674.0	395.1	275.1	171.8	107.1	205.2	142	.....	
May	881.6	667.5	396.2	277.9	163.7	107.6	214.1	139	.....	

<sup>1</sup> Includes residential improvements, not shown separately.

<sup>2</sup> Includes hotels and motels.

<sup>3</sup> F.W. Dodge series.

Note.—New construction expenditures series reflects annual revisions; data revised beginning 1993.

Sources: Department of Commerce (Bureau of the Census) and The McGraw-Hill Companies, Inc., F.W. Dodge Division.

## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or houses, except as noted]

Period	New private housing units						New private houses		Vacancy rate for rental housing units (percent) <sup>3</sup>
	Units started, by type of structure				Units authorized	Units completed	Houses sold	Houses for sale at end of period <sup>2</sup>	
	Total	1 unit	2-4 units <sup>1</sup>	5 units or more					
1991	1,013.9	840.4	35.6	137.9	948.8	1,090.8	509	284	7.4
1992	1,199.7	1,029.9	30.7	139.0	1,094.9	1,157.5	610	265	7.4
1993	1,287.6	1,125.7	29.4	132.6	1,199.1	1,192.7	666	293	7.3
1994	1,457.0	1,198.4	35.0	223.5	1,371.6	1,346.9	670	336	7.4
1995	1,354.1	1,076.2	33.7	244.1	1,332.5	1,312.6	667	370	7.6
1996	1,476.8	1,160.9	45.2	270.8	1,425.6	1,412.9	757	322	7.8
1997	1,474.0	1,133.7	44.5	295.8	1,441.1	1,400.5	804	281	7.7
1998	1,616.9	1,271.4	42.6	302.9	1,612.3	1,474.2	886	294	7.9
1999	1,640.9	1,302.4	31.9	306.6	1,663.5	1,604.9	880	308	8.1
2000	1,568.7	1,230.9	38.7	299.1	1,592.3	1,573.7	877	297	8.0
Seasonally adjusted annual rates									
2000: May	1,573	1,228	22	323	1,540	1,675	853	304	.....
June	1,560	1,199	56	305	1,566	1,532	793	307	8.0
July	1,477	1,148	49	280	1,534	1,489	881	304	.....
Aug	1,531	1,228	48	255	1,544	1,583	839	304	.....
Sept	1,508	1,196	36	276	1,549	1,526	902	301	8.2
Oct	1,527	1,218	38	271	1,562	1,509	922	301	.....
Nov	1,559	1,209	44	306	1,614	1,548	882	304	.....
Dec	1,532	1,236	37	259	1,553	1,527	1,001	297	7.8
2001: Jan	1,666	1,336	40	290	1,724	1,424	938	295	.....
Feb	1,623	1,288	25	310	1,663	1,531	959	295	.....
Mar	1,592	1,208	45	339	1,627	1,478	964	286	8.2
Apr	1,629	1,293	38	298	1,587	1,549	921	287	.....
May	1,622	1,291	31	300	1,621	1,484	928	289	.....

<sup>1</sup> Derived; seasonally adjusted monthly data for 2-4 housing units started are no longer published.

<sup>2</sup> Seasonally adjusted.

<sup>3</sup> Revised series beginning 1994; data for 1993 reflect the revision. Quarterly data entered in last month of quarter.

Note.—Beginning 1994, units authorized are for 19,000 places. For other data shown, units

authorized are for 17,000 places.

Beginning 1999, housing starts, completions, and sales are not directly comparable with earlier data due to new estimation methods.

Source: Department of Commerce, Bureau of the Census.

## NEW CONSTRUCTION

[Monthly data seasonally adjusted]

Period	Total new construction expenditures	Private						Federal and State and local	Construction contracts <sup>3</sup>	
		Total	Residential		Commercial and industrial <sup>2</sup>	Other	Total value index (1996=100)		Commercial and industrial floor space (millions of square feet)	
			Total <sup>1</sup>	New housing units						
Billions of dollars										
1991 .....	432.6	322.5	166.3	114.6	93.7	62.6	110.1	70	577	
1992 .....	463.7	347.8	199.4	135.1	82.2	66.2	115.8	76	556	
1993 .....	491.0	375.1	225.1	150.9	81.5	68.5	116.0	82	589	
1994 .....	539.2	419.0	258.6	176.4	93.3	67.1	120.2	89	744	
1995 .....	557.8	427.9	247.4	171.4	110.9	69.7	129.9	92	862	
1996 .....	615.9	476.6	281.1	191.1	125.2	70.4	139.3	100	875	
1997 .....	653.4	502.7	289.0	198.1	136.6	77.1	150.7	109	1,027	
1998 .....	704.7	551.4	314.6	224.0	151.1	85.7	153.3	122	1,223	
1999 .....	763.8	596.3	350.6	251.3	153.1	92.6	167.5	135	1,255	
2000 .....	815.4	640.6	374.3	264.9	165.6	100.7	174.9	142	1,240	
Annual rates										
2000: June .....	802.7	634.5	371.0	266.5	165.5	98.0	168.2	146	.....	
July .....	792.3	627.7	364.1	260.3	166.6	97.0	164.5	139	.....	
Aug .....	804.0	630.7	364.0	258.7	167.7	98.9	173.3	139	.....	
Sept .....	815.4	638.9	364.4	257.4	169.0	105.5	176.6	143	.....	
Oct .....	820.8	644.8	370.3	257.5	169.9	104.7	176.0	151	.....	
Nov .....	826.7	651.1	374.3	259.9	169.7	107.1	175.7	143	.....	
Dec .....	838.7	660.8	379.6	263.5	172.3	109.0	177.9	140	.....	
2001: Jan .....	<sup>r</sup> 859.8	673.7	386.1	269.1	177.2	110.4	<sup>r</sup> 186.1	152	.....	
Feb .....	<sup>r</sup> 869.3	681.8	398.9	275.4	173.9	109.1	<sup>r</sup> 187.5	<sup>r</sup> 149	.....	
Mar .....	<sup>r</sup> 869.1	681.2	395.1	273.9	178.7	107.4	<sup>r</sup> 188.0	138	.....	
Apr <sup>r</sup> .....	868.7	674.9	392.9	274.6	175.0	106.9	193.8	141	.....	
May <sup>r</sup> .....	867.3	663.1	393.7	277.7	160.1	109.2	204.2	141	.....	
June <sup>p</sup> .....	861.6	658.6	390.9	277.8	161.9	105.8	203.0	147	.....	

<sup>1</sup> Includes residential improvements, not shown separately.

<sup>2</sup> Includes hotels and motels.

<sup>3</sup> F.W. Dodge series.

Sources: Department of Commerce (Bureau of the Census) and The McGraw-Hill Companies, Inc., F.W. Dodge Division.

## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or houses, except as noted]

Period	New private housing units					New private houses			Vacancy rate for rental housing units (percent) <sup>3</sup>
	Units started, by type of structure				Units authorized	Units completed	Houses sold	Houses for sale at end of period <sup>2</sup>	
	Total	1 unit	2-4 units <sup>1</sup>	5 units or more					
1991 .....	1,013.9	840.4	35.6	137.9	948.8	1,090.8	509	284	7.4
1992 .....	1,199.7	1,029.9	30.7	139.0	1,094.9	1,157.5	610	265	7.4
1993 .....	1,287.6	1,125.7	29.4	132.6	1,199.1	1,192.7	666	293	<sup>3</sup> 7.3
1994 .....	1,457.0	1,198.4	35.0	223.5	1,371.6	1,346.9	670	336	7.4
1995 .....	1,354.1	1,076.2	33.7	244.1	1,332.5	1,312.6	667	370	7.6
1996 .....	1,476.8	1,160.9	45.2	270.8	1,425.6	1,412.9	757	322	7.8
1997 .....	1,474.0	1,133.7	44.5	295.8	1,441.1	1,400.5	804	281	7.7
1998 .....	1,616.9	1,271.4	42.6	302.9	1,612.3	1,474.2	886	294	7.9
1999 .....	1,640.9	1,302.4	31.9	306.6	1,663.5	1,604.9	880	308	8.1
2000 .....	1,568.7	1,230.9	38.7	299.1	1,592.3	1,573.7	877	297	8.0
Seasonally adjusted annual rates									
2000: June .....	1,560	1,199	56	305	1,566	1,532	793	307	8.0
July .....	1,477	1,148	49	280	1,534	1,489	881	304	.....
Aug .....	1,531	1,228	48	255	1,544	1,583	839	304	.....
Sept .....	1,508	1,196	36	276	1,549	1,526	902	301	8.2
Oct .....	1,527	1,218	38	271	1,562	1,509	922	301	.....
Nov .....	1,559	1,209	44	306	1,614	1,548	882	304	.....
Dec .....	1,532	1,236	37	259	1,553	1,527	1,001	297	7.8
2001: Jan .....	1,666	1,336	40	290	1,724	1,424	938	295	.....
Feb .....	1,623	1,288	25	310	1,663	1,531	959	295	.....
Mar .....	1,592	1,208	45	339	1,627	1,478	<sup>r</sup> 953	<sup>r</sup> 289	8.2
Apr <sup>r</sup> .....	1,626	1,295	42	289	1,587	1,569	905	290	.....
May <sup>r</sup> .....	1,610	1,286	26	298	1,621	1,494	907	290	.....
June <sup>p</sup> .....	1,658	1,304	57	297	1,587	1,632	922	292	8.3

<sup>1</sup> Derived; seasonally adjusted monthly data for 2-4 housing units started are no longer published.

<sup>2</sup> Seasonally adjusted.

<sup>3</sup> Revised series beginning 1994; data for 1993 reflect the revision. Quarterly data entered in last month of quarter.

NOTE.—Beginning 1994, units authorized are for 19,000 places. For other data shown, units

authorized are for 17,000 places.

Beginning 1999, housing starts, completions, and sales are not directly comparable with earlier data due to new estimation methods.

Source: Department of Commerce, Bureau of the Census.

## NEW CONSTRUCTION

[Monthly data seasonally adjusted]

Period	Total new construction expenditures	Private						Federal and State and local	Construction contracts <sup>3</sup>	
		Total	Residential		Commercial and industrial <sup>2</sup>	Other	Total value index (1996=100)		Commercial and industrial floor space (millions of square feet)	
			Total <sup>1</sup>	New housing units						
Billions of dollars										
1991 .....	432.6	322.5	166.3	114.6	93.7	62.6	110.1	70	577	
1992 .....	463.7	347.8	199.4	135.1	82.2	66.2	115.8	76	556	
1993 .....	491.0	375.1	225.1	150.9	81.5	68.5	116.0	82	589	
1994 .....	539.2	419.0	258.6	176.4	93.3	67.1	120.2	89	744	
1995 .....	557.8	427.9	247.4	171.4	110.9	69.7	129.9	92	862	
1996 .....	615.9	476.6	281.1	191.1	125.2	70.4	139.3	100	875	
1997 .....	653.4	502.7	289.0	198.1	136.6	77.1	150.7	109	1,027	
1998 .....	704.7	551.4	314.6	224.0	151.1	85.7	153.3	122	1,223	
1999 .....	763.8	596.3	350.6	251.3	153.1	92.6	167.5	135	1,255	
2000 .....	815.4	640.6	374.3	264.9	165.6	100.7	174.9	142	1,240	
Annual rates										
2000: July .....	792.3	627.7	364.1	260.3	166.6	97.0	164.5	r 141	.....	
Aug .....	804.0	630.7	364.0	258.7	167.7	98.9	173.3	139	.....	
Sept .....	815.4	638.9	364.4	257.4	169.0	105.5	176.6	143	.....	
Oct .....	820.8	644.8	370.3	257.5	169.9	104.7	176.0	151	.....	
Nov .....	826.7	651.1	374.3	259.9	169.7	107.1	175.7	r 144	.....	
Dec .....	838.7	660.8	379.6	263.5	172.3	109.0	177.9	140	.....	
2001: Jan .....	859.8	673.7	386.1	269.1	177.2	110.4	186.1	r 151	.....	
Feb .....	869.3	681.8	398.9	275.4	173.9	109.1	187.5	r 152	.....	
Mar .....	869.1	681.2	395.1	273.9	178.7	107.4	188.0	r 141	.....	
Apr .....	868.7	674.9	392.9	274.6	175.0	106.9	193.8	r 142	.....	
May <sup>r</sup> .....	868.5	669.2	394.6	279.1	165.3	109.3	199.3	141	.....	
June <sup>r</sup> .....	860.0	658.6	391.1	278.9	161.4	106.1	201.4	149	.....	
July <sup>p</sup> .....	859.4	656.1	388.5	280.3	162.9	104.7	203.3	142	.....	

<sup>1</sup> Includes residential improvements, not shown separately.

<sup>2</sup> Includes hotels and motels.

<sup>3</sup> F.W. Dodge series.

Sources: Department of Commerce (Bureau of the Census) and The McGraw-Hill Companies, Inc., F.W. Dodge Division.

## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or houses, except as noted]

Period	New private housing units					New private houses			Vacancy rate for rental housing units (percent) <sup>3</sup>
	Units started, by type of structure				Units authorized	Units completed	Houses sold	Houses for sale at end of period <sup>2</sup>	
	Total	1 unit	2-4 units <sup>1</sup>	5 units or more					
1991 .....	1,013.9	840.4	35.6	137.9	948.8	1,090.8	509	284	7.4
1992 .....	1,199.7	1,029.9	30.7	139.0	1,094.9	1,157.5	610	265	7.4
1993 .....	1,287.6	1,125.7	29.4	132.6	1,199.1	1,192.7	666	293	7.3
1994 .....	1,457.0	1,198.4	35.0	223.5	1,371.6	1,346.9	670	336	7.4
1995 .....	1,354.1	1,076.2	33.7	244.1	1,332.5	1,312.6	667	370	7.6
1996 .....	1,476.8	1,160.9	45.2	270.8	1,425.6	1,412.9	757	322	7.8
1997 .....	1,474.0	1,133.7	44.5	295.8	1,441.1	1,400.5	804	281	7.7
1998 .....	1,616.9	1,271.4	42.6	302.9	1,612.3	1,474.2	886	294	7.9
1999 .....	1,640.9	1,302.4	31.9	306.6	1,663.5	1,604.9	880	308	8.1
2000 .....	1,568.7	1,230.9	38.7	299.1	1,592.3	1,573.7	877	297	8.0
Seasonally adjusted annual rates									
2000: July .....	1,477	1,148	49	280	1,534	1,489	881	304	.....
Aug .....	1,531	1,228	48	255	1,544	1,583	839	304	.....
Sept .....	1,508	1,196	36	276	1,549	1,526	902	301	8.2
Oct .....	1,527	1,218	38	271	1,562	1,509	922	301	.....
Nov .....	1,559	1,209	44	306	1,614	1,548	882	304	.....
Dec .....	1,532	1,236	37	259	1,553	1,527	1,001	297	7.8
2001: Jan .....	1,666	1,336	40	290	1,724	1,424	938	295	.....
Feb .....	1,623	1,288	25	310	1,663	1,531	959	295	.....
Mar .....	1,592	1,208	45	339	1,627	1,478	953	289	8.2
Apr .....	1,626	1,295	42	289	1,587	1,569	r 899	r 293	.....
May <sup>r</sup> .....	1,610	1,285	29	296	1,621	1,499	881	294	.....
June <sup>r</sup> .....	1,627	1,285	51	291	1,587	1,626	906	298	8.3
July <sup>p</sup> .....	1,672	1,304	35	333	1,571	1,525	950	299	.....

<sup>1</sup> Derived; seasonally adjusted monthly data for 2-4 housing units started are no longer published.

<sup>2</sup> Seasonally adjusted.

<sup>3</sup> Revised series beginning 1994; data for 1993 reflect the revision. Quarterly data entered in last month of quarter.

NOTE.—Beginning 1994, units authorized are for 19,000 places. For other data shown, units

authorized are for 17,000 places.

Beginning 1999, housing starts, completions, and sales are not directly comparable with earlier data due to new estimation methods.

Source: Department of Commerce, Bureau of the Census.

## NEW CONSTRUCTION

[Monthly data seasonally adjusted]

Period	Total new construction expenditures	Private						Federal and State and local	Construction contracts <sup>3</sup>	
		Total	Residential		Commercial and industrial <sup>2</sup>	Other	Total value index (1996=100)		Commercial and industrial floor space (millions of square feet)	
			Total <sup>1</sup>	New housing units						
Billions of dollars										
1991	432.6	322.5	166.3	114.6	93.7	62.6	110.1	70	577	
1992	463.7	347.8	199.4	135.1	82.2	66.2	115.8	76	556	
1993	491.0	375.1	225.1	150.9	81.5	68.5	116.0	82	589	
1994	539.2	419.0	258.6	176.4	93.3	67.1	120.2	89	744	
1995	557.8	427.9	247.4	171.4	110.9	69.7	129.9	92	862	
1996	615.9	476.6	281.1	191.1	125.2	70.4	139.3	100	875	
1997	653.4	502.7	289.0	198.1	136.6	77.1	150.7	109	1,027	
1998	704.7	551.4	314.6	224.0	151.1	85.7	153.3	122	1,223	
1999	763.8	596.3	350.6	251.3	153.1	92.6	167.5	135	1,255	
2000	815.4	640.6	374.3	264.9	165.6	100.7	174.9	142	1,240	
Annual rates										
2000: Aug	804.0	630.7	364.0	258.7	167.7	98.9	173.3	139	.....	
Sept	815.4	638.9	364.4	257.4	169.0	105.5	176.6	143	.....	
Oct	820.8	644.8	370.3	257.5	169.9	104.7	176.0	151	.....	
Nov	826.7	651.1	374.3	259.9	169.7	107.1	175.7	144	.....	
Dec	838.7	660.8	379.6	263.5	172.3	109.0	177.9	140	.....	
2001: Jan	859.8	673.7	386.1	269.1	177.2	110.4	186.1	151	.....	
Feb	869.3	681.8	398.9	275.4	173.9	109.1	187.5	152	.....	
Mar	869.1	681.2	395.1	273.9	178.7	107.4	188.0	141	.....	
Apr <sup>r</sup>	870.8	677.4	392.2	274.7	174.5	110.8	193.4	142	.....	
May <sup>r</sup>	869.6	670.8	394.3	278.8	165.1	111.5	198.7	141	.....	
June <sup>r</sup>	861.6	665.3	391.5	278.5	164.8	109.1	196.2	149	.....	
July <sup>r</sup>	854.6	653.3	388.9	279.3	159.2	105.2	201.3	142	.....	
Aug <sup>p</sup>	845.5	644.3	387.3	278.6	152.1	104.8	201.2	.....	.....	

<sup>1</sup> Includes residential improvements, not shown separately.

<sup>2</sup> Includes hotels and motels.

<sup>3</sup> F.W. Dodge series.

Sources: Department of Commerce (Bureau of the Census) and The McGraw-Hill Companies, Inc., F.W. Dodge Division.

## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or houses, except as noted]

Period	New private housing units					New private houses			Vacancy rate for rental housing units (percent) <sup>3</sup>
	Units started, by type of structure				Units authorized	Units completed	Houses sold	Houses for sale at end of period <sup>2</sup>	
	Total	1 unit	2-4 units <sup>1</sup>	5 units or more					
1991	1,013.9	840.4	35.6	137.9	948.8	1,090.8	509	284	7.4
1992	1,199.7	1,029.9	30.7	139.0	1,094.9	1,157.5	610	265	7.4
1993	1,287.6	1,125.7	29.4	132.6	1,199.1	1,192.7	666	293	7.3
1994	1,457.0	1,198.4	35.0	223.5	1,371.6	1,346.9	670	336	7.4
1995	1,354.1	1,076.2	33.7	244.1	1,332.5	1,312.6	667	370	7.6
1996	1,476.8	1,160.9	45.2	270.8	1,425.6	1,412.9	757	322	7.8
1997	1,474.0	1,133.7	44.5	295.8	1,441.1	1,400.5	804	281	7.7
1998	1,616.9	1,271.4	42.6	302.9	1,612.3	1,474.2	886	294	7.9
1999	1,640.9	1,302.4	31.9	306.6	1,663.5	1,604.9	880	308	8.1
2000	1,568.7	1,230.9	38.7	299.1	1,592.3	1,573.7	877	297	8.0
Seasonally adjusted annual rates									
2000: Aug	1,531	1,228	48	255	1,544	1,583	839	304	.....
Sept	1,508	1,196	36	276	1,549	1,526	902	301	8.2
Oct	1,527	1,218	38	271	1,562	1,509	922	301	.....
Nov	1,559	1,209	44	306	1,614	1,548	882	304	.....
Dec	1,532	1,236	37	259	1,553	1,527	1,001	297	7.8
2001: Jan	1,666	1,336	40	290	1,724	1,424	938	295	.....
Feb	1,623	1,288	25	310	1,663	1,531	959	295	.....
Mar	1,592	1,208	45	339	1,627	1,478	953	289	8.2
Apr	1,626	1,295	42	289	1,587	1,569	899	293	.....
May	1,610	1,285	29	296	1,621	1,499	882	296	.....
June <sup>r</sup>	1,634	1,292	54	288	1,587	1,643	886	301	8.3
July <sup>r</sup>	1,641	1,278	37	326	1,571	1,574	893	305	.....
Aug <sup>p</sup>	1,527	1,247	28	252	1,571	1,577	898	307	.....

<sup>1</sup> Derived; seasonally adjusted monthly data for 2-4 housing units started are no longer published.

<sup>2</sup> Seasonally adjusted.

<sup>3</sup> Revised series beginning 1994; data for 1993 reflect the revision. Quarterly data entered in last month of quarter.

NOTE.—Beginning 1994, units authorized are for 19,000 places. For other data shown, units

authorized are for 17,000 places.

Beginning 1999, housing starts, completions, and sales are not directly comparable with earlier data due to new estimation methods.

Source: Department of Commerce, Bureau of the Census.

## NEW CONSTRUCTION

[Monthly data seasonally adjusted]

Period	Total new construction expenditures	Private						Federal and State and local	Construction contracts <sup>3</sup>	
		Total	Residential		Commercial and industrial <sup>2</sup>	Other	Total value index (1996=100)		Commercial and industrial floor space (millions of square feet)	
			Total <sup>1</sup>	New housing units						
<b>Billions of dollars</b>										
1991	432.6	322.5	166.3	114.6	93.7	62.6	110.1	70	577	
1992	463.7	347.8	199.4	135.1	82.2	66.2	115.8	76	556	
1993	491.0	375.1	225.1	150.9	81.5	68.5	116.0	82	589	
1994	539.2	419.0	258.6	176.4	93.3	67.1	120.2	89	744	
1995	557.8	427.9	247.4	171.4	110.9	69.7	129.9	92	862	
1996	615.9	476.6	281.1	191.1	125.2	70.4	139.3	100	875	
1997	653.4	502.7	289.0	198.1	136.6	77.1	150.7	109	1,027	
1998	704.7	551.4	314.6	224.0	151.1	85.7	153.3	122	1,223	
1999	763.8	596.3	350.6	251.3	153.1	92.6	167.5	135	1,255	
2000	815.4	640.6	374.3	264.9	165.6	100.7	174.9	142	1,240	
<b>Annual rates</b>										
2000: Sept	815.4	638.9	364.4	257.4	169.0	105.5	176.6	143	.....	
Oct	820.8	644.8	370.3	257.5	169.9	104.7	176.0	151	.....	
Nov	826.7	651.1	374.3	259.9	169.7	107.1	175.7	144	.....	
Dec	838.7	660.8	379.6	263.5	172.3	109.0	177.9	140	.....	
2001: Jan	859.8	673.7	386.1	269.1	177.2	110.4	186.1	151	.....	
Feb	869.3	681.8	398.9	275.4	173.9	109.1	187.5	152	.....	
Mar	869.1	681.2	395.1	273.9	178.7	107.4	188.0	141	.....	
Apr	870.8	677.4	392.2	274.7	174.5	110.8	193.4	142	.....	
May	869.6	670.8	394.3	278.8	165.1	111.5	198.7	141	.....	
June	861.6	665.3	391.5	278.5	164.8	109.1	196.2	149	.....	
July <sup>r</sup>	856.7	661.1	390.5	280.0	163.3	105.4	195.5	142	.....	
Aug <sup>r</sup>	846.1	646.4	389.9	280.0	151.6	104.9	199.7	.....	.....	
Sept <sup>p</sup>	843.1	641.0	385.4	278.3	150.9	104.7	202.1	.....	.....	

<sup>1</sup> Includes residential improvements, not shown separately.  
<sup>2</sup> Includes hotels and motels.  
<sup>3</sup> F.W. Dodge series.

Sources: Department of Commerce (Bureau of the Census) and The McGraw-Hill Companies, Inc., F.W. Dodge Division.

## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or houses, except as noted]

Period	New private housing units					New private houses			Vacancy rate for rental housing units (percent) <sup>3</sup>
	Units started, by type of structure				Units authorized	Units completed	Houses sold	Houses for sale at end of period <sup>2</sup>	
	Total	1 unit	2-4 units <sup>1</sup>	5 units or more					
1991	1,013.9	840.4	35.6	137.9	948.8	1,090.8	509	284	7.4
1992	1,199.7	1,029.9	30.7	139.0	1,094.9	1,157.5	610	265	7.4
1993	1,287.6	1,125.7	29.4	132.6	1,199.1	1,192.7	666	293	7.3
1994	1,457.0	1,198.4	35.0	223.5	1,371.6	1,346.9	670	336	7.4
1995	1,354.1	1,076.2	33.7	244.1	1,332.5	1,312.6	667	370	7.6
1996	1,476.8	1,160.9	45.2	270.8	1,425.6	1,412.9	757	322	7.8
1997	1,474.0	1,133.7	44.5	295.8	1,441.1	1,400.5	804	281	7.7
1998	1,616.9	1,271.4	42.6	302.9	1,612.3	1,474.2	886	294	7.9
1999	1,640.9	1,302.4	31.9	306.6	1,663.5	1,604.9	880	308	8.1
2000	1,568.7	1,230.9	38.7	299.1	1,592.3	1,573.7	877	297	8.0
<b>Seasonally adjusted annual rates</b>									
2000: Sept	1,508	1,196	36	276	1,549	1,526	902	301	8.2
Oct	1,527	1,218	38	271	1,562	1,509	922	301	.....
Nov	1,559	1,209	44	306	1,614	1,548	882	304	.....
Dec	1,532	1,236	37	259	1,553	1,527	1,001	297	7.8
2001: Jan	1,666	1,336	40	290	1,724	1,424	938	295	.....
Feb	1,623	1,288	25	310	1,663	1,531	959	295	.....
Mar	1,592	1,208	45	339	1,627	1,478	953	289	8.2
Apr	1,626	1,295	42	289	1,587	1,569	899	293	.....
May	1,610	1,285	29	296	1,621	1,499	882	296	.....
June	1,634	1,292	54	288	1,587	1,643	889	301	8.3
July <sup>r</sup>	1,660	1,290	41	329	1,571	1,583	902	305	.....
Aug <sup>r</sup>	1,548	1,260	25	263	1,571	1,609	876	304	.....
Sept <sup>p</sup>	1,574	1,268	36	270	1,528	1,522	864	306	8.4

<sup>1</sup> Derived; seasonally adjusted monthly data for 2-4 housing units started are no longer published.

<sup>2</sup> Seasonally adjusted.

<sup>3</sup> Revised series beginning 1994; data for 1993 reflect the revision. Quarterly data entered in last month of quarter.

NOTE.—Beginning 1994, units authorized are for 19,000 places. For other data shown, units

authorized are for 17,000 places.

Beginning 1999, housing starts, completions, and sales are not directly comparable with earlier data due to new estimation methods.

Source: Department of Commerce, Bureau of the Census.

## NEW CONSTRUCTION

[Monthly data seasonally adjusted]

Period	Total new construction expenditures	Private						Federal and State and local	Construction contracts <sup>3</sup>	
		Total	Residential		Commercial and industrial <sup>2</sup>	Other	Total value index (1996=100)		Commercial and industrial floor space (millions of square feet)	
			Total <sup>1</sup>	New housing units						
Billions of dollars										
1991	432.6	322.5	166.3	114.6	93.7	62.6	110.1	70	577	
1992	463.7	347.8	199.4	135.1	82.2	66.2	115.8	76	556	
1993	491.0	375.1	225.1	150.9	81.5	68.5	116.0	82	589	
1994	539.2	419.0	258.6	176.4	93.3	67.1	120.2	89	744	
1995	557.8	427.9	247.4	171.4	110.9	69.7	129.9	92	862	
1996	615.9	476.6	281.1	191.1	125.2	70.4	139.3	100	875	
1997	653.4	502.7	289.0	198.1	136.6	77.1	150.7	109	1,027	
1998	704.7	551.4	314.6	224.0	151.1	85.7	153.3	122	1,223	
1999	763.8	596.3	350.6	251.3	153.1	92.6	167.5	135	1,255	
2000	815.4	640.6	374.3	264.9	165.6	100.7	174.9	142	1,240	
Annual rates										
2000: Oct	820.8	644.8	370.3	257.5	169.9	104.7	176.0	151	.....	
Nov	826.7	651.1	374.3	259.9	169.7	107.1	175.7	144	.....	
Dec	838.7	660.8	379.6	263.5	172.3	109.0	177.9	140	.....	
2001: Jan	859.8	673.7	386.1	269.1	177.2	110.4	186.1	151	.....	
Feb	869.3	681.8	398.9	275.4	173.9	109.1	187.5	152	.....	
Mar	869.1	681.2	395.1	273.9	178.7	107.4	188.0	141	.....	
Apr	870.8	677.4	392.2	274.7	174.5	110.8	193.4	142	.....	
May	869.6	670.8	394.3	278.8	165.1	111.5	198.7	141	.....	
June	861.6	665.3	391.5	278.5	164.8	109.1	196.2	149	.....	
July	856.7	661.1	390.5	280.0	165.3	105.4	195.5	142	.....	
Aug <sup>r</sup>	852.8	659.8	397.0	280.5	156.9	105.9	192.9	.....	.....	
Sept <sup>r</sup>	847.2	648.8	393.6	280.2	151.6	103.6	198.4	.....	.....	
Oct <sup>p</sup>	863.5	658.3	398.6	281.6	153.0	106.6	205.2	.....	.....	

<sup>1</sup> Includes residential improvements, not shown separately.

<sup>2</sup> Includes hotels and motels.

<sup>3</sup> F.W. Dodge series.

Sources: Department of Commerce (Bureau of the Census) and The McGraw-Hill Companies, Inc., F.W. Dodge Division.

## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or houses, except as noted]

Period	New private housing units						New private houses		Vacancy rate for rental housing units (percent) <sup>3</sup>
	Units started, by type of structure				Units authorized	Units completed	Houses sold	Houses for sale at end of period <sup>2</sup>	
	Total	1 unit	2-4 units <sup>1</sup>	5 units or more					
1991	1,013.9	840.4	35.6	137.9	948.8	1,090.8	509	284	7.4
1992	1,199.7	1,029.9	30.7	139.0	1,094.9	1,157.5	610	265	7.4
1993	1,287.6	1,125.7	29.4	132.6	1,199.1	1,192.7	666	293	7.3
1994	1,457.0	1,198.4	35.0	223.5	1,371.6	1,346.9	670	336	7.4
1995	1,354.1	1,076.2	33.7	244.1	1,332.5	1,312.6	667	370	7.6
1996	1,476.8	1,160.9	45.2	270.8	1,425.6	1,412.9	757	322	7.8
1997	1,474.0	1,133.7	44.5	295.8	1,441.1	1,400.5	804	281	7.7
1998	1,616.9	1,271.4	42.6	302.9	1,612.3	1,474.2	886	294	7.9
1999	1,640.9	1,302.4	31.9	306.6	1,663.5	1,604.9	880	308	8.1
2000	1,568.7	1,230.9	38.7	299.1	1,592.3	1,573.7	877	297	8.0
Seasonally adjusted annual rates									
2000: Oct	1,527	1,218	38	271	1,562	1,509	922	301	.....
Nov	1,559	1,209	44	306	1,614	1,548	882	304	.....
Dec	1,532	1,236	37	259	1,553	1,527	1,001	297	7.8
2001: Jan	1,666	1,336	40	290	1,724	1,424	938	295	.....
Feb	1,623	1,288	25	310	1,663	1,531	959	295	.....
Mar	1,592	1,208	45	339	1,627	1,478	953	289	8.2
Apr	1,626	1,295	42	289	1,587	1,569	899	293	.....
May	1,610	1,285	29	296	1,621	1,499	882	296	.....
June	1,634	1,292	54	288	1,587	1,643	889	301	8.3
July	1,660	1,290	41	329	1,571	1,583	877	307	.....
Aug <sup>r</sup>	1,559	1,271	27	261	1,571	1,620	869	308	.....
Sept <sup>r</sup>	1,572	1,257	45	270	1,528	1,539	878	309	8.4
Oct <sup>p</sup>	1,552	1,242	35	275	1,485	1,559	880	310	.....

<sup>1</sup> Derived; seasonally adjusted monthly data for 2-4 housing units started are no longer published.

<sup>2</sup> Seasonally adjusted.

<sup>3</sup> Revised series beginning 1994; data for 1993 reflect the revision. Quarterly data entered in last month of quarter.

NOTE.—Beginning 1994, units authorized are for 19,000 places. For other data shown, units

authorized are for 17,000 places.

Beginning 1999, housing starts, completions, and sales are not directly comparable with earlier data due to new estimation methods.

Source: Department of Commerce, Bureau of the Census.

## NEW CONSTRUCTION

[Monthly data seasonally adjusted]

Period	Total new construction expenditures	Private						Federal and State and local	Construction contracts <sup>3</sup>	
		Total	Residential		Commercial and industrial <sup>2</sup>	Other	Total value index (1996=100)		Commercial and industrial floor space (millions of square feet)	
			Total <sup>1</sup>	New housing units						
Billions of dollars										
1991	432.6	322.5	166.3	114.6	93.7	62.6	110.1	70	577	
1992	463.7	347.8	199.4	135.1	82.2	66.2	115.8	76	556	
1993	491.0	375.1	225.1	150.9	81.5	68.5	116.0	82	589	
1994	539.2	419.0	258.6	176.4	93.3	67.1	120.2	89	744	
1995	557.8	427.9	247.4	171.4	110.9	69.7	129.9	92	862	
1996	615.9	476.6	281.1	191.1	125.2	70.4	139.3	100	875	
1997	653.4	502.7	289.0	198.1	136.6	77.1	150.7	109	1,027	
1998	704.7	551.4	314.6	224.0	151.1	85.7	153.3	122	1,223	
1999	763.8	596.3	350.6	251.3	153.1	92.6	167.5	135	1,255	
2000	815.4	640.6	374.3	264.9	165.6	100.7	174.9	142	1,240	
Annual rates										
2000: Oct	820.8	644.8	370.3	257.5	169.9	104.7	176.0	151	.....	
Nov	826.7	651.1	374.3	259.9	169.7	107.1	175.7	144	.....	
Dec	838.7	660.8	379.6	263.5	172.3	109.0	177.9	140	.....	
2001: Jan	859.8	673.7	386.1	269.1	177.2	110.4	186.1	151	.....	
Feb	869.3	681.8	398.9	275.4	173.9	109.1	187.5	152	.....	
Mar	869.1	681.2	395.1	273.9	178.7	107.4	188.0	141	.....	
Apr	870.8	677.4	392.2	274.7	174.5	110.8	193.4	142	.....	
May	869.6	670.8	394.3	278.8	165.1	111.5	198.7	141	.....	
June	861.6	665.3	391.5	278.5	164.8	109.1	196.2	149	.....	
July	856.7	661.1	390.5	280.0	163.3	105.4	195.5	142	.....	
Aug	852.8	659.8	397.0	280.5	156.9	105.9	192.9	.....	.....	
Sept	847.2	648.8	393.6	280.2	151.6	103.6	198.4	.....	.....	
Oct <sup>p</sup>	863.5	658.3	398.6	281.6	153.0	106.6	205.2	.....	.....	

<sup>1</sup> Includes residential improvements, not shown separately.

<sup>2</sup> Includes hotels and motels.

<sup>3</sup> F.W. Dodge series.

Sources: Department of Commerce (Bureau of the Census) and The McGraw-Hill Companies, Inc., F.W. Dodge Division.

## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or houses, except as noted]

Period	New private housing units					New private houses			Vacancy rate for rental housing units (percent) <sup>3</sup>
	Units started, by type of structure				Units authorized	Units completed	Houses sold	Houses for sale at end of period <sup>2</sup>	
	Total	1 unit	2-4 units <sup>1</sup>	5 units or more					
1991	1,013.9	840.4	35.6	137.9	948.8	1,090.8	509	284	7.4
1992	1,199.7	1,029.9	30.7	139.0	1,094.9	1,157.5	610	265	7.4
1993	1,287.6	1,125.7	29.4	132.6	1,199.1	1,192.7	666	293	7.3
1994	1,457.0	1,198.4	35.0	223.5	1,371.6	1,346.9	670	336	7.4
1995	1,354.1	1,076.2	33.7	244.1	1,332.5	1,312.6	667	370	7.6
1996	1,476.8	1,160.9	45.2	270.8	1,425.6	1,412.9	757	322	7.8
1997	1,474.0	1,133.7	44.5	295.8	1,441.1	1,400.5	804	281	7.7
1998	1,616.9	1,271.4	42.6	302.9	1,612.3	1,474.2	886	294	7.9
1999	1,640.9	1,302.4	31.9	306.6	1,663.5	1,604.9	880	308	8.1
2000	1,568.7	1,230.9	38.7	299.1	1,592.3	1,573.7	877	297	8.0
Seasonally adjusted annual rates									
2000: Nov	1,559	1,209	44	306	1,614	1,548	882	304	.....
Dec	1,532	1,236	37	259	1,553	1,527	1,001	297	7.8
2001: Jan	1,666	1,336	40	290	1,724	1,424	938	295	.....
Feb	1,623	1,288	25	310	1,663	1,531	959	295	.....
Mar	1,592	1,208	45	339	1,627	1,478	953	289	8.2
Apr	1,626	1,295	42	289	1,587	1,569	899	293	.....
May	1,610	1,285	29	296	1,621	1,499	882	296	.....
June	1,634	1,292	54	288	1,587	1,643	889	301	8.3
July	1,660	1,290	41	329	1,571	1,583	877	307	.....
Aug	1,559	1,271	27	261	1,571	1,620	869	308	.....
Sept <sup>r</sup>	1,585	1,265	46	274	1,528	1,543	878	309	8.4
Oct <sup>r</sup>	1,521	1,222	33	266	1,485	1,543	880	310	.....
Nov <sup>p</sup>	1,645	1,261	38	346	1,564	1,518	.....	.....	.....

<sup>1</sup> Derived; seasonally adjusted monthly data for 2-4 housing units started are no longer published.

<sup>2</sup> Seasonally adjusted.

<sup>3</sup> Revised series beginning 1994; data for 1993 reflect the revision. Quarterly data entered in last month of quarter.

NOTE.—Beginning 1994, units authorized are for 19,000 places. For other data shown, units

authorized are for 17,000 places.

Beginning 1999, housing starts, completions, and sales are not directly comparable with earlier data due to new estimation methods.

Source: Department of Commerce, Bureau of the Census.

## NEW CONSTRUCTION

[Monthly data seasonally adjusted]

Period	Total new construction expenditures	Private						Federal and State and local	Construction contracts <sup>3</sup>	
		Total	Residential		Commercial and industrial <sup>2</sup>	Other	Total value index (1996=100)		Commercial and industrial floor space (millions of square feet)	
			Total <sup>1</sup>	New housing units						
Billions of dollars										
1992 .....	463.7	347.8	199.4	135.1	82.2	66.2	115.8	76	556	
1993 .....	491.0	375.1	225.1	150.9	81.5	68.5	116.0	82	589	
1994 .....	539.2	419.0	258.6	176.4	93.3	67.1	120.2	89	744	
1995 .....	557.8	427.9	247.4	171.4	110.9	69.7	129.9	92	862	
1996 .....	615.9	476.6	281.1	191.1	125.2	70.4	139.3	100	875	
1997 .....	653.4	502.7	289.0	198.1	136.6	77.1	150.7	109	1,027	
1998 .....	704.7	551.4	314.6	224.0	151.1	85.7	153.3	122	1,223	
1999 .....	763.8	596.3	350.6	251.3	153.1	92.6	167.5	135	1,255	
2000 .....	815.4	640.6	374.3	264.9	165.6	100.7	174.9	142	1,240	
2001 <sup>P</sup> .....	862.5	667.5	396.7	277.7	162.8	107.9	195.0	.....	.....	
Annual rates										
2000: Dec .....	838.7	660.8	379.6	263.5	172.3	109.0	177.9	140	.....	
2001: Jan .....	859.8	673.7	386.1	269.1	177.2	110.4	186.1	151	.....	
Feb .....	869.3	681.8	398.9	275.4	173.9	109.1	187.5	152	.....	
Mar .....	869.1	681.2	395.1	273.9	178.7	107.4	188.0	141	.....	
Apr .....	870.8	677.4	392.2	274.7	174.5	110.8	193.4	142	.....	
May .....	869.6	670.8	394.3	278.8	165.1	111.5	198.7	141	.....	
June .....	861.6	665.3	391.5	278.5	164.8	109.1	196.2	149	.....	
July <sup>r</sup> .....	863.7	667.8	395.7	280.0	165.5	106.6	196.0	142	.....	
Aug <sup>r</sup> .....	856.6	663.1	399.6	280.2	157.1	106.5	193.5	.....	.....	
Sept <sup>r</sup> .....	851.9	660.2	398.1	279.3	157.2	104.9	191.6	.....	.....	
Oct <sup>r</sup> .....	858.9	660.4	403.4	279.7	152.4	104.6	198.5	.....	.....	
Nov .....	861.8	655.0	399.6	279.2	147.5	107.9	206.8	.....	.....	
Dec <sup>P</sup> .....	863.6	657.2	402.2	280.5	145.6	109.3	206.4	.....	.....	

<sup>1</sup> Includes residential improvements, not shown separately.  
<sup>2</sup> Includes hotels and motels.  
<sup>3</sup> F.W. Dodge series.

Sources: Department of Commerce (Bureau of the Census) and The McGraw-Hill Companies, Inc., F.W. Dodge Division.

## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or houses, except as noted]

Period	New private housing units					New private houses			Vacancy rate for rental housing units (percent) <sup>3</sup>
	Units started, by type of structure				Units authorized	Units completed	Houses sold	Houses for sale at end of period <sup>2</sup>	
	Total	1 unit	2-4 units <sup>1</sup>	5 units or more					
1992 .....	1,199.7	1,029.9	30.9	139.0	1,094.9	1,157.5	610	265	7.4
1993 .....	1,287.6	1,125.7	29.4	132.6	1,199.1	1,192.7	666	293	7.3
1994 .....	1,457.0	1,198.4	35.2	223.5	1,371.6	1,346.9	670	336	7.4
1995 .....	1,354.1	1,076.2	33.8	244.1	1,332.5	1,312.6	667	370	7.6
1996 .....	1,476.8	1,160.9	45.3	270.8	1,425.6	1,412.9	757	322	7.8
1997 .....	1,474.0	1,133.7	44.5	295.8	1,441.1	1,400.5	804	281	7.7
1998 .....	1,616.9	1,271.4	42.6	302.9	1,612.3	1,474.2	886	294	7.9
1999 .....	1,640.9	1,302.4	31.9	306.6	1,663.5	1,604.9	880	308	8.1
2000 .....	1,568.7	1,230.9	38.7	299.1	1,592.3	1,573.7	877	297	8.0
2001 <sup>P</sup> .....	1,603.1	1,274.7	36.1	292.3	1,610.8	1,566.7	900	308	8.4
Seasonally adjusted annual rates									
2000: Dec .....	1,532	1,236	37	259	1,553	1,527	1,001	297	7.8
2001: Jan .....	1,666	1,336	40	290	1,724	1,424	938	295	.....
Feb .....	1,623	1,288	25	310	1,663	1,531	959	295	.....
Mar .....	1,592	1,208	45	339	1,627	1,478	953	289	8.2
Apr .....	1,626	1,295	42	289	1,587	1,569	899	293	.....
May .....	1,610	1,285	29	296	1,621	1,499	882	296	.....
June .....	1,634	1,292	54	288	1,587	1,643	889	301	8.3
July .....	1,660	1,290	41	329	1,571	1,583	877	307	.....
Aug .....	1,559	1,271	27	261	1,571	1,620	871	309	.....
Sept .....	1,585	1,265	46	274	1,528	1,543	854	310	8.4
Oct <sup>r</sup> .....	1,518	1,225	33	260	1,485	1,577	851	308	.....
Nov <sup>r</sup> .....	1,625	1,248	37	340	1,595	1,576	895	308	.....
Dec <sup>P</sup> .....	1,570	1,293	14	263	1,654	1,654	946	308	8.8

<sup>1</sup> Derived; seasonally adjusted monthly data for 2-4 housing units started are no longer published.  
<sup>2</sup> Seasonally adjusted.  
<sup>3</sup> Revised series beginning 1994; data for 1993 reflect the revision. Quarterly data entered in last month of quarter.  
 NOTE.—Beginning 1994, units authorized are for 19,000 places. For other data shown, units

authorized are for 17,000 places.  
 Beginning 1999, housing starts, completions, and sales are not directly comparable with earlier data due to new estimation methods.  
 Source: Department of Commerce, Bureau of the Census.

## NEW CONSTRUCTION

[Monthly data seasonally adjusted]

Period	Total new construction expenditures	Private						Federal and State and local	Construction contracts <sup>3</sup>	
		Total	Residential		Commercial and industrial <sup>2</sup>	Other	Total value index (1996=100)		Commercial and industrial floor space (millions of square feet)	
			Total <sup>1</sup>	New housing units						
Billions of dollars										
1992 .....	463.7	347.8	199.4	135.1	82.2	66.2	115.8	76	556	
1993 .....	491.0	375.1	225.1	150.9	81.5	68.5	116.0	82	589	
1994 .....	539.2	419.0	258.6	176.4	93.3	67.1	120.2	89	744	
1995 .....	557.8	427.9	247.4	171.4	110.9	69.7	129.9	92	862	
1996 .....	615.9	476.6	281.1	191.1	125.2	70.4	139.3	100	875	
1997 .....	653.4	502.7	289.0	198.1	136.6	77.1	150.7	109	1,027	
1998 .....	704.7	551.4	314.6	224.0	151.1	85.7	153.3	122	1,223	
1999 .....	763.8	596.3	350.6	251.3	153.1	92.6	167.5	135	1,255	
2000 .....	815.4	640.6	374.3	264.9	165.6	100.7	174.9	142	1,240	
2001 <sup>r</sup> .....	861.9	667.1	396.6	277.8	162.4	108.0	194.9	.....	.....	
Annual rates										
2001: Jan .....	859.8	673.7	386.1	269.1	177.2	110.4	186.1	151	.....	
Feb .....	869.3	681.8	398.9	275.4	173.9	109.1	187.5	152	.....	
Mar .....	869.1	681.2	395.1	273.9	178.7	107.4	188.0	141	.....	
Apr .....	870.8	677.4	392.2	274.7	174.5	110.8	193.4	142	.....	
May .....	869.6	670.8	394.3	278.8	165.1	111.5	198.7	141	.....	
June .....	861.6	665.3	391.5	278.5	164.8	109.1	196.2	149	.....	
July .....	863.7	667.8	395.7	280.0	165.5	106.6	196.0	142	.....	
Aug .....	856.6	663.1	399.6	280.2	157.1	106.5	193.5	.....	.....	
Sept .....	851.9	660.2	398.1	279.3	157.2	104.9	191.6	.....	.....	
Oct .....	858.9	660.4	403.4	279.7	152.4	104.6	198.5	.....	.....	
Nov <sup>r</sup> .....	859.8	655.1	399.7	279.3	147.3	108.1	204.8	.....	.....	
Dec <sup>r</sup> .....	864.0	653.2	401.8	282.1	141.4	110.1	210.8	.....	.....	
2002: Jan <sup>p</sup> .....	876.7	658.1	402.3	283.9	143.7	112.2	218.6	.....	.....	

<sup>1</sup> Includes residential improvements, not shown separately.

<sup>2</sup> Includes hotels and motels.

<sup>3</sup> F.W. Dodge series.

Sources: Department of Commerce (Bureau of the Census) and The McGraw-Hill Companies, Inc., F.W. Dodge Division.

## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or houses, except as noted]

Period	New private housing units						New private houses		Vacancy rate for rental housing units (percent) <sup>3</sup>
	Units started, by type of structure				Units authorized	Units completed	Houses sold	Houses for sale at end of period <sup>2</sup>	
	Total	1 unit	2-4 units <sup>1</sup>	5 units or more					
1992 .....	1,199.7	1,029.9	30.9	139.0	1,094.9	1,157.5	610	265	7.4
1993 .....	1,287.6	1,125.7	29.4	132.6	1,199.1	1,192.7	666	293	7.3
1994 .....	1,457.0	1,198.4	35.2	223.5	1,371.6	1,346.9	670	336	7.4
1995 .....	1,354.1	1,076.2	33.8	244.1	1,332.5	1,312.6	667	370	7.6
1996 .....	1,476.8	1,160.9	45.3	270.8	1,425.6	1,412.9	757	322	7.8
1997 .....	1,474.0	1,133.7	44.5	295.8	1,441.1	1,400.5	804	281	7.7
1998 .....	1,616.9	1,271.4	42.6	302.9	1,612.3	1,474.2	886	294	7.9
1999 .....	1,640.9	1,302.4	31.9	306.6	1,663.5	1,604.9	880	308	8.1
2000 .....	1,568.7	1,230.9	38.7	299.1	1,592.3	1,573.7	877	297	8.0
2001 <sup>r</sup> .....	1,601.8	1,273.3	36.4	292.2	1,610.8	1,570.4	906	307	8.4
Seasonally adjusted annual rates									
2001: Jan .....	1,666	1,336	40	290	1,724	1,424	938	295	.....
Feb .....	1,623	1,288	25	310	1,663	1,531	959	295	.....
Mar .....	1,592	1,208	45	339	1,627	1,478	953	289	8.2
Apr .....	1,626	1,295	42	289	1,587	1,569	899	293	.....
May .....	1,610	1,285	29	296	1,621	1,499	882	296	.....
June .....	1,634	1,292	54	288	1,587	1,643	889	301	8.3
July .....	1,660	1,290	41	329	1,571	1,583	877	307	.....
Aug .....	1,559	1,271	27	261	1,571	1,620	871	309	.....
Sept .....	1,585	1,265	46	274	1,528	1,543	854	310	8.4
Oct .....	1,518	1,225	33	260	1,485	1,577	860	308	.....
Nov <sup>r</sup> .....	1,616	1,244	39	333	1,595	1,574	938	308	.....
Dec <sup>r</sup> .....	1,579	1,299	15	265	1,654	1,699	966	307	8.8
2002: Jan <sup>p</sup> .....	1,678	1,345	46	287	1,721	1,564	823	310	.....

<sup>1</sup> Derived; seasonally adjusted monthly data for 2-4 housing units started are no longer published.

<sup>2</sup> Seasonally adjusted.

<sup>3</sup> Revised series beginning 1994; data for 1993 reflect the revision. Quarterly data entered in last month of quarter.

NOTE.—Beginning 1994, units authorized are for 19,000 places. For other data shown, units

authorized are for 17,000 places.

Beginning 1999, housing starts, completions, and sales are not directly comparable with earlier data due to new estimation methods.

Source: Department of Commerce, Bureau of the Census.

## NEW CONSTRUCTION

[Monthly data seasonally adjusted]

Period	Total new construction expenditures	Private						Federal and State and local	Construction contracts <sup>3</sup>	
		Total	Residential		Commercial and industrial <sup>2</sup>	Other	Total value index (1996=100)		Commercial and industrial floor space (millions of square feet)	
			Total <sup>1</sup>	New housing units						
Billions of dollars										
1992 .....	463.7	347.8	199.4	135.1	82.2	66.2	115.8	76	556	
1993 .....	491.0	375.1	225.1	150.9	81.5	68.5	116.0	82	589	
1994 .....	539.2	419.0	258.6	176.4	93.3	67.1	120.2	89	744	
1995 .....	557.8	427.9	247.4	171.4	110.9	69.7	129.9	92	862	
1996 .....	615.9	476.6	281.1	191.1	125.2	70.4	139.3	100	875	
1997 .....	653.4	502.7	289.0	198.1	136.6	77.1	150.7	109	1,027	
1998 .....	704.7	551.4	314.6	224.0	151.1	85.7	153.3	122	1,223	
1999 .....	763.8	596.3	350.6	251.3	153.1	92.6	167.5	135	1,255	
2000 .....	815.4	640.6	374.3	264.9	165.6	100.7	174.9	142	1,240	
2001 <sup>r</sup> .....	861.2	666.5	395.7	277.7	162.7	108.1	194.7	.....	.....	
Annual rates										
2001: Feb .....	869.3	681.8	398.9	275.4	173.9	109.1	187.5	152	.....	
Mar .....	869.1	681.2	395.1	273.9	178.7	107.4	188.0	141	.....	
Apr .....	870.8	677.4	392.2	274.7	174.5	110.8	193.4	142	.....	
May .....	869.6	670.8	394.3	278.8	165.1	111.5	198.7	141	.....	
June .....	861.6	665.3	391.5	278.5	164.8	109.1	196.2	149	.....	
July .....	863.7	667.8	395.7	280.0	165.5	106.6	196.0	142	.....	
Aug .....	856.6	663.1	399.6	280.2	157.1	106.5	193.5	.....	.....	
Sept .....	851.9	660.2	398.1	279.3	157.2	104.9	191.6	.....	.....	
Oct <sup>r</sup> .....	856.1	656.9	400.1	280.3	152.1	104.7	199.2	.....	.....	
Nov <sup>r</sup> .....	856.0	651.5	396.5	280.0	147.0	108.0	204.4	.....	.....	
Dec <sup>r</sup> .....	862.6	654.3	399.2	281.2	143.6	111.4	208.3	.....	.....	
2002: Jan <sup>r</sup> .....	869.7	649.9	402.8	286.2	139.9	107.1	219.8	.....	.....	
Feb <sup>r</sup> .....	879.4	660.7	416.7	293.4	134.8	109.2	218.8	.....	.....	

<sup>1</sup> Includes residential improvements, not shown separately.  
<sup>2</sup> Includes hotels and motels.  
<sup>3</sup> F.W. Dodge series.

Sources: Department of Commerce (Bureau of the Census) and The McGraw-Hill Companies, Inc., F.W. Dodge Division.

## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or houses, except as noted]

Period	New private housing units					New private houses			Vacancy rate for rental housing units (percent) <sup>3</sup>
	Units started, by type of structure				Units authorized	Units completed	Houses sold	Houses for sale at end of period <sup>2</sup>	
	Total	1 unit	2-4 units <sup>1</sup>	5 units or more					
1992 .....	1,199.7	1,029.9	30.9	139.0	1,094.9	1,157.5	610	265	7.4
1993 .....	1,287.6	1,125.7	29.4	132.6	1,199.1	1,192.7	666	293	7.3
1994 .....	1,457.0	1,198.4	35.2	223.5	1,371.6	1,346.9	670	336	7.4
1995 .....	1,354.1	1,076.2	33.8	244.1	1,332.5	1,312.6	667	370	7.6
1996 .....	1,476.8	1,160.9	45.3	270.8	1,425.6	1,412.9	757	322	7.8
1997 .....	1,474.0	1,133.7	44.5	295.8	1,441.1	1,400.5	804	281	7.7
1998 .....	1,616.9	1,271.4	42.6	302.9	1,612.3	1,474.2	886	294	7.9
1999 .....	1,640.9	1,302.4	31.9	306.6	1,663.5	1,604.9	880	308	8.1
2000 .....	1,568.7	1,230.9	38.7	299.1	1,592.3	1,573.7	877	297	8.0
2001 <sup>r</sup> .....	1,602.7	1,273.3	36.6	292.8	1,610.8	1,570.8	907	308	8.4
Seasonally adjusted annual rates									
2001: Feb .....	1,623	1,288	25	310	1,663	1,531	959	295	.....
Mar .....	1,592	1,208	45	339	1,627	1,478	953	289	8.2
Apr .....	1,626	1,295	42	289	1,587	1,569	899	293	.....
May .....	1,610	1,285	29	296	1,621	1,499	882	296	.....
June .....	1,634	1,292	54	288	1,587	1,643	889	301	8.3
July .....	1,660	1,290	41	329	1,571	1,583	877	307	.....
Aug .....	1,559	1,271	27	261	1,571	1,620	871	309	.....
Sept .....	1,585	1,265	46	274	1,528	1,543	854	310	8.4
Oct .....	1,518	1,225	33	260	1,485	1,577	860	308	.....
Nov .....	1,616	1,244	39	333	1,595	1,574	937	309	.....
Dec <sup>r</sup> .....	1,602	1,312	17	273	1,654	1,703	987	308	8.8
2002: Jan <sup>r</sup> .....	1,721	1,357	64	300	1,721	1,599	831	310	.....
Feb <sup>r</sup> .....	1,769	1,457	48	264	1,774	1,680	875	313	.....

<sup>1</sup> Derived; seasonally adjusted monthly data for 2-4 housing units started are no longer published.

<sup>2</sup> Seasonally adjusted.

<sup>3</sup> Revised series beginning 1994; data for 1993 reflect the revision. Quarterly data entered in last month of quarter.

NOTE.—Beginning 1994, units authorized are for 19,000 places. For other data shown, units

authorized are for 17,000 places.

Beginning 1999, housing starts, completions, and sales are not directly comparable with earlier data due to new estimation methods.

Source: Department of Commerce, Bureau of the Census.

## NEW CONSTRUCTION

[Monthly data seasonally adjusted]

Period	Total new construction expenditures	Private						Federal and State and local	Construction contracts <sup>3</sup>	
		Total	Residential		Commercial and industrial <sup>2</sup>	Other	Total value index (1996=100)		Commercial and industrial floor space (millions of square feet)	
			Total <sup>1</sup>	New housing units						
<b>Billions of dollars</b>										
1992 .....	463.7	347.8	199.4	135.1	82.2	66.2	115.8	76	556	
1993 .....	491.0	375.1	225.1	150.9	81.5	68.5	116.0	82	589	
1994 .....	539.2	419.0	258.6	176.4	93.3	67.1	120.2	89	744	
1995 .....	557.8	427.9	247.4	171.4	110.9	69.7	129.9	92	862	
1996 .....	615.9	476.6	281.1	191.1	125.2	70.4	139.3	100	875	
1997 .....	653.4	502.7	289.0	198.1	136.6	77.1	150.7	109	1,027	
1998 .....	704.7	551.4	314.6	224.0	151.1	85.7	153.3	122	1,223	
1999 .....	763.8	596.3	350.6	251.3	153.1	92.6	167.5	135	1,255	
2000 .....	815.4	640.6	374.3	264.9	165.6	100.7	174.9	142	1,240	
2001 .....	861.2	666.5	395.7	277.7	162.7	108.1	194.7	.....	.....	
<b>Annual rates</b>										
2001: Mar .....	869.1	681.2	395.1	273.9	178.7	107.4	188.0	141	.....	
Apr .....	870.8	677.4	392.2	274.7	174.5	110.8	193.4	142	.....	
May .....	869.6	670.8	394.3	278.8	165.1	111.5	198.7	141	.....	
June .....	861.6	665.3	391.5	278.5	164.8	109.1	196.2	149	.....	
July .....	863.7	667.8	395.7	280.0	165.5	106.6	196.0	142	.....	
Aug .....	856.6	663.1	399.6	280.2	157.1	106.5	193.5	.....	.....	
Sept .....	851.9	660.2	398.1	279.3	157.2	104.9	191.6	.....	.....	
Oct .....	856.1	656.9	400.1	280.3	152.1	104.7	199.2	.....	.....	
Nov .....	856.0	651.5	396.5	280.0	147.0	108.0	204.4	.....	.....	
Dec .....	862.6	654.3	399.2	281.2	143.6	111.4	208.3	.....	.....	
2002: Jan <sup>r</sup> .....	875.1	658.9	411.4	286.9	143.7	103.8	216.2	.....	.....	
Feb <sup>r</sup> .....	881.5	660.7	421.8	293.3	135.1	103.8	220.8	.....	.....	
Mar <sup>p</sup> .....	874.0	665.5	424.4	294.5	134.3	106.8	208.5	.....	.....	

<sup>1</sup> Includes residential improvements, not shown separately.  
<sup>2</sup> Includes hotels and motels.  
<sup>3</sup> F.W. Dodge series.

Sources: Department of Commerce (Bureau of the Census) and The McGraw-Hill Companies, Inc., F.W. Dodge Division.

## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or houses, except as noted]

Period	New private housing units						New private houses		Vacancy rate for rental housing units (percent) <sup>3</sup>
	Units started, by type of structure				Units authorized	Units completed	Houses sold	Houses for sale at end of period <sup>2</sup>	
	Total	1 unit	2-4 units <sup>1</sup>	5 units or more					
1992 .....	1,199.7	1,029.9	30.9	139.0	1,094.9	1,157.5	610	265	7.4
1993 .....	1,287.6	1,125.7	29.4	132.6	1,199.1	1,192.7	666	293	7.3
1994 .....	1,457.0	1,198.4	35.2	223.5	1,371.6	1,346.9	670	336	7.4
1995 .....	1,354.1	1,076.2	33.8	244.1	1,332.5	1,312.6	667	370	7.6
1996 .....	1,476.8	1,160.9	45.3	270.8	1,425.6	1,412.9	757	322	7.8
1997 .....	1,474.0	1,133.7	44.5	295.8	1,441.1	1,400.5	804	281	7.7
1998 .....	1,616.9	1,271.4	42.6	302.9	1,612.3	1,474.2	886	294	7.9
1999 .....	1,640.9	1,302.4	31.9	306.6	1,663.5	1,604.9	880	308	8.1
2000 .....	1,568.7	1,230.9	38.7	299.1	1,592.3	1,573.7	877	297	8.0
2001 .....	1,602.7	1,273.3	36.6	292.8	1,610.8	1,570.8	908	307	8.4
<b>Seasonally adjusted annual rates</b>									
2001: Mar .....	1,592	1,208	45	339	1,627	1,478	953	289	8.2
Apr .....	1,626	1,295	42	289	1,587	1,569	899	293	.....
May .....	1,610	1,285	29	296	1,621	1,499	882	296	.....
June .....	1,634	1,292	54	288	1,587	1,643	889	301	8.3
July .....	1,660	1,290	41	329	1,571	1,583	877	307	.....
Aug .....	1,559	1,271	27	261	1,571	1,620	871	309	.....
Sept .....	1,585	1,265	46	274	1,528	1,543	854	310	8.4
Oct .....	1,518	1,225	33	260	1,485	1,577	860	308	.....
Nov .....	1,616	1,244	39	333	1,595	1,574	937	309	.....
Dec .....	1,602	1,312	17	273	1,654	1,703	988	307	8.8
2002: Jan <sup>r</sup> .....	1,713	1,346	66	301	1,721	1,594	853	310	.....
Feb <sup>r</sup> .....	1,785	1,470	43	272	1,774	1,667	906	310	.....
Mar <sup>p</sup> .....	1,646	1,303	51	292	1,630	1,552	878	311	9.1

<sup>1</sup> Derived; seasonally adjusted monthly data for 2-4 housing units started are no longer published.  
<sup>2</sup> Seasonally adjusted.  
<sup>3</sup> Revised series beginning 1994; data for 1993 reflect the revision. Quarterly data entered in last month of quarter.

NOTE.—Beginning 1994, units authorized are for 19,000 places. For other data shown, units authorized are for 17,000 places.  
 Beginning 1999, housing starts, completions, and sales are not directly comparable with earlier data due to new estimation methods.

Source: Department of Commerce, Bureau of the Census.

## NEW CONSTRUCTION

[Monthly data seasonally adjusted]

Period	Total new construction expenditures	Private						Federal and State and local	Construction contracts <sup>3</sup>	
		Total	Residential		Commercial and industrial <sup>2</sup>	Other	Total value index (1996=100)		Commercial and industrial floor space (millions of square feet)	
			Total <sup>1</sup>	New housing units						
Billions of dollars										
1992 .....	463.7	347.8	199.4	135.1	82.2	66.2	115.8	76	556	
1993 .....	491.0	375.1	225.1	150.9	81.5	68.5	116.0	82	589	
1994 .....	539.2	419.0	258.6	176.4	93.3	67.1	120.2	89	744	
1995 .....	557.8	427.9	247.4	171.4	110.9	69.7	129.9	92	862	
1996 .....	615.9	476.6	281.1	191.1	125.2	70.4	139.3	100	875	
1997 .....	653.4	502.7	289.0	198.1	136.6	77.1	150.7	109	1,027	
1998 .....	704.7	551.4	314.6	224.0	151.1	85.7	153.3	122	1,223	
1999 .....	763.8	596.3	350.6	251.3	153.1	92.6	167.5	135	1,255	
2000 .....	815.4	640.6	374.3	264.9	165.6	100.7	174.9	142	1,240	
2001 .....	861.2	666.5	395.7	277.7	162.7	108.1	194.7	.....	.....	
Annual rates										
2001: Apr .....	870.8	677.4	392.2	274.7	174.5	110.8	193.4	142	.....	
May .....	869.6	670.8	394.3	278.8	165.1	111.5	198.7	141	.....	
June .....	861.6	665.3	391.5	278.5	164.8	109.1	196.2	149	.....	
July .....	863.7	667.8	395.7	280.0	163.5	106.6	196.0	142	.....	
Aug .....	856.6	663.1	399.6	280.2	157.1	106.5	193.5	.....	.....	
Sept .....	851.9	660.2	398.1	279.3	157.2	104.9	191.6	.....	.....	
Oct .....	856.1	656.9	400.1	280.3	152.1	104.7	199.2	.....	.....	
Nov .....	856.0	651.5	396.5	280.0	147.0	108.0	204.4	.....	.....	
Dec .....	862.6	654.3	399.2	281.2	143.6	111.4	208.3	.....	.....	
2002: Jan .....	875.1	658.9	411.4	286.9	143.7	103.8	216.2	.....	.....	
Feb <sup>r</sup> .....	881.1	662.4	418.1	293.8	139.5	104.8	218.6	.....	.....	
Mar <sup>r</sup> .....	870.5	661.7	422.4	294.9	135.4	103.9	208.8	.....	.....	
Apr <sup>r</sup> .....	871.9	665.5	425.5	296.4	136.7	103.2	206.5	.....	.....	

<sup>1</sup> Includes residential improvements, not shown separately.  
<sup>2</sup> Includes hotels and motels.  
<sup>3</sup> F.W. Dodge series.

Sources: Department of Commerce (Bureau of the Census) and The McGraw-Hill Companies, Inc., F.W. Dodge Division.

## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or houses, except as noted]

Period	New private housing units						New private houses		Vacancy rate for rental housing units (percent) <sup>3</sup>
	Units started, by type of structure				Units authorized	Units completed	Houses sold	Houses for sale at end of period <sup>2</sup>	
	Total	1 unit	2-4 units <sup>1</sup>	5 units or more					
1992 .....	1,199.7	1,029.9	30.9	139.0	1,094.9	1,157.5	610	265	7.4
1993 .....	1,287.6	1,125.7	29.4	132.6	1,199.1	1,192.7	666	293	7.3
1994 .....	1,457.0	1,198.4	35.2	223.5	1,371.6	1,346.9	670	336	7.4
1995 .....	1,354.1	1,076.2	33.8	244.1	1,332.5	1,312.6	667	370	7.6
1996 .....	1,476.8	1,160.9	45.3	270.8	1,425.6	1,412.9	757	322	7.8
1997 .....	1,474.0	1,133.7	44.5	295.8	1,441.1	1,400.5	804	281	7.7
1998 .....	1,616.9	1,271.4	42.6	302.9	1,612.3	1,474.2	886	294	7.9
1999 .....	1,640.9	1,302.4	31.9	306.6	1,663.5	1,604.9	880	308	8.1
2000 .....	1,568.7	1,230.9	38.7	299.1	1,592.3	1,573.7	877	<sup>r</sup> 298	8.0
2001 .....	1,602.7	1,273.3	36.6	292.8	<sup>r</sup> 1,636.7	1,570.8	908	<sup>r</sup> 308	8.4
Seasonally adjusted annual rates									
2001: Apr <sup>r</sup> .....	1,636	1,302	42	292	1,649	1,577	901	294	.....
May <sup>r</sup> .....	1,604	1,281	29	294	1,663	1,501	884	296	.....
June <sup>r</sup> .....	1,633	1,293	54	286	1,618	1,645	892	302	8.3
July <sup>r</sup> .....	1,664	1,294	41	329	1,602	1,588	881	306	.....
Aug <sup>r</sup> .....	1,562	1,274	27	261	1,606	1,621	871	308	.....
Sept <sup>r</sup> .....	1,582	1,263	46	273	1,570	1,551	856	310	8.4
Oct <sup>r</sup> .....	1,531	1,238	33	260	1,566	1,575	865	308	.....
Nov <sup>r</sup> .....	1,604	1,241	38	325	1,659	1,567	938	308	.....
Dec <sup>r</sup> .....	1,583	1,294	17	272	1,702	1,705	979	308	8.8
2002: Jan <sup>r</sup> .....	1,713	1,344	67	302	1,686	1,607	870	310	.....
Feb <sup>r</sup> .....	1,788	1,472	43	273	1,766	1,669	934	312	.....
Mar <sup>r</sup> .....	1,644	1,296	53	295	1,629	1,568	906	310	9.1
Apr <sup>r</sup> .....	1,555	1,270	24	261	1,631	1,615	915	316	.....

<sup>1</sup> Derived; seasonally adjusted monthly data for 2-4 housing units started are no longer published.  
<sup>2</sup> Seasonally adjusted.  
<sup>3</sup> Revised series beginning 1994; data for 1993 reflect the revision. Quarterly data entered in last month of quarter.

NOTE.—Beginning 1994, units authorized are for 19,000 places. For other data shown, units authorized are for 17,000 places.  
Beginning 1999, housing starts, completions, and sales are not directly comparable with earlier data due to new estimation methods.

Seasonally adjusted data beginning 2000 for housing units started, authorized, and completed, and houses sold and for sale reflect annual revisions. Unadjusted data for housing units authorized revised for January-December 2001.

Source: Department of Commerce, Bureau of the Census.

## NEW CONSTRUCTION

[Monthly data seasonally adjusted]

Period	Total new construction expenditures	Private						Federal and State and local	Construction contracts <sup>3</sup>	
		Total	Residential		Commercial and industrial <sup>2</sup>	Other	Total value index (1996=100)		Commercial and industrial floor space (millions of square feet)	
			Total <sup>1</sup>	New housing units						
Billions of dollars										
1992 .....	463.7	347.8	199.4	135.1	82.2	66.2	115.8	76	556	
1993 .....	491.0	375.1	225.1	150.9	81.5	68.5	116.0	82	589	
1994 .....	539.2	419.0	258.6	176.4	93.3	67.1	120.2	89	744	
1995 .....	557.8	427.9	247.4	171.4	110.9	69.7	129.9	92	862	
1996 .....	615.9	476.6	281.1	191.1	125.2	70.4	139.3	100	875	
1997 .....	653.4	502.7	289.0	198.1	136.6	77.1	150.7	109	1,027	
1998 <sup>r</sup> .....	705.7	551.4	314.6	224.0	151.1	85.7	154.3	122	1,223	
1999 <sup>r</sup> .....	765.9	596.3	350.6	251.3	153.1	92.7	169.5	135	1,255	
2000 <sup>r</sup> .....	820.3	641.8	374.5	265.0	164.1	103.2	178.6	142	1,240	
2001 <sup>r</sup> .....	842.5	650.0	388.7	279.8	155.8	105.5	192.5	.....	.....	
Annual rates										
2001: May <sup>r</sup> .....	846.6	648.8	383.9	279.3	156.7	108.2	197.8	141	.....	
June <sup>r</sup> .....	852.6	658.4	389.0	280.3	161.0	108.4	194.1	149	.....	
July <sup>r</sup> .....	843.6	651.0	385.8	281.0	158.3	106.9	192.6	142	.....	
Aug <sup>r</sup> .....	838.6	650.6	391.7	282.3	150.9	108.0	188.1	.....	.....	
Sept <sup>r</sup> .....	836.0	648.5	393.5	281.6	148.2	106.9	187.4	.....	.....	
Oct <sup>r</sup> .....	836.6	643.4	392.3	281.6	144.4	106.7	193.1	.....	.....	
Nov <sup>r</sup> .....	836.5	639.7	394.7	282.2	139.9	105.0	196.9	.....	.....	
Dec <sup>r</sup> .....	841.8	640.8	395.2	283.1	137.7	107.9	201.0	.....	.....	
2002: Jan <sup>r</sup> .....	860.2	651.5	403.3	286.9	138.6	109.6	208.7	.....	.....	
Feb <sup>r</sup> .....	874.3	659.4	413.5	293.8	134.9	111.0	214.9	.....	.....	
Mar <sup>r</sup> .....	855.2	655.3	413.8	295.4	131.7	109.8	199.9	.....	.....	
Apr <sup>r</sup> .....	858.2	658.1	415.5	297.0	130.5	112.2	200.1	.....	.....	
May <sup>p</sup> .....	852.0	648.1	412.3	297.0	125.1	110.6	203.9	.....	.....	

<sup>1</sup> Includes residential improvements, not shown separately.  
<sup>2</sup> Includes hotels and motels.  
<sup>3</sup> F.W. Dodge series.

NOTE.—New construction expenditures data reflect annual revisions. Data revised beginning 1998.  
 Sources: Department of Commerce (Bureau of the Census) and The McGraw-Hill Companies, Inc., F.W. Dodge Division.

## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or houses, except as noted]

Period	New private housing units						New private houses		Vacancy rate for rental housing units (percent) <sup>3</sup>
	Units started, by type of structure				Units authorized	Units completed	Houses sold	Houses for sale at end of period <sup>2</sup>	
	Total	1 unit	2-4 units <sup>1</sup>	5 units or more					
1992 .....	1,199.7	1,029.9	30.9	139.0	1,094.9	1,157.5	610	265	7.4
1993 .....	1,287.6	1,125.7	29.4	132.6	1,199.1	1,192.7	666	293	<sup>3</sup> 7.3
1994 .....	1,457.0	1,198.4	35.2	223.5	1,371.6	1,346.9	670	336	7.4
1995 .....	1,354.1	1,076.2	33.8	244.1	1,332.5	1,312.6	667	370	7.6
1996 .....	1,476.8	1,160.9	45.3	270.8	1,425.6	1,412.9	757	322	7.8
1997 .....	1,474.0	1,133.7	44.5	295.8	1,441.1	1,400.5	804	281	7.7
1998 .....	1,616.9	1,271.4	42.6	302.9	1,612.3	1,474.2	886	294	7.9
1999 .....	1,640.9	1,302.4	31.9	306.6	1,663.5	1,604.9	880	308	8.1
2000 .....	1,568.7	1,230.9	38.7	299.1	1,592.3	1,573.7	877	298	8.0
2001 .....	1,602.7	1,273.3	36.6	292.8	1,636.7	1,570.8	908	308	8.4
Seasonally adjusted annual rates									
2001: May .....	1,604	1,281	29	294	1,663	1,501	884	296	.....
June .....	1,633	1,293	54	286	1,618	1,645	892	302	8.3
July .....	1,664	1,294	41	329	1,602	1,588	881	306	.....
Aug .....	1,562	1,274	27	261	1,606	1,621	871	308	.....
Sept .....	1,582	1,263	46	273	1,570	1,551	856	310	8.4
Oct .....	1,531	1,238	33	260	1,566	1,575	865	308	.....
Nov .....	1,604	1,241	38	325	1,659	1,567	938	308	.....
Dec .....	1,583	1,294	17	272	1,702	1,705	979	308	8.8
2002: Jan .....	1,713	1,344	67	302	1,686	1,607	870	310	.....
Feb .....	1,788	1,472	43	273	1,766	1,669	937	314	.....
Mar <sup>r</sup> .....	1,675	1,298	49	328	1,629	1,576	915	314	9.1
Apr <sup>r</sup> .....	1,553	1,267	27	259	1,631	1,654	951	320	.....
May <sup>p</sup> .....	1,733	1,389	25	319	1,676	1,692	1,028	324	.....

<sup>1</sup> Derived; seasonally adjusted monthly data for 2-4 housing units started are no longer published.  
<sup>2</sup> Seasonally adjusted.  
<sup>3</sup> Revised series beginning 1994; data for 1993 reflect the revision. Quarterly data entered in last month of quarter.

NOTE.—Beginning 1994, units authorized are for 19,000 places. For other data shown, units authorized are for 17,000 places.  
 Beginning 1999, housing starts, completions, and sales are not directly comparable with earlier data due to new estimation methods.  
 Source: Department of Commerce, Bureau of the Census.

## NEW CONSTRUCTION

[Monthly data seasonally adjusted]

Period	Total new construction expenditures	Private						Federal and State and local	Construction contracts <sup>3</sup>	
		Total	Residential		Commercial and industrial <sup>2</sup>	Other	Total value index (1996=100)		Commercial and industrial floor space (millions of square feet)	
			Total <sup>1</sup>	New housing units						
<b>Billions of dollars</b>										
1992 .....	463.7	347.8	199.4	135.1	82.2	66.2	115.8	76	556	
1993 .....	491.0	375.1	225.1	150.9	81.5	68.5	116.0	82	589	
1994 .....	539.2	419.0	258.6	176.4	93.3	67.1	120.2	89	744	
1995 .....	557.8	427.9	247.4	171.4	110.9	69.7	129.9	92	862	
1996 .....	615.9	476.6	281.1	191.1	125.2	70.4	139.3	100	875	
1997 .....	653.4	502.7	289.0	198.1	136.6	77.1	150.7	109	1,027	
1998 .....	705.7	551.4	314.6	224.0	151.1	85.7	154.3	122	1,223	
1999 .....	765.9	596.3	350.6	251.3	153.1	92.7	169.5	135	1,255	
2000 .....	820.3	641.8	374.5	265.0	164.1	103.2	178.6	142	1,240	
2001 .....	842.5	650.0	388.7	279.8	155.8	105.5	192.5	.....	.....	
<b>Annual rates</b>										
2001: June .....	852.6	658.4	389.0	280.3	161.0	108.4	194.1	149	.....	
July .....	843.6	651.0	385.8	281.0	158.3	106.9	192.6	142	.....	
Aug .....	838.6	650.6	391.7	282.3	150.9	108.0	188.1	.....	.....	
Sept .....	836.0	648.5	393.5	281.6	148.2	106.9	187.4	.....	.....	
Oct .....	836.6	643.4	392.3	281.6	144.4	106.7	193.1	.....	.....	
Nov .....	836.5	639.7	394.7	282.2	139.9	105.0	196.9	.....	.....	
Dec .....	841.8	640.8	395.2	283.1	137.7	107.9	201.0	.....	.....	
2002: Jan .....	860.2	651.5	403.3	286.9	138.6	109.6	208.7	.....	.....	
Feb .....	874.3	659.4	413.5	293.8	134.9	111.0	214.9	.....	.....	
Mar .....	855.2	655.3	413.8	295.4	131.7	109.8	199.9	.....	.....	
Apr <sup>r</sup> .....	856.4	656.7	411.4	295.2	131.4	113.9	199.7	.....	.....	
May <sup>r</sup> .....	839.0	635.2	407.9	295.1	122.5	104.8	203.8	.....	.....	
June <sup>p</sup> .....	820.8	623.3	404.2	293.5	118.2	100.9	197.5	.....	.....	

<sup>1</sup> Includes residential improvements, not shown separately.  
<sup>2</sup> Includes hotels and motels.  
<sup>3</sup> F.W. Dodge series.

Sources: Department of Commerce (Bureau of the Census) and The McGraw-Hill Companies, Inc., F.W. Dodge Division.

## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or houses, except as noted]

Period	New private housing units						New private houses		Vacancy rate for rental housing units (percent) <sup>3</sup>
	Units started, by type of structure				Units authorized	Units completed	Houses sold	Houses for sale at end of period <sup>2</sup>	
	Total	1 unit	2-4 units <sup>1</sup>	5 units or more					
1992 .....	1,199.7	1,029.9	30.9	139.0	1,094.9	1,157.5	610	265	7.4
1993 .....	1,287.6	1,125.7	29.4	132.6	1,199.1	1,192.7	666	293	7.3
1994 .....	1,457.0	1,198.4	35.2	223.5	1,371.6	1,346.9	670	336	7.4
1995 .....	1,354.1	1,076.2	33.8	244.1	1,332.5	1,312.6	667	370	7.6
1996 .....	1,476.8	1,160.9	45.3	270.8	1,425.6	1,412.9	757	322	7.8
1997 .....	1,474.0	1,133.7	44.5	295.8	1,441.1	1,400.5	804	281	7.7
1998 .....	1,616.9	1,271.4	42.6	302.9	1,612.3	1,474.2	886	294	7.9
1999 .....	1,640.9	1,302.4	31.9	306.6	1,663.5	1,604.9	880	308	8.1
2000 .....	1,568.7	1,230.9	38.7	299.1	1,592.3	1,573.7	877	298	8.0
2001 .....	1,602.7	1,273.3	36.6	292.8	1,636.7	1,570.8	908	308	8.4
<b>Seasonally adjusted annual rates</b>									
2001: June .....	1,633	1,293	54	286	1,618	1,645	892	302	8.3
July .....	1,664	1,294	41	329	1,602	1,588	881	306	.....
Aug .....	1,562	1,274	27	261	1,606	1,621	871	308	.....
Sept .....	1,582	1,263	46	273	1,570	1,551	856	310	8.4
Oct .....	1,531	1,238	33	260	1,566	1,575	865	308	.....
Nov .....	1,604	1,241	38	325	1,659	1,567	938	308	.....
Dec .....	1,583	1,294	17	272	1,702	1,705	979	308	8.8
2002: Jan .....	1,713	1,344	67	302	1,686	1,607	870	310	.....
Feb .....	1,788	1,472	43	273	1,766	1,669	937	314	.....
Mar .....	1,675	1,298	49	328	1,629	1,576	915	316	9.1
Apr <sup>r</sup> .....	1,566	1,261	27	278	1,631	1,650	931	323	.....
May <sup>r</sup> .....	1,735	1,390	39	306	1,676	1,686	996	326	.....
June <sup>p</sup> .....	1,672	1,350	37	285	1,706	1,587	1,001	325	8.5

<sup>1</sup> Derived; seasonally adjusted monthly data for 2-4 housing units started are no longer published.  
<sup>2</sup> Seasonally adjusted.  
<sup>3</sup> Revised series beginning 1994; data for 1993 reflect the revision. Quarterly data entered in last month of quarter.

NOTE.—Beginning 1994, units authorized are for 19,000 places. For other data shown, units authorized are for 17,000 places.  
 Beginning 1999, housing starts, completions, and sales are not directly comparable with earlier data due to new estimation methods.

Source: Department of Commerce, Bureau of the Census.

## NEW CONSTRUCTION

[Monthly data seasonally adjusted]

Period	Total new construction expenditures	Private						Federal and State and local	Construction contracts <sup>3</sup>	
		Total	Residential		Commercial and industrial <sup>2</sup>	Other	Total value index (1996=100)		Commercial and industrial floor space (millions of square feet)	
			Total <sup>1</sup>	New housing units						
Billions of dollars										
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1995 .....	557.8	427.9	247.4	171.4	110.9	69.7	129.9	92	862	
1996 .....	615.9	476.6	281.1	191.1	125.2	70.4	139.3	100	875	
1997 .....	653.4	502.7	289.0	198.1	136.6	77.1	150.7	109	1,027	
1998 .....	705.7	551.4	314.6	224.0	151.1	85.7	154.3	122	1,223	
1999 .....	765.9	596.3	350.6	251.3	153.1	92.7	169.5	135	1,255	
2000 .....	820.3	641.8	374.5	265.0	164.1	103.2	178.6	142	1,240	
2001 .....	842.5	650.0	388.7	279.8	155.8	105.5	192.5	.....	.....	
Annual rates										
2001: July .....	843.6	651.0	385.8	281.0	158.3	106.9	192.6	142	.....	
Aug .....	838.6	650.6	391.7	282.3	150.9	108.0	188.1	.....	.....	
Sept .....	836.0	648.5	393.5	281.6	148.2	106.9	187.4	.....	.....	
Oct .....	836.6	643.4	392.3	281.6	144.4	106.7	193.1	.....	.....	
Nov .....	836.5	639.7	394.7	282.2	139.9	105.0	196.9	.....	.....	
Dec .....	841.8	640.8	395.2	283.1	137.7	107.9	201.0	.....	.....	
2002: Jan .....	860.2	651.5	403.3	286.9	138.6	109.6	208.7	.....	.....	
Feb .....	874.3	659.4	413.5	293.8	134.9	111.0	214.9	.....	.....	
Mar .....	855.2	655.3	413.8	295.4	131.7	109.8	199.9	.....	.....	
Apr .....	856.4	656.7	411.4	295.2	131.4	113.9	199.7	.....	.....	
May <sup>r</sup> .....	847.9	643.2	414.4	295.8	122.0	106.8	204.6	.....	.....	
June <sup>r</sup> .....	833.8	636.9	411.4	295.1	117.9	107.6	197.0	.....	.....	
July <sup>p</sup> .....	834.1	635.4	408.6	295.4	115.9	110.9	198.7	.....	.....	

<sup>1</sup> Includes residential improvements, not shown separately.

<sup>2</sup> Includes hotels and motels.

<sup>3</sup> F.W. Dodge series.

Sources: Department of Commerce (Bureau of the Census) and The McGraw-Hill Companies, Inc., F.W. Dodge Division.

## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or houses, except as noted]

Period	New private housing units						New private houses		Vacancy rate for rental housing units (percent) <sup>3</sup>
	Units started, by type of structure				Units authorized	Units completed	Houses sold	Houses for sale at end of period <sup>2</sup>	
	Total	1 unit	2-4 units <sup>1</sup>	5 units or more					
1992 .....	1,199.7	1,029.9	30.9	139.0	1,094.9	1,157.5	610	265	7.4
1993 .....	1,287.6	1,125.7	29.4	132.6	1,199.1	1,192.7	666	293	7.3
1994 .....	1,457.0	1,198.4	35.2	223.5	1,371.6	1,346.9	670	336	7.4
1995 .....	1,354.1	1,076.2	33.8	244.1	1,332.5	1,312.6	667	370	7.6
1996 .....	1,476.8	1,160.9	45.3	270.8	1,425.6	1,412.9	757	322	7.8
1997 .....	1,474.0	1,133.7	44.5	295.8	1,441.1	1,400.5	804	281	7.7
1998 .....	1,616.9	1,271.4	42.6	302.9	1,612.3	1,474.2	886	294	7.9
1999 .....	1,640.9	1,302.4	31.9	306.6	1,663.5	1,604.9	880	308	8.1
2000 .....	1,568.7	1,230.9	38.7	299.1	1,592.3	1,573.7	877	298	8.0
2001 .....	1,602.7	1,273.3	36.6	292.8	1,636.7	1,570.8	908	308	8.4
Seasonally adjusted annual rates									
2001: July .....	1,664	1,294	41	329	1,602	1,588	881	306	.....
Aug .....	1,562	1,274	27	261	1,606	1,621	871	308	.....
Sept .....	1,582	1,263	46	273	1,570	1,551	856	310	8.4
Oct .....	1,531	1,238	33	260	1,566	1,575	865	308	.....
Nov .....	1,604	1,241	38	325	1,659	1,567	938	308	.....
Dec .....	1,583	1,294	17	272	1,702	1,705	979	308	8.8
2002: Jan .....	1,713	1,344	67	302	1,686	1,607	870	310	.....
Feb .....	1,788	1,472	43	273	1,766	1,669	937	314	.....
Mar .....	1,675	1,298	49	328	1,629	1,576	915	316	9.1
Apr .....	1,566	1,261	27	278	1,631	1,650	932	324	.....
May <sup>r</sup> .....	1,742	1,380	37	325	1,676	1,702	978	328	.....
June <sup>r</sup> .....	1,695	1,351	46	298	1,706	1,583	953	327	8.5
July <sup>p</sup> .....	1,649	1,321	27	301	1,712	1,582	1,017	330	.....

<sup>1</sup> Derived; seasonally adjusted monthly data for 2-4 housing units started are no longer published.

<sup>2</sup> Seasonally adjusted.

<sup>3</sup> Revised series beginning 1994; data for 1993 reflect the revision. Quarterly data entered in last month of quarter.

NOTE.—Beginning 1994, units authorized are for 19,000 places. For other data shown, units authorized are for 17,000 places.

Beginning 1999, housing starts, completions, and sales are not directly comparable with earlier data due to new estimation methods.

Source: Department of Commerce, Bureau of the Census.

## NEW CONSTRUCTION

[Monthly data seasonally adjusted]

Period	Total new construction expenditures	Private						Federal and State and local	Construction contracts <sup>3</sup>	
		Total	Residential		Commercial and industrial <sup>2</sup>	Other	Total value index (1996=100)		Commercial and industrial floor space (millions of square feet)	
			Total <sup>1</sup>	New housing units						
Billions of dollars										
1992 .....	463.7	347.8	199.4	135.1	82.2	66.2	115.8	76	556	
1993 .....	491.0	375.1	225.1	150.9	81.5	68.5	116.0	82	589	
1994 .....	539.2	419.0	258.6	176.4	93.3	67.1	120.2	89	744	
1995 .....	557.8	427.9	247.4	171.4	110.9	69.7	129.9	92	862	
1996 .....	615.9	476.6	281.1	191.1	125.2	70.4	139.3	100	875	
1997 .....	653.4	502.7	289.0	198.1	136.6	77.1	150.7	109	1,027	
1998 .....	705.7	551.4	314.6	224.0	151.1	85.7	154.3	122	1,223	
1999 .....	765.9	596.3	350.6	251.3	153.1	92.7	169.5	135	1,255	
2000 .....	820.3	641.8	374.5	265.0	164.1	103.2	178.6	142	1,240	
2001 .....	842.5	650.0	388.7	279.8	155.8	105.5	192.5	.....	.....	
Annual rates										
2001: Aug .....	838.6	650.6	391.7	282.3	150.9	108.0	188.1	.....	.....	
Sept .....	836.0	648.5	393.5	281.6	148.2	106.9	187.4	.....	.....	
Oct .....	836.6	643.4	392.3	281.6	144.4	106.7	193.1	.....	.....	
Nov .....	836.5	639.7	394.7	282.2	139.9	105.0	196.9	.....	.....	
Dec .....	841.8	640.8	395.2	283.1	137.7	107.9	201.0	.....	.....	
2002: Jan .....	860.2	651.5	403.3	286.9	138.6	109.6	208.7	.....	.....	
Feb .....	874.3	659.4	413.5	293.8	134.9	111.0	214.9	.....	.....	
Mar .....	855.2	655.3	413.8	295.4	131.7	109.8	199.9	.....	.....	
Apr <sup>r</sup> .....	856.9	656.7	411.8	295.6	131.0	113.8	200.2	.....	.....	
May <sup>r</sup> .....	847.1	642.2	413.5	294.9	121.9	106.8	204.9	.....	.....	
June <sup>r</sup> .....	833.7	634.6	410.8	292.8	119.1	104.7	199.1	.....	.....	
July <sup>r</sup> .....	832.7	631.7	408.3	293.2	116.1	107.2	201.0	.....	.....	
Aug <sup>p</sup> .....	829.8	627.1	407.5	292.9	112.5	107.2	202.7	.....	.....	

<sup>1</sup> Includes residential improvements, not shown separately.

<sup>2</sup> Includes hotels and motels.

<sup>3</sup> F.W. Dodge series.

Sources: Department of Commerce (Bureau of the Census) and The McGraw-Hill Companies, Inc., F.W. Dodge Division.

## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or houses, except as noted]

Period	New private housing units						New private houses		Vacancy rate for rental housing units (percent) <sup>3</sup>
	Units started, by type of structure				Units authorized	Units completed	Houses sold	Houses for sale at end of period <sup>2</sup>	
	Total	1 unit	2-4 units <sup>1</sup>	5 units or more					
1992 .....	1,199.7	1,029.9	30.9	139.0	1,094.9	1,157.5	610	265	7.4
1993 .....	1,287.6	1,125.7	29.4	132.6	1,199.1	1,192.7	666	293	7.3
1994 .....	1,457.0	1,198.4	35.2	223.5	1,371.6	1,346.9	670	336	7.4
1995 .....	1,354.1	1,076.2	33.8	244.1	1,332.5	1,312.6	667	370	7.6
1996 .....	1,476.8	1,160.9	45.3	270.8	1,425.6	1,412.9	757	322	7.8
1997 .....	1,474.0	1,133.7	44.5	295.8	1,441.1	1,400.5	804	281	7.7
1998 .....	1,616.9	1,271.4	42.6	302.9	1,612.3	1,474.2	886	294	7.9
1999 .....	1,640.9	1,302.4	31.9	306.6	1,663.5	1,604.9	880	308	8.1
2000 .....	1,568.7	1,230.9	38.7	299.1	1,592.3	1,573.7	877	298	8.0
2001 .....	1,602.7	1,273.3	36.6	292.8	1,636.7	1,570.8	908	308	8.4
Seasonally adjusted annual rates									
2001: Aug .....	1,562	1,274	27	261	1,606	1,621	871	308	.....
Sept .....	1,582	1,263	46	273	1,570	1,551	856	310	8.4
Oct .....	1,531	1,238	33	260	1,566	1,575	865	308	.....
Nov .....	1,604	1,241	38	325	1,659	1,567	938	308	.....
Dec .....	1,583	1,294	17	272	1,702	1,705	979	308	8.8
2002: Jan .....	1,713	1,344	67	302	1,686	1,607	870	310	.....
Feb .....	1,788	1,472	43	273	1,766	1,669	937	314	.....
Mar .....	1,675	1,298	49	328	1,629	1,576	915	316	9.1
Apr .....	1,566	1,261	27	278	1,631	1,650	932	324	.....
May .....	1,742	1,380	37	325	1,676	1,702	974	329	.....
June <sup>r</sup> .....	1,692	1,344	46	302	1,706	1,587	959	328	8.5
July <sup>r</sup> .....	1,645	1,309	31	305	1,712	1,602	977	331	.....
Aug <sup>p</sup> .....	1,609	1,252	27	330	1,666	1,637	996	332	.....

<sup>1</sup> Derived; seasonally adjusted monthly data for 2-4 housing units started are no longer published.

<sup>2</sup> Seasonally adjusted.

<sup>3</sup> Revised series beginning 1994; data for 1993 reflect the revision. Quarterly data entered in last month of quarter.

NOTE.—Beginning 1994, units authorized are for 19,000 places. For other data shown, units authorized are for 17,000 places.

Beginning 1999, housing starts, completions, and sales are not directly comparable with earlier data due to new estimation methods.

Source: Department of Commerce, Bureau of the Census.

## NEW CONSTRUCTION

[Monthly data seasonally adjusted]

Period	Total new construction expenditures	Private						Federal and State and local	Construction contracts <sup>3</sup>	
		Total	Residential		Commercial and industrial <sup>2</sup>	Other	Total value index (1996=100)		Commercial and industrial floor space (millions of square feet)	
			Total <sup>1</sup>	New housing units						
<b>Billions of dollars</b>										
1992 .....	463.7	347.8	199.4	135.1	82.2	66.2	115.8	76	556	
1993 .....	491.0	375.1	225.1	150.9	81.5	68.5	116.0	82	589	
1994 .....	539.2	419.0	258.6	176.4	93.3	67.1	120.2	89	744	
1995 .....	557.8	427.9	247.4	171.4	110.9	69.7	129.9	92	862	
1996 .....	615.9	476.6	281.1	191.1	125.2	70.4	139.3	100	875	
1997 .....	653.4	502.7	289.0	198.1	136.6	77.1	150.7	109	1,027	
1998 .....	705.7	551.4	314.6	224.0	151.1	85.7	154.3	122	1,223	
1999 .....	765.9	596.3	350.6	251.3	153.1	92.7	169.5	135	1,255	
2000 .....	820.3	641.8	374.5	265.0	164.1	103.2	178.6	142	1,240	
2001 .....	842.5	650.0	388.7	279.8	155.8	105.5	192.5	.....	.....	
<b>Annual rates</b>										
2001: Sept .....	836.0	648.5	393.5	281.6	148.2	106.9	187.4	.....	.....	
Oct .....	836.6	643.4	392.3	281.6	144.4	106.7	193.1	.....	.....	
Nov .....	836.5	639.7	394.7	282.2	139.9	105.0	196.9	.....	.....	
Dec .....	841.8	640.8	395.2	283.1	137.7	107.9	201.0	.....	.....	
2002: Jan .....	860.2	651.5	403.3	286.9	138.6	109.6	208.7	.....	.....	
Feb .....	874.3	659.4	413.5	293.8	134.9	111.0	214.9	.....	.....	
Mar .....	855.2	655.3	413.8	295.4	131.7	109.8	199.9	.....	.....	
Apr .....	856.9	656.7	411.8	295.6	131.0	113.8	200.2	.....	.....	
May .....	847.1	642.2	413.5	294.9	121.9	106.8	204.9	.....	.....	
June .....	833.7	634.6	410.8	292.8	119.1	104.7	199.1	.....	.....	
July <sup>r</sup> .....	837.8	635.7	414.0	295.2	116.8	104.9	202.1	.....	.....	
Aug <sup>r</sup> .....	831.5	627.9	410.7	292.8	112.1	105.1	203.6	.....	.....	
Sept <sup>p</sup> .....	836.7	628.6	413.7	297.5	108.9	106.0	208.0	.....	.....	

<sup>1</sup> Includes residential improvements, not shown separately.  
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Sources: Department of Commerce (Bureau of the Census) and The McGraw-Hill Companies, Inc., F.W. Dodge Division.

## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or houses, except as noted]

Period	New private housing units						New private houses		Vacancy rate for rental housing units (percent) <sup>3</sup>
	Units started, by type of structure				Units authorized	Units completed	Houses sold	Houses for sale at end of period <sup>2</sup>	
	Total	1 unit	2-4 units <sup>1</sup>	5 units or more					
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1994 .....	1,457.0	1,198.4	35.2	223.5	1,371.6	1,346.9	670	336	7.4
1995 .....	1,354.1	1,076.2	33.8	244.1	1,332.5	1,312.6	667	370	7.6
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1999 .....	1,640.9	1,302.4	31.9	306.6	1,663.5	1,604.9	880	308	8.1
2000 .....	1,568.7	1,230.9	38.7	299.1	1,592.3	1,573.7	877	298	8.0
2001 .....	1,602.7	1,273.3	36.6	292.8	1,636.7	1,570.8	908	308	8.4
<b>Seasonally adjusted annual rates</b>									
2001: Sept .....	1,582	1,263	46	273	1,570	1,551	856	310	8.4
Oct .....	1,531	1,238	33	260	1,566	1,575	865	308	.....
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Mar .....	1,675	1,298	49	328	1,629	1,576	915	316	9.1
Apr .....	1,566	1,261	27	278	1,631	1,650	932	324	.....
May .....	1,742	1,380	37	325	1,676	1,702	974	329	.....
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July <sup>r</sup> .....	1,652	1,319	31	302	1,712	1,614	952	331	.....
Aug <sup>r</sup> .....	1,627	1,250	33	344	1,666	1,689	1,017	330	.....
Sept <sup>p</sup> .....	1,843	1,477	37	329	1,733	1,614	1,021	332	9.1

<sup>1</sup> Derived; seasonally adjusted monthly data for 2-4 housing units started are no longer published.  
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[Monthly data seasonally adjusted]

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Oct <sup>r</sup> .....	834.6	629.2	412.3	298.1	110.2	106.8	205.4	.....	.....	

<sup>1</sup> Includes residential improvements, not shown separately.

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## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or houses, except as noted]

Period	New private housing units						New private houses		Vacancy rate for rental housing units (percent) <sup>3</sup>
	Units started, by type of structure				Units authorized	Units completed	Houses sold	Houses for sale at end of period <sup>2</sup>	
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Aug <sup>r</sup> .....	1,631	1,249	31	351	1,666	1,710	1,037	331	.....
Sept <sup>r</sup> .....	1,810	1,452	36	322	1,733	1,655	1,054	331	9.1
Oct <sup>r</sup> .....	1,603	1,350	32	221	1,772	1,585	1,007	335	.....

<sup>1</sup> Derived; seasonally adjusted monthly data for 2-4 housing units started are no longer published.

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<sup>3</sup> Revised series beginning 1994; data for 1993 reflect the revision. Quarterly data entered in last month of quarter.

NOTE.—Beginning 1994, units authorized are for 19,000 places. For other data shown, units authorized are for 17,000 places.

Beginning 1999, housing starts, completions, and sales are not directly comparable with earlier data due to new estimation methods.

Source: Department of Commerce, Bureau of the Census.

## NEW CONSTRUCTION

[Monthly data seasonally adjusted]

Period	Total new construction expenditures	Private						Federal and State and local	Construction contracts <sup>3</sup>	
		Total	Residential		Commercial and industrial <sup>2</sup>	Other	Total value index (1996=100)		Commercial and industrial floor space (millions of square feet)	
			Total <sup>1</sup>	New housing units						
Billions of dollars										
1992 .....	463.7	347.8	199.4	135.1	82.2	66.2	115.8	76	556	
1993 .....	491.0	375.1	225.1	150.9	81.5	68.5	116.0	82	589	
1994 .....	539.2	419.0	258.6	176.4	93.3	67.1	120.2	89	744	
1995 .....	557.8	427.9	247.4	171.4	110.9	69.7	129.9	92	862	
1996 .....	615.9	476.6	281.1	191.1	125.2	70.4	139.3	100	875	
1997 .....	653.4	502.7	289.0	198.1	136.6	77.1	150.7	109	1,027	
1998 .....	705.7	551.4	314.6	224.0	151.1	85.7	154.3	122	1,223	
1999 .....	765.9	596.3	350.6	251.3	153.1	92.7	169.5	135	1,255	
2000 .....	820.3	641.8	374.5	265.0	164.1	103.2	178.6	142	1,240	
2001 .....	842.5	650.0	388.7	279.8	155.8	105.5	192.5	.....	.....	
Annual rates										
2001: Oct .....	836.6	643.4	392.3	281.6	144.4	106.7	193.1	.....	.....	
Nov .....	836.5	639.7	394.7	282.2	139.9	105.0	196.9	.....	.....	
Dec .....	841.8	640.8	395.2	283.1	137.7	107.9	201.0	.....	.....	
2002: Jan .....	860.2	651.5	403.3	286.9	138.6	109.6	208.7	.....	.....	
Feb .....	874.3	659.4	413.5	293.8	134.9	111.0	214.9	.....	.....	
Mar .....	855.2	655.3	413.8	295.4	131.7	109.8	199.9	.....	.....	
Apr .....	856.9	656.7	411.8	295.6	131.0	113.8	200.2	.....	.....	
May .....	847.1	642.2	413.5	294.9	121.9	106.8	204.9	.....	.....	
June .....	833.7	634.6	410.8	292.8	119.1	104.7	199.1	.....	.....	
July .....	837.8	635.7	414.0	295.2	116.8	104.9	202.1	.....	.....	
Aug .....	829.8	627.1	409.3	292.7	113.4	104.4	202.8	.....	.....	
Sept <sup>r</sup> .....	832.5	626.4	412.1	296.3	110.0	104.3	206.1	.....	.....	
Oct <sup>p</sup> .....	834.6	629.2	412.3	298.1	110.2	106.8	205.4	.....	.....	

<sup>1</sup> Includes residential improvements, not shown separately.

<sup>2</sup> Includes hotels and motels.

<sup>3</sup> F.W. Dodge series.

Sources: Department of Commerce (Bureau of the Census) and The McGraw-Hill Companies, Inc., F.W. Dodge Division.

## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or houses, except as noted]

Period	New private housing units						New private houses		Vacancy rate for rental housing units (percent) <sup>3</sup>
	Units started, by type of structure				Units authorized	Units completed	Houses sold	Houses for sale at end of period <sup>2</sup>	
	Total	1 unit	2-4 units <sup>1</sup>	5 units or more					
1992 .....	1,199.7	1,029.9	30.9	139.0	1,094.9	1,157.5	610	265	7.4
1993 .....	1,287.6	1,125.7	29.4	132.6	1,199.1	1,192.7	666	293	7.3
1994 .....	1,457.0	1,198.4	35.2	223.5	1,371.6	1,346.9	670	336	7.4
1995 .....	1,354.1	1,076.2	33.8	244.1	1,332.5	1,312.6	667	370	7.6
1996 .....	1,476.8	1,160.9	45.3	270.8	1,425.6	1,412.9	757	322	7.8
1997 .....	1,474.0	1,133.7	44.5	295.8	1,441.1	1,400.5	804	281	7.7
1998 .....	1,616.9	1,271.4	42.6	302.9	1,612.3	1,474.2	886	294	7.9
1999 .....	1,640.9	1,302.4	31.9	306.6	1,663.5	1,604.9	880	308	8.1
2000 .....	1,568.7	1,230.9	38.7	299.1	1,592.3	1,573.7	877	298	8.0
2001 .....	1,602.7	1,273.3	36.6	292.8	1,636.7	1,570.8	908	308	8.4
Seasonally adjusted annual rates									
2001: Nov .....	1,604	1,241	38	325	1,659	1,567	938	308	.....
Dec .....	1,583	1,294	17	272	1,702	1,705	979	308	8.8
2002: Jan .....	1,713	1,344	67	302	1,686	1,607	870	310	.....
Feb .....	1,788	1,472	43	273	1,766	1,669	937	314	.....
Mar .....	1,675	1,298	49	328	1,629	1,576	915	316	9.1
Apr .....	1,566	1,261	27	278	1,631	1,650	932	324	.....
May .....	1,742	1,380	37	325	1,676	1,702	974	329	.....
June .....	1,692	1,344	46	302	1,706	1,587	947	329	8.5
July .....	1,652	1,319	31	302	1,712	1,614	958	331	.....
Aug .....	1,631	1,249	31	351	1,666	1,710	1,047	331	.....
Sept <sup>r</sup> .....	1,808	1,452	36	320	1,733	1,652	1,053	331	9.1
Oct <sup>r</sup> .....	1,657	1,378	32	247	1,772	1,570	1,011	333	.....
Nov <sup>p</sup> .....	1,697	1,390	29	278	1,738	1,708	1,069	335	.....

<sup>1</sup> Derived; seasonally adjusted monthly data for 2-4 housing units started are no longer published.

<sup>2</sup> Seasonally adjusted.

<sup>3</sup> Revised series beginning 1994; data for 1993 reflect the revision. Quarterly data entered in last month of quarter.

NOTE.—Beginning 1994, units authorized are for 19,000 places. For other data shown, units authorized are for 17,000 places.

Beginning 1999, housing starts, completions, and sales are not directly comparable with earlier data due to new estimation methods.

Source: Department of Commerce, Bureau of the Census.

## NEW CONSTRUCTION

[Monthly data seasonally adjusted]

Period	Total new construction expenditures	Private						Federal and State and local	Construction contracts <sup>3</sup>	
		Total	Residential		Commercial and industrial <sup>2</sup>	Other	Total value index (1996=100)		Commercial and industrial floor space (millions of square feet)	
			Total <sup>1</sup>	New housing units						
Billions of dollars										
1993 .....	491.0	375.1	225.1	150.9	81.5	68.5	116.0	82	589	
1994 .....	539.2	419.0	258.6	176.4	93.3	67.1	120.2	89	744	
1995 .....	557.8	427.9	247.4	171.4	110.9	69.7	129.9	92	862	
1996 .....	615.9	476.6	281.1	191.1	125.2	70.4	139.3	100	875	
1997 .....	653.4	502.7	289.0	198.1	136.6	77.1	150.7	109	1,027	
1998 .....	705.7	551.4	314.6	224.0	151.1	85.7	154.3	122	1,223	
1999 .....	765.9	596.3	350.6	251.3	153.1	92.7	169.5	135	1,255	
2000 .....	820.3	641.8	374.5	265.0	164.1	103.2	178.6	142	1,240	
2001 .....	842.5	650.0	388.7	279.8	155.8	105.5	192.5	.....	.....	
2002 <sup>p</sup> .....	846.2	641.8	414.8	297.0	120.4	106.6	204.1	.....	.....	
Annual rates										
2001: Dec .....	841.8	640.8	395.2	283.1	137.7	107.9	201.0	.....	.....	
2002: Jan .....	860.2	651.5	403.3	286.9	138.6	109.6	208.7	.....	.....	
Feb .....	874.3	659.4	413.5	293.8	134.9	111.0	214.9	.....	.....	
Mar .....	855.2	655.3	413.8	295.4	131.7	109.8	199.9	.....	.....	
Apr .....	856.9	656.7	411.8	295.6	131.0	113.8	200.2	.....	.....	
May .....	847.1	642.2	413.5	294.9	121.9	106.8	204.9	.....	.....	
June .....	833.7	634.6	410.8	292.8	119.1	104.7	199.1	.....	.....	
July .....	837.8	635.7	414.0	295.2	116.8	104.9	202.1	.....	.....	
Aug .....	829.8	627.1	409.3	292.7	113.4	104.4	202.8	.....	.....	
Sept <sup>r</sup> .....	832.2	626.5	412.2	296.7	110.1	104.2	205.7	.....	.....	
Oct <sup>r</sup> .....	840.0	636.8	418.0	299.7	111.3	107.5	203.2	.....	.....	
Nov .....	847.9	639.3	422.4	304.7	112.1	104.9	208.5	.....	.....	
Dec <sup>p</sup> .....	858.3	647.8	434.6	314.4	110.2	103.1	210.5	.....	.....	

<sup>1</sup> Includes residential improvements, not shown separately.

<sup>2</sup> Includes hotels and motels.

<sup>3</sup> F.W. Dodge series.

Sources: Department of Commerce (Bureau of the Census) and The McGraw-Hill Companies, Inc., F.W. Dodge Division.

## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or houses, except as noted]

Period	New private housing units						New private houses		Vacancy rate for rental housing units (percent) <sup>3</sup>
	Units started, by type of structure				Units authorized	Units completed	Houses sold	Houses for sale at end of period <sup>2</sup>	
	Total	1 unit	2-4 units <sup>1</sup>	5 units or more					
1993 .....	1,287.6	1,125.7	29.4	132.6	1,199.1	1,192.7	666	293	7.3
1994 .....	1,457.0	1,198.4	35.2	223.5	1,371.6	1,346.9	670	336	7.4
1995 .....	1,354.1	1,076.2	33.8	244.1	1,332.5	1,312.6	667	370	7.6
1996 .....	1,476.8	1,160.9	45.3	270.8	1,425.6	1,412.9	757	322	7.8
1997 .....	1,474.0	1,133.7	44.5	295.8	1,441.1	1,400.5	804	281	7.7
1998 .....	1,616.9	1,271.4	42.6	302.9	1,612.3	1,474.2	886	294	7.9
1999 .....	1,640.9	1,302.4	31.9	306.6	1,663.5	1,604.9	880	308	8.1
2000 .....	1,568.7	1,230.9	38.7	299.1	1,592.3	1,573.7	877	298	8.0
2001 .....	1,602.7	1,273.3	36.6	292.8	1,636.7	1,570.8	908	308	8.4
2002 <sup>p</sup> .....	1,704.9	1,359.7	38.8	306.3	1,726.3	1,650.7	976	338	9.0
Seasonally adjusted annual rates									
2001: Dec .....	1,583	1,294	17	272	1,702	1,705	979	308	8.8
2002: Jan .....	1,713	1,344	67	302	1,686	1,607	870	310	.....
Feb .....	1,788	1,472	43	273	1,766	1,669	937	314	.....
Mar .....	1,675	1,298	49	328	1,629	1,576	915	316	9.1
Apr .....	1,566	1,261	27	278	1,631	1,650	932	324	.....
May .....	1,742	1,380	37	325	1,676	1,702	974	329	.....
June .....	1,692	1,344	46	302	1,706	1,587	947	329	8.5
July .....	1,652	1,319	31	302	1,712	1,614	958	331	.....
Aug .....	1,631	1,249	31	351	1,666	1,710	1,047	331	.....
Sept .....	1,808	1,452	36	320	1,733	1,652	1,056	332	9.1
Oct <sup>r</sup> .....	1,660	1,375	32	253	1,772	1,579	1,006	334	.....
Nov <sup>r</sup> .....	1,747	1,404	34	309	1,738	1,728	1,045	336	.....
Dec <sup>p</sup> .....	1,835	1,473	41	321	1,887	1,683	1,082	338	9.4

<sup>1</sup> Derived; seasonally adjusted monthly data for 2-4 housing units started are no longer published.

<sup>2</sup> Seasonally adjusted.

<sup>3</sup> Revised series beginning 1994; data for 1993 reflect the revision. Quarterly data entered in last month of quarter.

NOTE.—Beginning 1994, units authorized are for 19,000 places. For other data shown, units authorized are for 17,000 places.

Beginning 1999, housing starts, completions, and sales are not directly comparable with earlier data due to new estimation methods.

Source: Department of Commerce, Bureau of the Census.

## NEW CONSTRUCTION

[Monthly data seasonally adjusted]

Period	Total new construction expenditures	Private						Federal and State and local	Construction contracts <sup>3</sup>	
		Total	Residential		Commercial and industrial <sup>2</sup>	Other	Total value index (1996=100)		Commercial and industrial floor space (millions of square feet)	
			Total <sup>1</sup>	New housing units						
Billions of dollars										
1993 .....	491.0	375.1	225.1	150.9	81.5	68.5	116.0	82	589	
1994 .....	539.2	419.0	258.6	176.4	93.3	67.1	120.2	89	744	
1995 .....	557.8	427.9	247.4	171.4	110.9	69.7	129.9	92	862	
1996 .....	615.9	476.6	281.1	191.1	125.2	70.4	139.3	100	875	
1997 .....	653.4	502.7	289.0	198.1	136.6	77.1	150.7	109	1,027	
1998 .....	705.7	551.4	314.6	224.0	151.1	85.7	154.3	122	1,223	
1999 .....	765.9	596.3	350.6	251.3	153.1	92.7	169.5	135	1,255	
2000 .....	820.3	641.8	374.5	265.0	164.1	103.2	178.6	142	1,240	
2001 .....	842.5	650.0	388.7	279.8	155.8	105.5	192.5	.....	.....	
2002 <sup>r</sup> .....	846.6	642.6	415.6	296.9	120.5	106.6	203.9	.....	.....	
Annual rates										
2002: Jan .....	860.2	651.5	403.3	286.9	138.6	109.6	208.7	.....	.....	
Feb .....	874.3	659.4	413.5	293.8	134.9	111.0	214.9	.....	.....	
Mar .....	855.2	655.3	413.8	295.4	131.7	109.8	199.9	.....	.....	
Apr .....	856.9	656.7	411.8	295.6	131.0	113.8	200.2	.....	.....	
May .....	847.1	642.2	413.5	294.9	121.9	106.8	204.9	.....	.....	
June .....	833.7	634.6	410.8	292.8	119.1	104.7	199.1	.....	.....	
July .....	837.8	635.7	414.0	295.2	116.8	104.9	202.1	.....	.....	
Aug .....	829.8	627.1	409.3	292.7	113.4	104.4	202.8	.....	.....	
Sept .....	832.2	626.5	412.2	296.7	110.1	104.2	205.7	.....	.....	
Oct .....	840.0	636.8	418.0	299.7	111.3	107.5	203.2	.....	.....	
Nov <sup>r</sup> .....	850.5	643.8	427.2	304.8	112.7	103.9	206.7	.....	.....	
Dec <sup>r</sup> .....	863.4	655.5	441.5	315.8	110.6	103.4	207.9	.....	.....	
2003: Jan <sup>p</sup> .....	877.9	667.9	452.6	328.6	110.7	104.6	210.0	.....	.....	

<sup>1</sup> Includes residential improvements, not shown separately.

<sup>2</sup> Includes hotels and motels.

<sup>3</sup> F.W. Dodge series.

Sources: Department of Commerce (Bureau of the Census) and The McGraw-Hill Companies, Inc., F.W. Dodge Division.

## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or houses, except as noted]

Period	New private housing units						New private houses		Vacancy rate for rental housing units (percent) <sup>3</sup>
	Units started, by type of structure				Units authorized	Units completed	Houses sold	Houses for sale at end of period <sup>2</sup>	
	Total	1 unit	2-4 units <sup>1</sup>	5 units or more					
1993 .....	1,287.6	1,125.7	29.4	132.6	1,199.1	1,192.7	666	293	7.3
1994 .....	1,457.0	1,198.4	35.2	223.5	1,371.6	1,346.9	670	336	7.4
1995 .....	1,354.1	1,076.2	33.8	244.1	1,332.5	1,312.6	667	370	7.6
1996 .....	1,476.8	1,160.9	45.3	270.8	1,425.6	1,412.9	757	322	7.8
1997 .....	1,474.0	1,133.7	44.5	295.8	1,441.1	1,400.5	804	281	7.7
1998 .....	1,616.9	1,271.4	42.6	302.9	1,612.3	1,474.2	886	294	7.9
1999 .....	1,640.9	1,302.4	31.9	306.6	1,663.5	1,604.9	880	308	8.1
2000 .....	1,568.7	1,230.9	38.7	299.1	1,592.3	1,573.7	877	298	8.0
2001 .....	1,602.7	1,273.3	36.6	292.8	1,636.7	1,570.8	908	308	8.4
2002 <sup>r</sup> .....	1,705.8	1,358.9	38.4	308.5	1,728.6	1,649.1	976	339	9.0
Seasonally adjusted annual rates									
2002: Jan .....	1,713	1,344	67	302	1,686	1,607	870	310	.....
Feb .....	1,788	1,472	43	273	1,766	1,669	937	314	.....
Mar .....	1,675	1,298	49	328	1,629	1,576	915	316	9.1
Apr .....	1,566	1,261	27	278	1,631	1,650	932	324	.....
May .....	1,742	1,380	37	325	1,676	1,702	974	329	.....
June .....	1,692	1,344	46	302	1,706	1,587	947	329	8.5
July .....	1,652	1,319	31	302	1,712	1,614	958	331	.....
Aug .....	1,631	1,249	31	351	1,666	1,710	1,047	331	.....
Sept .....	1,808	1,452	36	320	1,733	1,652	1,056	332	9.1
Oct .....	1,660	1,375	32	253	1,772	1,579	1,001	336	.....
Nov <sup>r</sup> .....	1,761	1,404	34	323	1,738	1,720	1,035	338	.....
Dec <sup>r</sup> .....	1,847	1,479	36	332	1,887	1,674	1,077	339	9.4
2003: Jan <sup>p</sup> .....	1,850	1,510	37	303	1,779	1,592	914	346	.....

<sup>1</sup> Derived; seasonally adjusted monthly data for 2-4 housing units started are no longer published.

<sup>2</sup> Seasonally adjusted.

<sup>3</sup> Revised series beginning 1994; data for 1993 reflect the revision. Quarterly data entered in last month of quarter.

NOTE.—Beginning 1994, units authorized are for 19,000 places. For other data shown, units authorized are for 17,000 places.

Beginning 1999, housing starts, completions, and sales are not directly comparable with earlier data due to new estimation methods.

Source: Department of Commerce, Bureau of the Census.

## NEW CONSTRUCTION

[Monthly data seasonally adjusted]

Period	Total new construction expenditures	Private						Federal and State and local	Construction contracts <sup>3</sup>	
		Total	Residential		Commercial and industrial <sup>2</sup>	Other	Total value index (1996=100)		Commercial and industrial floor space (millions of square feet)	
			Total <sup>1</sup>	New housing units						
Billions of dollars										
1993 .....	491.0	375.1	225.1	150.9	81.5	68.5	116.0	82	589	
1994 .....	539.2	419.0	258.6	176.4	93.3	67.1	120.2	89	744	
1995 .....	557.8	427.9	247.4	171.4	110.9	69.7	129.9	92	862	
1996 .....	615.9	476.6	281.1	191.1	125.2	70.4	139.3	100	875	
1997 .....	653.4	502.7	289.0	198.1	136.6	77.1	150.7	109	1,027	
1998 .....	705.7	551.4	314.6	224.0	151.1	85.7	154.3	122	1,223	
1999 .....	765.9	596.3	350.6	251.3	153.1	92.7	169.5	135	1,255	
2000 .....	820.3	641.8	374.5	265.0	164.1	103.2	178.6	142	1,240	
2001 .....	842.5	650.0	388.7	279.8	155.8	105.5	192.5	.....	.....	
2002 <sup>r</sup> .....	846.1	642.2	415.5	296.9	120.3	106.4	203.9	.....	.....	
Annual rates										
2002: Feb .....	874.3	659.4	413.5	293.8	134.9	111.0	214.9	.....	.....	
Mar .....	855.2	655.3	413.8	295.4	131.7	109.8	199.9	.....	.....	
Apr .....	856.9	656.7	411.8	295.6	131.0	113.8	200.2	.....	.....	
May .....	847.1	642.2	413.5	294.9	121.9	106.8	204.9	.....	.....	
June .....	833.7	634.6	410.8	292.8	119.1	104.7	199.1	.....	.....	
July .....	837.8	635.7	414.0	295.2	116.8	104.9	202.1	.....	.....	
Aug .....	829.8	627.1	409.3	292.7	113.4	104.4	202.8	.....	.....	
Sept .....	832.2	626.5	412.2	296.7	110.1	104.2	205.7	.....	.....	
Oct .....	840.0	636.8	418.0	299.7	111.3	107.5	203.2	.....	.....	
Nov .....	850.5	643.8	427.2	304.8	112.7	103.9	206.7	.....	.....	
Dec <sup>r</sup> .....	856.7	650.0	440.2	314.7	108.9	100.9	206.7	.....	.....	
2003: Jan <sup>r</sup> .....	873.7	663.8	451.5	327.2	111.0	101.3	210.0	.....	.....	
Feb <sup>r</sup> .....	872.2	668.4	454.4	328.1	110.6	103.4	203.8	.....	.....	

<sup>1</sup> Includes residential improvements, not shown separately.

<sup>2</sup> Includes hotels and motels.

<sup>3</sup> F.W. Dodge series.

Sources: Department of Commerce (Bureau of the Census) and The McGraw-Hill Companies, Inc., F.W. Dodge Division.

## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or houses, except as noted]

Period	New private housing units						New private houses		Vacancy rate for rental housing units (percent) <sup>3</sup>
	Units started, by type of structure				Units authorized	Units completed	Houses sold	Houses for sale at end of period <sup>2</sup>	
	Total	1 unit	2-4 units <sup>1</sup>	5 units or more					
1993 .....	1,287.6	1,125.7	29.4	132.6	1,199.1	1,192.7	666	293	3 7.3
1994 .....	1,457.0	1,198.4	35.2	223.5	1,371.6	1,346.9	670	336	7.4
1995 .....	1,354.1	1,076.2	33.8	244.1	1,332.5	1,312.6	667	370	7.6
1996 .....	1,476.8	1,160.9	45.3	270.8	1,425.6	1,412.9	757	322	7.8
1997 .....	1,474.0	1,133.7	44.5	295.8	1,441.1	1,400.5	804	281	7.7
1998 .....	1,616.9	1,271.4	42.6	302.9	1,612.3	1,474.2	886	294	7.9
1999 .....	1,640.9	1,302.4	31.9	306.6	1,663.5	1,604.9	880	308	8.1
2000 .....	1,568.7	1,230.9	38.7	299.1	1,592.3	1,573.7	877	298	8.0
2001 .....	1,602.7	1,273.3	36.6	292.8	1,636.7	1,570.8	908	308	8.4
2002 <sup>r</sup> .....	1,704.9	1,358.6	38.5	307.9	1,728.6	1,648.4	974	341	9.0
Seasonally adjusted annual rates									
2002: Feb .....	1,788	1,472	43	273	1,766	1,669	937	314	.....
Mar .....	1,675	1,298	49	328	1,629	1,576	915	316	9.1
Apr .....	1,566	1,261	27	278	1,631	1,650	932	324	.....
May .....	1,742	1,380	37	325	1,676	1,702	974	329	.....
June .....	1,692	1,344	46	302	1,706	1,587	947	329	8.5
July .....	1,652	1,319	31	302	1,712	1,614	958	331	.....
Aug .....	1,631	1,249	31	351	1,666	1,710	1,047	331	.....
Sept .....	1,808	1,452	36	320	1,733	1,652	1,056	332	9.1
Oct .....	1,660	1,375	32	253	1,772	1,579	1,001	336	.....
Nov .....	1,761	1,404	34	323	1,738	1,720	1,022	340	.....
Dec <sup>r</sup> .....	1,824	1,464	36	324	1,887	1,666	1,063	341	9.4
2003: Jan <sup>r</sup> .....	1,822	1,501	40	281	1,779	1,602	929	348	.....
Feb <sup>r</sup> .....	1,622	1,295	30	297	1,811	1,674	854	352	.....

<sup>1</sup> Derived; seasonally adjusted monthly data for 2-4 housing units started are no longer published.

<sup>2</sup> Seasonally adjusted.

<sup>3</sup> Revised series beginning 1994; data for 1993 reflect the revision. Quarterly data entered in last month of quarter.

NOTE.—Beginning 1994, units authorized are for 19,000 places. For other data shown, units authorized are for 17,000 places.

Beginning 1999, housing starts, completions, and sales are not directly comparable with earlier data due to new estimation methods.

Source: Department of Commerce, Bureau of the Census.

## NEW CONSTRUCTION

[Monthly data seasonally adjusted]

Period	Total new construction expenditures	Private						Federal and State and local	Construction contracts <sup>3</sup>	
		Total	Residential		Commercial and industrial <sup>2</sup>	Other	Total value index (1996=100)		Commercial and industrial floor space (millions of square feet)	
			Total <sup>1</sup>	New housing units						
Billions of dollars										
1993 .....	491.0	375.1	225.1	150.9	81.5	68.5	116.0	82	589	
1994 .....	539.2	419.0	258.6	176.4	93.3	67.1	120.2	89	744	
1995 .....	557.8	427.9	247.4	171.4	110.9	69.7	129.9	92	862	
1996 .....	615.9	476.6	281.1	191.1	125.2	70.4	139.3	100	875	
1997 .....	653.4	502.7	289.0	198.1	136.6	77.1	150.7	109	1,027	
1998 .....	705.7	551.4	314.6	224.0	151.1	85.7	154.3	122	1,223	
1999 .....	765.9	596.3	350.6	251.3	153.1	92.7	169.5	135	1,255	
2000 .....	820.3	641.8	374.5	265.0	164.1	103.2	178.6	142	1,240	
2001 .....	842.5	650.0	388.7	279.8	155.8	105.5	192.5	.....	.....	
2002 .....	846.1	642.2	415.5	296.9	120.3	106.4	203.9	.....	.....	
Annual rates										
2002: Mar .....	855.2	655.3	413.8	295.4	131.7	109.8	199.9	.....	.....	
Apr .....	856.9	656.7	411.8	295.6	131.0	113.8	200.2	.....	.....	
May .....	847.1	642.2	413.5	294.9	121.9	106.8	204.9	.....	.....	
June .....	833.7	634.6	410.8	292.8	119.1	104.7	199.1	.....	.....	
July .....	837.8	635.7	414.0	295.2	116.8	104.9	202.1	.....	.....	
Aug .....	829.8	627.1	409.3	292.7	113.4	104.4	202.8	.....	.....	
Sept .....	832.2	626.5	412.2	296.7	110.1	104.2	205.7	.....	.....	
Oct .....	840.0	636.8	418.0	299.7	111.3	107.5	203.2	.....	.....	
Nov .....	850.5	643.8	427.2	304.8	112.7	103.9	206.7	.....	.....	
Dec .....	856.7	650.0	440.2	314.7	108.9	100.9	206.7	.....	.....	
2003: Jan <sup>r</sup> .....	875.3	664.3	450.0	327.0	113.8	100.5	211.0	.....	.....	
Feb <sup>r</sup> .....	877.4	670.9	453.4	327.2	113.4	104.1	206.5	.....	.....	
Mar <sup>p</sup> .....	868.5	669.3	454.0	328.5	113.8	101.5	199.3	.....	.....	

<sup>1</sup> Includes residential improvements, not shown separately.

<sup>2</sup> Includes hotels and motels.

<sup>3</sup> F.W. Dodge series.

Sources: Department of Commerce (Bureau of the Census) and The McGraw-Hill Companies, Inc., F.W. Dodge Division.

## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or houses, except as noted]

Period	New private housing units						New private houses		Vacancy rate for rental housing units (percent) <sup>3</sup>
	Units started, by type of structure				Units authorized	Units completed	Houses sold	Houses for sale at end of period <sup>2</sup>	
	Total	1 unit	2-4 units <sup>1</sup>	5 units or more					
1993 .....	1,287.6	1,125.7	29.4	132.6	1,199.1	1,192.7	666	293	7.3
1994 .....	1,457.0	1,198.4	35.2	223.5	1,371.6	1,346.9	670	336	7.4
1995 .....	1,354.1	1,076.2	33.8	244.1	1,332.5	1,312.6	667	370	7.6
1996 .....	1,476.8	1,160.9	45.3	270.8	1,425.6	1,412.9	757	322	7.8
1997 .....	1,474.0	1,133.7	44.5	295.8	1,441.1	1,400.5	804	281	7.7
1998 .....	1,616.9	1,271.4	42.6	302.9	1,612.3	1,474.2	886	294	7.9
1999 .....	1,640.9	1,302.4	31.9	306.6	1,663.5	1,604.9	880	308	8.1
2000 .....	1,568.7	1,230.9	38.7	299.1	1,592.3	1,573.7	877	298	8.0
2001 .....	1,602.7	1,273.3	36.6	292.8	1,636.7	1,570.8	908	308	8.4
2002 .....	1,704.9	1,358.6	38.5	307.9	1,728.6	1,648.4	974	340	9.0
Seasonally adjusted annual rates									
2002: Mar .....	1,675	1,298	49	328	1,629	1,576	915	316	9.1
Apr .....	1,566	1,261	27	278	1,631	1,650	932	324	.....
May .....	1,742	1,380	37	325	1,676	1,702	974	329	.....
June .....	1,692	1,344	46	302	1,706	1,587	947	329	8.4
July .....	1,652	1,319	31	302	1,712	1,614	958	331	.....
Aug .....	1,631	1,249	31	351	1,666	1,710	1,047	331	.....
Sept .....	1,808	1,452	36	320	1,733	1,652	1,056	332	9.0
Oct .....	1,660	1,375	32	253	1,772	1,579	1,001	336	.....
Nov .....	1,761	1,404	34	323	1,738	1,720	1,022	340	.....
Dec .....	1,824	1,464	36	324	1,887	1,666	1,076	340	9.3
2003: Jan <sup>r</sup> .....	1,834	1,512	42	280	1,779	1,629	975	344	.....
Feb <sup>r</sup> .....	1,644	1,313	29	302	1,811	1,676	943	344	.....
Mar <sup>p</sup> .....	1,780	1,414	37	329	1,692	1,631	1,012	339	9.4

<sup>1</sup> Derived; seasonally adjusted monthly data for 2-4 housing units started are no longer published.

<sup>2</sup> Seasonally adjusted.

<sup>3</sup> Revised series beginning 1994; data for 1993 reflect the revision. Quarterly data entered in last month of quarter.

NOTE.—Beginning 1994, units authorized are for 19,000 places. For other data shown, units authorized are for 17,000 places.

Beginning 1999, housing starts, completions, and sales are not directly comparable with earlier data due to new estimation methods.

Source: Department of Commerce, Bureau of the Census.

## NEW CONSTRUCTION

[Monthly data seasonally adjusted]

Period	Total new construction expenditures	Private						Federal and State and local	Construction contracts <sup>3</sup>	
		Total	Residential		Commercial and industrial <sup>2</sup>	Other	Total value index (1996=100)		Commercial and industrial floor space (millions of square feet)	
			Total <sup>1</sup>	New housing units						
Billions of dollars										
1993 .....	491.0	375.1	225.1	150.9	81.5	68.5	116.0	82	589	
1994 .....	539.2	419.0	258.6	176.4	93.3	67.1	120.2	89	744	
1995 .....	557.8	427.9	247.4	171.4	110.9	69.7	129.9	92	862	
1996 .....	615.9	476.6	281.1	191.1	125.2	70.4	139.3	100	875	
1997 .....	653.4	502.7	289.0	198.1	136.6	77.1	150.7	109	1,027	
1998 .....	705.7	551.4	314.6	224.0	151.1	85.7	154.3	122	1,223	
1999 .....	765.9	596.3	350.6	251.3	153.1	92.7	169.5	135	1,255	
2000 .....	820.3	641.8	374.5	265.0	164.1	103.2	178.6	142	1,240	
2001 .....	842.5	650.0	388.7	279.8	155.8	105.5	192.5	.....	.....	
2002 .....	846.1	642.2	415.5	296.9	120.3	106.4	203.9	.....	.....	
Annual rates										
2002: Apr .....	856.9	656.7	411.8	295.6	131.0	113.8	200.2	.....	.....	
May .....	847.1	642.2	413.5	294.9	121.9	106.8	204.9	.....	.....	
June .....	833.7	634.6	410.8	292.8	119.1	104.7	199.1	.....	.....	
July .....	837.8	635.7	414.0	295.2	116.8	104.9	202.1	.....	.....	
Aug .....	829.8	627.1	409.3	292.7	113.4	104.4	202.8	.....	.....	
Sept .....	832.2	626.5	412.2	296.7	110.1	104.2	205.7	.....	.....	
Oct .....	840.0	636.8	418.0	299.7	111.3	107.5	203.2	.....	.....	
Nov .....	850.5	643.8	427.2	304.8	112.7	103.9	206.7	.....	.....	
Dec .....	856.7	650.0	440.2	314.7	108.9	100.9	206.7	.....	.....	
2003: Jan .....	875.3	664.3	450.0	327.0	113.8	100.5	211.0	.....	.....	
Feb <sup>r</sup> .....	873.5	666.5	452.2	327.1	111.9	102.4	207.0	.....	.....	
Mar <sup>r</sup> .....	864.8	664.1	451.4	327.3	112.6	100.2	200.7	.....	.....	
Apr <sup>p</sup> .....	862.6	661.4	449.9	325.6	108.4	103.0	201.2	.....	.....	

<sup>1</sup> Includes residential improvements, not shown separately.

<sup>2</sup> Includes hotels and motels.

<sup>3</sup> F.W. Dodge series.

Sources: Department of Commerce (Bureau of the Census) and The McGraw-Hill Companies, Inc., F.W. Dodge Division.

## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or houses, except as noted]

Period	New private housing units						New private houses		Vacancy rate for rental housing units (percent) <sup>3</sup>
	Units started, by type of structure				Units authorized	Units completed	Houses sold	Houses for sale at end of period <sup>2</sup>	
	Total	1 unit	2-4 units <sup>1</sup>	5 units or more					
1993 .....	1,287.6	1,125.7	29.4	132.6	1,199.1	1,192.7	666	293	7.3
1994 .....	1,457.0	1,198.4	35.2	223.5	1,371.6	1,346.9	670	336	7.4
1995 .....	1,354.1	1,076.2	33.8	244.1	1,332.5	1,312.6	667	370	7.6
1996 .....	1,476.8	1,160.9	45.3	270.8	1,425.6	1,412.9	757	322	7.8
1997 .....	1,474.0	1,133.7	44.5	295.8	1,441.1	1,400.5	804	281	7.7
1998 .....	1,616.9	1,271.4	42.6	302.9	1,612.3	1,474.2	886	294	7.9
1999 .....	1,640.9	1,302.4	31.9	306.6	1,663.5	1,604.9	880	308	8.1
2000 .....	1,568.7	1,230.9	38.7	299.1	1,592.3	1,573.7	877	298	8.0
2001 .....	1,602.7	1,273.3	36.6	292.8	1,636.7	1,570.8	908	308	8.4
2002 .....	1,704.9	1,358.6	38.5	307.9	1,747.7	1,648.4	973	339	9.0
Seasonally adjusted annual rates									
2002: Apr <sup>r</sup> .....	1,587	1,275	27	285	1,662	1,643	916	324	.....
May <sup>r</sup> .....	1,752	1,389	37	326	1,721	1,713	981	328	.....
June <sup>r</sup> .....	1,709	1,359	47	303	1,746	1,591	959	328	8.4
July <sup>r</sup> .....	1,666	1,329	31	306	1,742	1,612	961	331	.....
Aug <sup>r</sup> .....	1,630	1,249	31	350	1,704	1,705	1,025	332	.....
Sept <sup>r</sup> .....	1,810	1,449	37	324	1,803	1,655	1,057	333	9.0
Oct <sup>r</sup> .....	1,653	1,366	33	254	1,813	1,591	1,005	336	.....
Nov <sup>r</sup> .....	1,760	1,403	34	323	1,764	1,706	1,022	338	.....
Dec <sup>r</sup> .....	1,815	1,462	35	318	1,907	1,674	1,052	339	9.3
2003: Jan <sup>r</sup> .....	1,828	1,509	41	278	1,777	1,647	1,009	343	.....
Feb <sup>r</sup> .....	1,640	1,312	30	298	1,786	1,672	934	343	.....
Mar <sup>r</sup> .....	1,748	1,398	35	315	1,688	1,635	1,011	338	9.4
Apr <sup>p</sup> .....	1,630	1,356	30	244	1,724	1,700	1,028	338	.....

<sup>1</sup> Derived; seasonally adjusted monthly data for 2-4 housing units started are no longer published.

<sup>2</sup> Seasonally adjusted.

<sup>3</sup> Revised series beginning 1994; data for 1993 reflect the revision. Quarterly data entered in last month of quarter.

NOTE.—Beginning 1994, units authorized are for 19,000 places. For other data shown, units authorized are for 17,000 places.

Beginning 1999, housing starts, completions, and sales are not directly comparable with earlier data due to new estimation methods.

Data for housing units authorized, started, and completed and for houses sold reflect annual revisions.

Source: Department of Commerce, Bureau of the Census.

## NEW CONSTRUCTION

[Monthly data seasonally adjusted]

Period	Total new construction expenditures	Private						Federal and State and local	Construction contracts <sup>3</sup>	
		Total	Residential		Commercial and industrial <sup>2</sup>	Other	Total value index (1996=100)		Commercial and industrial floor space (millions of square feet)	
			Total <sup>1</sup>	New housing units						
Billions of dollars										
1993	491.0	375.1	225.1	150.9	81.5	68.5	116.0	82	589	
1994	539.2	419.0	258.6	176.4	93.3	67.1	120.2	89	744	
1995	557.8	427.9	247.4	171.4	110.9	69.7	129.9	92	862	
1996	615.9	476.6	281.1	191.1	125.2	70.4	139.3	100	875	
1997	653.4	502.7	289.0	198.1	136.6	77.1	150.7	109	1,027	
1998	705.7	551.4	314.6	224.0	151.1	85.7	154.3	122	1,223	
1999 <sup>r</sup>	766.1	596.3	350.6	251.3	153.1	92.7	169.7	135	1,255	
2000 <sup>r</sup>	828.8	642.6	374.5	265.0	164.1	104.1	186.1	142	1,240	
2001 <sup>r</sup>	852.6	652.5	388.3	279.4	157.0	107.1	200.1			
2002 <sup>r</sup>	860.9	650.5	421.5	298.5	120.3	108.7	210.4			
Annual rates										
2002: May <sup>r</sup>	860.6	648.0	417.2	296.9	123.2	107.6	212.6			
June <sup>r</sup>	851.4	645.7	418.0	296.6	120.0	107.7	205.6			
July <sup>r</sup>	856.7	649.0	426.4	297.8	116.3	106.3	207.6			
Aug <sup>r</sup>	842.7	634.9	422.2	295.7	113.8	98.9	207.8			
Sept <sup>r</sup>	843.2	631.8	417.6	298.9	113.4	100.8	211.4			
Oct <sup>r</sup>	849.5	640.2	421.4	301.8	113.5	105.3	209.3			
Nov <sup>r</sup>	869.1	653.9	432.6	306.6	113.5	107.7	215.3			
Dec <sup>r</sup>	879.4	663.3	446.6	316.5	108.0	108.7	216.1			
2003: Jan <sup>r</sup>	899.3	678.1	456.3	328.6	113.5	108.4	221.2			
Feb <sup>r</sup>	899.5	680.3	461.2	330.4	111.3	107.8	219.2			
Mar <sup>r</sup>	890.8	680.8	454.0	326.6	112.8	114.0	210.0			
Apr <sup>r</sup>	885.0	673.9	449.5	324.5	110.3	114.1	211.1			
May <sup>p</sup>	869.8	662.6	445.4	322.1	110.4	106.8	207.2			

<sup>1</sup> Includes residential improvements, not shown separately.

<sup>2</sup> Includes hotels and motels.

<sup>3</sup> F.W. Dodge series.

NOTE.—Data beginning 1999 reflect annual revisions.

Sources: Department of Commerce (Bureau of the Census) and The McGraw-Hill Companies, Inc., F.W. Dodge Division.

## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or houses, except as noted]

Period	New private housing units						New private houses		Vacancy rate for rental housing units (percent) <sup>3</sup>
	Units started, by type of structure				Units authorized	Units completed	Houses sold	Houses for sale at end of period <sup>2</sup>	
	Total	1 unit	2-4 units <sup>1</sup>	5 units or more					
1993	1,287.6	1,125.7	29.4	132.6	1,199.1	1,192.7	666	293	7.3
1994	1,457.0	1,198.4	35.2	223.5	1,371.6	1,346.9	670	336	7.4
1995	1,354.1	1,076.2	33.8	244.1	1,332.5	1,312.6	667	370	7.6
1996	1,476.8	1,160.9	45.3	270.8	1,425.6	1,412.9	757	322	7.8
1997	1,474.0	1,133.7	44.5	295.8	1,441.1	1,400.5	804	281	7.7
1998	1,616.9	1,271.4	42.6	302.9	1,612.3	1,474.2	886	294	7.9
1999	1,640.9	1,302.4	31.9	306.6	1,663.5	1,604.9	880	308	8.1
2000	1,568.7	1,230.9	38.7	299.1	1,592.3	1,573.7	877	298	8.0
2001	1,602.7	1,273.3	36.6	292.8	1,636.7	1,570.8	908	308	8.4
2002	1,704.9	1,358.6	38.5	307.9	1,747.7	1,648.4	973	339	9.0
Seasonally adjusted annual rates									
2002: May	1,752	1,389	37	326	1,721	1,713	981	328	
June	1,709	1,359	47	303	1,746	1,591	959	328	8.4
July	1,666	1,329	31	306	1,742	1,612	961	331	
Aug	1,630	1,249	31	350	1,704	1,705	1,025	332	
Sept	1,810	1,449	37	324	1,803	1,655	1,057	333	9.0
Oct	1,653	1,366	33	254	1,813	1,591	1,005	336	
Nov	1,760	1,403	34	323	1,764	1,706	1,022	338	
Dec	1,815	1,462	35	318	1,907	1,674	1,052	339	9.3
2003: Jan	1,828	1,509	41	278	1,777	1,647	1,009	343	
Feb	1,640	1,312	30	298	1,786	1,672	935	343	
Mar <sup>r</sup>	1,742	1,393	36	313	1,688	1,621	1,018	340	9.4
Apr <sup>632</sup>	1,358	31	243	1,724	1,707	1,028	338		
May <sup>p</sup>	1,732	1,378	26	328	1,803	1,784	1,157	336	

<sup>1</sup> Derived; seasonally adjusted monthly data for 2-4 housing units started are no longer published.

<sup>2</sup> Seasonally adjusted.

<sup>3</sup> Revised series beginning 1994; data for 1993 reflect the revision. Quarterly data entered in last month of quarter.

NOTE.—Beginning 1994, units authorized are for 19,000 places. For other data shown, units

authorized are for 17,000 places.

Beginning 1999, housing starts, completions, and sales are not directly comparable with earlier data due to new estimation methods.

Source: Department of Commerce, Bureau of the Census.

## NEW CONSTRUCTION

[Billions of dollars; monthly data at seasonally adjusted annual rates]

Period	Total new construction expenditures	Private									Federal and State and local
		Total	Residential		Nonresidential						
			Total <sup>1</sup>	New housing	Total	Lodging	Office	Commercial (including farm)	Manufacturing	Other <sup>2</sup>	
1993	491.0	375.1	225.1	150.9	150.0	4.6	20.0	34.4	23.4	67.7	116.0
1994	539.2	419.0	258.6	176.4	160.4	4.7	20.4	39.6	28.8	66.9	120.2
1995	557.8	427.9	247.4	171.4	180.5	7.1	23.0	44.1	35.4	70.9	129.9
1996	615.9	476.6	281.1	191.1	195.5	10.9	26.5	49.4	38.1	70.6	139.3
1997	653.4	502.7	289.0	198.1	213.7	12.9	32.8	53.1	37.6	77.3	150.7
1998	705.7	551.4	314.6	224.0	236.8	14.8	40.4	55.7	40.5	85.4	154.3
1999	766.1	596.3	350.6	251.3	245.8	16.0	45.1	59.4	32.6	92.8	169.7
2000	828.8	642.6	374.5	265.0	268.2	16.3	52.4	64.1	31.8	103.6	186.1
2001	852.6	652.5	388.3	279.4	264.2	14.5	49.7	63.6	29.5	106.8	200.1
2002	860.9	650.5	421.5	298.5	229.0	10.3	35.1	58.2	16.6	108.7	210.4
2002: June <sup>r</sup>	855.0	646.9	420.1	297.0	226.8	10.5	34.3	57.7	17.0	107.2	208.1
July	858.7	648.2	423.9	299.5	224.3	10.0	34.7	55.4	16.1	108.1	210.5
Aug <sup>r</sup>	848.6	638.1	423.6	298.7	214.6	9.5	33.9	56.6	15.1	99.5	210.5
Sept <sup>r</sup>	854.9	641.5	425.7	302.1	215.8	9.4	33.6	57.8	14.2	100.8	213.3
Oct <sup>r</sup>	861.9	651.1	429.9	305.7	221.2	9.7	33.5	57.4	14.6	106.1	210.8
Nov <sup>r</sup>	870.0	656.4	434.4	310.0	222.0	9.0	33.2	56.9	14.6	108.2	213.6
Dec <sup>r</sup>	872.1	658.2	441.5	315.6	216.8	8.9	32.1	52.3	13.9	109.6	213.8
2003: Jan <sup>r</sup>	883.2	667.6	450.0	323.6	217.6	9.2	30.8	56.8	14.0	106.7	215.6
Feb <sup>r</sup>	876.5	665.1	448.5	322.8	216.5	9.3	29.7	54.8	13.6	109.2	211.4
Mar <sup>r</sup>	875.2	668.8	447.1	321.7	221.6	10.1	29.7	55.6	14.0	112.2	206.5
Apr <sup>r</sup>	871.9	662.8	443.9	320.3	218.9	10.4	29.3	54.7	13.9	110.6	209.1
May <sup>r</sup>	870.1	660.0	442.7	320.3	217.3	10.7	29.0	55.2	13.7	108.7	210.1
June <sup>p</sup>	872.5	660.3	443.0	321.0	217.3	10.4	29.9	56.4	13.4	107.2	212.2

<sup>1</sup> Includes residential improvements, not shown separately.

<sup>2</sup> Includes health care, educational, communication, and power, among other categories not shown separately.

NOTE.—Data beginning 1993 have been released in a new format; monthly data have been revised. For details see, *Construction* release for June 2003, issued August 4, 2003.

Source: Department of Commerce, Bureau of the Census.

## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or houses, except as noted]

Period	New private housing units					New private houses			Vacancy rate for rental housing units (percent) <sup>3</sup>
	Units started, by type of structure				Units authorized	Units completed	Houses sold	Houses for sale at end of period <sup>2</sup>	
	Total	1 unit	2–4 units <sup>1</sup>	5 units or more					
1993	1,287.6	1,125.7	29.4	132.6	1,199.1	1,192.7	666	293	7.3
1994	1,457.0	1,198.4	35.2	223.5	1,371.6	1,346.9	670	336	7.4
1995	1,354.1	1,076.2	33.8	244.1	1,332.5	1,312.6	667	370	7.6
1996	1,476.8	1,160.9	45.3	270.8	1,425.6	1,412.9	757	322	7.8
1997	1,474.0	1,133.7	44.5	295.8	1,441.1	1,400.5	804	281	7.7
1998	1,616.9	1,271.4	42.6	302.9	1,612.3	1,474.2	886	294	7.9
1999	1,640.9	1,302.4	31.9	306.6	1,663.5	1,604.9	880	308	8.1
2000	1,568.7	1,230.9	38.7	299.1	1,592.3	1,573.7	877	298	8.0
2001	1,602.7	1,273.3	36.6	292.8	1,636.7	1,570.8	908	308	8.4
2002	1,704.9	1,358.6	38.5	307.9	1,747.7	1,648.4	973	339	9.0
	Seasonally adjusted annual rates								
2002: June	1,709	1,359	47	303	1,746	1,591	959	328	8.4
July	1,666	1,329	31	306	1,742	1,612	961	331	.....
Aug	1,630	1,249	31	350	1,704	1,705	1,025	332	.....
Sept	1,810	1,449	37	324	1,803	1,655	1,057	333	9.0
Oct	1,653	1,366	33	254	1,813	1,591	1,005	336	.....
Nov	1,760	1,403	34	323	1,764	1,706	1,022	338	.....
Dec	1,815	1,462	35	318	1,907	1,674	1,052	339	9.3
2003: Jan	1,828	1,509	41	278	1,777	1,647	1,009	343	.....
Feb	1,640	1,312	30	298	1,786	1,672	935	343	.....
Mar	1,742	1,393	36	313	1,688	1,621	1,008	341	9.4
Apr <sup>r</sup>	1,627	1,357	31	239	1,724	1,680	999	342	.....
May <sup>r</sup>	1,738	1,388	24	326	1,803	1,743	1,108	341	.....
June <sup>p</sup>	1,803	1,462	29	312	1,823	1,673	1,160	345	9.6

<sup>1</sup> Derived; seasonally adjusted monthly data for 2–4 housing units started are no longer published.

<sup>2</sup> Seasonally adjusted.

<sup>3</sup> Revised series beginning 1994; data for 1993 reflect the revision. Quarterly data entered in last month of quarter.

NOTE.—Beginning 1994, units authorized are for 19,000 places. For other data shown, units

authorized are for 17,000 places.

Beginning 1999, housing starts, completions, and sales are not directly comparable with earlier data due to new estimation methods.

Source: Department of Commerce, Bureau of the Census.

## NEW CONSTRUCTION

[Billions of dollars; monthly data at seasonally adjusted annual rates]

Period	Total new construction expenditures	Private									Federal and State and local
		Total	Residential		Nonresidential						
			Total <sup>1</sup>	New housing	Total	Lodging	Office	Commercial (including farm)	Manufacturing	Other <sup>2</sup>	
1993	491.0	375.1	225.1	150.9	150.0	4.6	20.0	34.4	23.4	67.7	116.0
1994	539.2	419.0	258.6	176.4	160.4	4.7	20.4	39.6	28.8	66.9	120.2
1995	557.8	427.9	247.4	171.4	180.5	7.1	23.0	44.1	35.4	70.9	129.9
1996	615.9	476.6	281.1	191.1	195.5	10.9	26.5	49.4	38.1	70.6	139.3
1997	653.4	502.7	289.0	198.1	213.7	12.9	32.8	53.1	37.6	77.3	150.7
1998	705.7	551.4	314.6	224.0	236.8	14.8	40.4	55.7	40.5	85.4	154.3
1999	766.1	596.3	350.6	251.3	245.8	16.0	45.1	59.4	32.6	92.8	169.7
2000	828.8	642.6	374.5	265.0	268.2	16.3	52.4	64.1	31.8	103.6	186.1
2001	852.6	652.5	388.3	279.4	264.2	14.5	49.7	63.6	29.5	106.8	200.1
2002	860.9	650.5	421.5	298.5	229.0	10.3	35.1	58.2	16.6	108.7	210.4
2002: July	858.7	648.2	423.9	299.5	224.3	10.0	34.7	55.4	16.1	108.1	210.5
Aug	848.6	638.1	423.6	298.7	214.6	9.5	33.9	56.6	15.1	99.5	210.5
Sept	854.9	641.5	425.7	302.1	215.8	9.4	33.6	57.8	14.2	100.8	213.3
Oct	861.9	651.1	429.9	305.7	221.2	9.7	33.5	57.4	14.6	106.1	210.8
Nov	870.0	656.4	434.4	310.0	222.0	9.0	33.2	56.9	14.6	108.2	213.6
Dec	872.1	658.2	441.5	315.6	216.8	8.9	32.1	52.3	13.9	109.6	213.8
2003: Jan	883.2	667.6	450.0	323.6	217.6	9.2	30.8	56.8	14.0	106.7	215.6
Feb	876.5	665.1	448.5	322.8	216.5	9.3	29.7	54.8	13.6	109.2	211.4
Mar	875.2	668.8	447.1	321.7	221.6	10.1	29.7	55.6	14.0	112.2	206.5
Apr	871.9	662.8	443.9	320.3	218.9	10.4	29.3	54.7	13.9	110.6	209.1
May <sup>r</sup>	871.9	660.9	444.9	324.2	216.1	10.8	28.6	55.3	14.2	107.2	210.9
June <sup>r</sup>	877.8	661.1	446.8	327.0	214.3	10.2	29.5	55.6	13.5	105.5	216.7
July <sup>p</sup>	879.8	664.2	449.6	332.3	214.5	10.0	28.4	57.1	12.8	106.3	215.7

<sup>1</sup> Includes residential improvements, not shown separately.

Source: Department of Commerce, Bureau of the Census.

<sup>2</sup> Includes health care, educational, communication, and power, among other categories not shown separately.

## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or houses, except as noted]

Period	New private housing units						New private houses		Vacancy rate for rental housing units (percent) <sup>3</sup>
	Units started, by type of structure				Units authorized	Units completed	Houses sold	Houses for sale at end of period <sup>2</sup>	
	Total	1 unit	2-4 units <sup>1</sup>	5 units or more					
1993	1,287.6	1,125.7	29.4	132.6	1,199.1	1,192.7	666	293	<sup>3</sup> 7.3
1994	1,457.0	1,198.4	35.2	223.5	1,371.6	1,346.9	670	336	7.4
1995	1,354.1	1,076.2	33.8	244.1	1,332.5	1,312.6	667	370	7.6
1996	1,476.8	1,160.9	45.3	270.8	1,425.6	1,412.9	757	322	7.8
1997	1,474.0	1,133.7	44.5	295.8	1,441.1	1,400.5	804	281	7.7
1998	1,616.9	1,271.4	42.6	302.9	1,612.3	1,474.2	886	294	7.9
1999	1,640.9	1,302.4	31.9	306.6	1,663.5	1,604.9	880	308	8.1
2000	1,568.7	1,230.9	38.7	299.1	1,592.3	1,573.7	877	298	8.0
2001	1,602.7	1,273.3	36.6	292.8	1,636.7	1,570.8	908	308	8.4
2002	1,704.9	1,358.6	38.5	307.9	1,747.7	1,648.4	973	339	9.0
	Seasonally adjusted annual rates								
2002: July	1,666	1,329	31	306	1,742	1,612	961	331	.....
Aug	1,630	1,249	31	350	1,704	1,705	1,025	332	.....
Sept	1,810	1,449	37	324	1,803	1,655	1,057	333	9.0
Oct	1,653	1,366	33	254	1,813	1,591	1,005	336	.....
Nov	1,760	1,403	34	323	1,764	1,706	1,022	338	.....
Dec	1,815	1,462	35	318	1,907	1,674	1,052	339	9.3
2003: Jan	1,828	1,509	41	278	1,777	1,647	1,009	343	.....
Feb	1,640	1,312	30	298	1,786	1,672	935	343	.....
Mar	1,742	1,393	36	313	1,688	1,621	1,008	341	9.4
Apr	1,627	1,357	31	239	1,724	1,680	<sup>r</sup> 1,004	<sup>r</sup> 341	.....
May <sup>r</sup>	1,745	1,389	27	329	1,803	1,742	1,108	342	.....
June <sup>r</sup>	1,845	1,492	28	325	1,823	1,677	1,200	340	9.6
July <sup>p</sup>	1,872	1,521	32	319	1,800	1,671	1,165	338	.....

<sup>1</sup> Derived; seasonally adjusted monthly data for 2-4 housing units started are no longer published.

<sup>2</sup> Seasonally adjusted.

<sup>3</sup> Revised series beginning 1994; data for 1993 reflect the revision. Quarterly data entered in last month of quarter.

NOTE.—Beginning 1994, units authorized are for 19,000 places. For other data shown, units

authorized are for 17,000 places.

Beginning 1999, housing starts, completions, and sales are not directly comparable with earlier data due to new estimation methods.

Source: Department of Commerce, Bureau of the Census.

## NEW CONSTRUCTION

[Billions of dollars; monthly data at seasonally adjusted annual rates]

Period	Total new construction expenditures	Private									Federal and State and local
		Total	Residential			Nonresidential					
			Total <sup>1</sup>	New housing	Total	Lodging	Office	Commercial (including farm)	Manufacturing	Other <sup>2</sup>	
1993	491.0	375.1	225.1	150.9	150.0	4.6	20.0	34.4	23.4	67.7	116.0
1994	539.2	419.0	258.6	176.4	160.4	4.7	20.4	39.6	28.8	66.9	120.2
1995	557.8	427.9	247.4	171.4	180.5	7.1	23.0	44.1	35.4	70.9	129.9
1996	615.9	476.6	281.1	191.1	195.5	10.9	26.5	49.4	38.1	70.6	139.3
1997	653.4	502.7	289.0	198.1	213.7	12.9	32.8	53.1	37.6	77.3	150.7
1998	705.7	551.4	314.6	224.0	236.8	14.8	40.4	55.7	40.5	85.4	154.3
1999	766.1	596.3	350.6	251.3	245.8	16.0	45.1	59.4	32.6	92.8	169.7
2000	828.8	642.6	374.5	265.0	268.2	16.3	52.4	64.1	31.8	103.6	186.1
2001	852.6	652.5	388.3	279.4	264.2	14.5	49.7	63.6	29.5	106.8	200.1
2002	860.9	650.5	421.5	298.5	229.0	10.3	35.1	58.2	16.6	108.7	210.4
2002: Aug	848.6	638.1	423.6	298.7	214.6	9.5	33.9	56.6	15.1	99.5	210.5
Sept	854.9	641.5	425.7	302.1	215.8	9.4	33.6	57.8	14.2	100.8	213.3
Oct	861.9	651.1	429.9	305.7	221.2	9.7	33.5	57.4	14.6	106.1	210.8
Nov	870.0	656.4	434.4	310.0	222.0	9.0	33.2	56.9	14.6	108.2	213.6
Dec	872.1	658.2	441.5	315.6	216.8	8.9	32.1	52.3	13.9	109.6	213.8
2003: Jan	883.2	667.6	450.0	323.6	217.6	9.2	30.8	56.8	14.0	106.7	215.6
Feb	876.5	665.1	448.5	322.8	216.5	9.3	29.7	54.8	13.6	109.2	211.4
Mar	875.2	668.8	447.1	321.7	221.6	10.1	29.7	55.6	14.0	112.2	206.5
Apr	871.9	662.8	443.9	320.3	218.9	10.4	29.3	54.7	13.9	110.6	209.1
May	871.9	660.9	444.9	324.2	216.1	10.8	28.6	55.3	14.2	107.2	210.9
June <sup>r</sup>	878.8	661.5	444.4	326.3	217.1	10.3	29.3	56.9	14.5	106.0	217.2
July <sup>r</sup>	880.8	664.8	447.0	331.2	217.8	9.9	28.7	58.8	13.5	107.1	216.0
Aug <sup>p</sup>	882.7	665.4	453.4	337.4	212.0	10.0	28.5	59.9	13.7	100.0	217.3

<sup>1</sup> Includes residential improvements, not shown separately.

Source: Department of Commerce, Bureau of the Census.

<sup>2</sup> Includes health care, educational, communication, and power, among other categories not shown separately.

## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or houses, except as noted]

Period	New private housing units						New private houses		Vacancy rate for rental housing units (percent) <sup>3</sup>
	Units started, by type of structure				Units authorized	Units completed	Houses sold	Houses for sale at end of period <sup>2</sup>	
	Total	1 unit	2-4 units <sup>1</sup>	5 units or more					
1993	1,287.6	1,125.7	29.4	132.6	1,199.1	1,192.7	666	293	<sup>3</sup> 7.3
1994	1,457.0	1,198.4	35.2	223.5	1,371.6	1,346.9	670	336	7.4
1995	1,354.1	1,076.2	33.8	244.1	1,332.5	1,312.6	667	370	7.6
1996	1,476.8	1,160.9	45.3	270.8	1,425.6	1,412.9	757	322	7.8
1997	1,474.0	1,133.7	44.5	295.8	1,441.1	1,400.5	804	281	7.7
1998	1,616.9	1,271.4	42.6	302.9	1,612.3	1,474.2	886	294	7.9
1999	1,640.9	1,302.4	31.9	306.6	1,663.5	1,604.9	880	308	8.1
2000	1,568.7	1,230.9	38.7	299.1	1,592.3	1,573.7	877	298	8.0
2001	1,602.7	1,273.3	36.6	292.8	1,636.7	1,570.8	908	308	8.4
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	Seasonally adjusted annual rates								
2002: Aug	1,630	1,249	31	350	1,704	1,705	1,025	332	.....
Sept	1,810	1,449	37	324	1,803	1,655	1,057	333	9.0
Oct	1,653	1,366	33	254	1,813	1,591	1,005	336	.....
Nov	1,760	1,403	34	323	1,764	1,706	1,022	338	.....
Dec	1,815	1,462	35	318	1,907	1,674	1,052	339	9.3
2003: Jan	1,828	1,509	41	278	1,777	1,647	1,009	343	.....
Feb	1,640	1,312	30	298	1,786	1,672	935	343	.....
Mar	1,742	1,393	36	313	1,688	1,621	1,008	341	9.4
Apr	1,627	1,357	31	239	1,724	1,680	1,004	341	.....
May	1,745	1,389	27	329	1,803	1,742	1,081	344	.....
June <sup>r</sup>	1,844	1,499	28	317	1,823	1,663	1,179	343	9.6
July <sup>r</sup>	1,892	1,537	34	321	1,800	1,685	1,112	340	.....
Aug <sup>p</sup>	1,820	1,476	36	308	1,901	1,575	1,150	347	.....

<sup>1</sup> Derived; seasonally adjusted monthly data for 2-4 housing units started are no longer published.

<sup>2</sup> Seasonally adjusted.

<sup>3</sup> Revised series beginning 1994; data for 1993 reflect the revision. Quarterly data entered in last month of quarter.

NOTE.—Beginning 1994, units authorized are for 19,000 places. For other data shown, units

authorized are for 17,000 places.

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Source: Department of Commerce, Bureau of the Census.

## NEW CONSTRUCTION

[Billions of dollars; monthly data at seasonally adjusted annual rates]

Period	Total new construction expenditures	Private									Federal and State and local
		Total	Residential		Nonresidential						
			Total <sup>1</sup>	New housing	Total	Lodging	Office	Commercial (including farm)	Manufacturing	Other <sup>2</sup>	
1993	491.0	375.1	225.1	150.9	150.0	4.6	20.0	34.4	23.4	67.7	116.0
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1997	653.4	502.7	289.0	198.1	213.7	12.9	32.8	53.1	37.6	77.3	150.7
1998	705.7	551.4	314.6	224.0	236.8	14.8	40.4	55.7	40.5	85.4	154.3
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2002	860.9	650.5	421.5	298.5	229.0	10.3	35.1	58.2	16.6	108.7	210.4
2002: Sept	854.9	641.5	425.7	302.1	215.8	9.4	33.6	57.8	14.2	100.8	213.3
Oct	861.9	651.1	429.9	305.7	221.2	9.7	33.5	57.4	14.6	106.1	210.8
Nov	870.0	656.4	434.4	310.0	222.0	9.0	33.2	56.9	14.6	108.2	213.6
Dec	872.1	658.2	441.5	315.6	216.8	8.9	32.1	52.3	13.9	109.6	213.8
2003: Jan	883.2	667.6	450.0	323.6	217.6	9.2	30.8	56.8	14.0	106.7	215.6
Feb	876.5	665.1	448.5	322.8	216.5	9.3	29.7	54.8	13.6	109.2	211.4
Mar	875.2	668.8	447.1	321.7	221.6	10.1	29.7	55.6	14.0	112.2	206.5
Apr	871.9	662.8	443.9	320.3	218.9	10.4	29.3	54.7	13.9	110.6	209.1
May	871.9	660.9	444.9	324.2	216.1	10.8	28.6	55.3	14.2	107.2	210.9
June	878.8	661.5	444.4	326.3	217.1	10.3	29.3	56.9	14.5	106.0	217.2
July <sup>r</sup>	892.6	674.3	457.1	333.4	217.2	9.2	28.5	58.2	13.6	107.6	218.3
Aug <sup>r</sup>	898.8	678.9	465.0	340.2	213.9	9.4	28.5	58.7	14.4	102.9	220.0
Sept <sup>p</sup>	910.6	690.6	471.4	346.4	219.2	10.5	29.0	57.9	15.0	106.8	220.0

<sup>1</sup> Includes residential improvements, not shown separately.

Source: Department of Commerce, Bureau of the Census.

<sup>2</sup> Includes health care, educational, communication, and power, among other categories not shown separately.

## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or houses, except as noted]

Period	New private housing units					New private houses			Vacancy rate for rental housing units (percent) <sup>3</sup>
	Units started, by type of structure				Units authorized	Units completed	Houses sold	Houses for sale at end of period <sup>2</sup>	
	Total	1 unit	2-4 units <sup>1</sup>	5 units or more					
1993	1,287.6	1,125.7	29.4	132.6	1,199.1	1,192.7	666	293	7.3
1994	1,457.0	1,198.4	35.2	223.5	1,371.6	1,346.9	670	336	7.4
1995	1,354.1	1,076.2	33.8	244.1	1,332.5	1,312.6	667	370	7.6
1996	1,476.8	1,160.9	45.3	270.8	1,425.6	1,412.9	757	322	7.8
1997	1,474.0	1,133.7	44.5	295.8	1,441.1	1,400.5	804	281	7.7
1998	1,616.9	1,271.4	42.6	302.9	1,612.3	1,474.2	886	294	7.9
1999	1,640.9	1,302.4	31.9	306.6	1,663.5	1,604.9	880	308	8.1
2000	1,568.7	1,230.9	38.7	299.1	1,592.3	1,573.7	877	298	8.0
2001	1,602.7	1,273.3	36.6	292.8	1,636.7	1,570.8	908	308	8.4
2002	1,704.9	1,358.6	38.5	307.9	1,747.7	1,648.4	973	339	9.0
	Seasonally adjusted annual rates								
2002: Sept	1,810	1,449	37	324	1,803	1,655	1,057	333	9.0
Oct	1,653	1,366	33	254	1,813	1,591	1,005	336	.....
Nov	1,760	1,403	34	323	1,764	1,706	1,022	338	.....
Dec	1,815	1,462	35	318	1,907	1,674	1,052	339	9.3
2003: Jan	1,828	1,509	41	278	1,777	1,647	1,009	343	.....
Feb	1,640	1,312	30	298	1,786	1,672	935	343	.....
Mar	1,742	1,393	36	313	1,688	1,621	1,008	341	9.4
Apr	1,627	1,357	31	239	1,724	1,680	1,004	341	.....
May	1,745	1,389	27	329	1,803	1,742	1,081	344	.....
June	1,844	1,499	28	317	1,823	1,663	1,200	343	9.6
July <sup>r</sup>	1,890	1,533	36	321	1,800	1,678	1,134	339	.....
Aug <sup>r</sup>	1,826	1,474	31	321	1,901	1,578	1,147	341	.....
Sept <sup>p</sup>	1,888	1,520	47	321	1,875	1,684	1,145	342	9.9

<sup>1</sup> Derived; seasonally adjusted monthly data for 2-4 housing units started are no longer published.

<sup>2</sup> Seasonally adjusted.

<sup>3</sup> Revised series beginning 1994; data for 1993 reflect the revision. Quarterly data entered in last month of quarter.

NOTE.—Beginning 1994, units authorized are for 19,000 places. For other data shown, units

authorized are for 17,000 places.

Beginning 1999, housing starts, completions, and sales are not directly comparable with earlier data due to new estimation methods.

Source: Department of Commerce, Bureau of the Census.

## NEW CONSTRUCTION

[Billions of dollars; monthly data at seasonally adjusted annual rates]

Period	Total new construction expenditures	Private									Federal and State and local
		Total	Residential		Nonresidential						
			Total <sup>1</sup>	New housing	Total	Lodging	Office	Commercial (including farm)	Manufacturing	Other <sup>2</sup>	
1993	491.0	375.1	225.1	150.9	150.0	4.6	20.0	34.4	23.4	67.7	116.0
1994	539.2	419.0	258.6	176.4	160.4	4.7	20.4	39.6	28.8	66.9	120.2
1995	557.8	427.9	247.4	171.4	180.5	7.1	23.0	44.1	35.4	70.9	129.9
1996	615.9	476.6	281.1	191.1	195.5	10.9	26.5	49.4	38.1	70.6	139.3
1997	653.4	502.7	289.0	198.1	213.7	12.9	32.8	53.1	37.6	77.3	150.7
1998	705.7	551.4	314.6	224.0	236.8	14.8	40.4	55.7	40.5	85.4	154.3
1999	766.1	596.3	350.6	251.3	245.8	16.0	45.1	59.4	32.6	92.8	169.7
2000	828.8	642.6	374.5	265.0	268.2	16.3	52.4	64.1	31.8	103.6	186.1
2001	852.6	652.5	388.3	279.4	264.2	14.5	49.7	63.6	29.5	106.8	200.1
2002	860.9	650.5	421.5	298.5	229.0	10.3	35.1	58.2	16.6	108.7	210.4
2002: Oct	861.9	651.1	429.9	305.7	221.2	9.7	33.5	57.4	14.6	106.1	210.8
Nov	870.0	656.4	434.4	310.0	222.0	9.0	33.2	56.9	14.6	108.2	213.6
Dec	872.1	658.2	441.5	315.6	216.8	8.9	32.1	52.3	13.9	109.6	213.8
2003: Jan	883.2	667.6	450.0	323.6	217.6	9.2	30.8	56.8	14.0	106.7	215.6
Feb	876.5	665.1	448.5	322.8	216.5	9.3	29.7	54.8	13.6	109.2	211.4
Mar	875.2	668.8	447.1	321.7	221.6	10.1	29.7	55.6	14.0	112.2	206.5
Apr	871.9	662.8	443.9	320.3	218.9	10.4	29.3	54.7	13.9	110.6	209.1
May	871.9	660.9	444.9	324.2	216.1	10.8	28.6	55.3	14.2	107.2	210.9
June	878.8	661.5	444.4	326.3	217.1	10.3	29.3	56.9	14.5	106.0	217.2
July	892.6	674.3	457.1	333.4	217.2	9.2	28.5	58.2	13.6	107.6	218.3
Aug <sup>r</sup>	901.4	681.2	466.8	342.1	214.4	9.5	29.1	58.4	14.1	103.4	220.2
Sept <sup>r</sup>	913.5	691.5	473.6	348.8	217.9	10.0	29.2	57.0	14.7	106.9	222.0
Oct <sup>p</sup>	922.0	697.4	484.1	356.9	213.3	9.9	29.4	55.6	13.7	104.6	224.7

<sup>1</sup> Includes residential improvements, not shown separately.

Source: Department of Commerce, Bureau of the Census.

<sup>2</sup> Includes health care, educational, communication, and power, among other categories not shown separately.

## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or houses, except as noted]

Period	New private housing units						New private houses		Vacancy rate for rental housing units (percent) <sup>3</sup>
	Units started, by type of structure				Units authorized	Units completed	Houses sold	Houses for sale at end of period <sup>2</sup>	
	Total	1 unit	2-4 units <sup>1</sup>	5 units or more					
1993	1,287.6	1,125.7	29.4	132.6	1,199.1	1,192.7	666	293	<sup>3</sup> 7.3
1994	1,457.0	1,198.4	35.2	223.5	1,371.6	1,346.9	670	336	7.4
1995	1,354.1	1,076.2	33.8	244.1	1,332.5	1,312.6	667	370	7.6
1996	1,476.8	1,160.9	45.3	270.8	1,425.6	1,412.9	757	322	7.8
1997	1,474.0	1,133.7	44.5	295.8	1,441.1	1,400.5	804	281	7.7
1998	1,616.9	1,271.4	42.6	302.9	1,612.3	1,474.2	886	294	7.9
1999	1,640.9	1,302.4	31.9	306.6	1,663.5	1,604.9	880	308	8.1
2000	1,568.7	1,230.9	38.7	299.1	1,592.3	1,573.7	877	298	8.0
2001	1,602.7	1,273.3	36.6	292.8	1,636.7	1,570.8	908	308	8.4
2002	1,704.9	1,358.6	38.5	307.9	1,747.7	1,648.4	973	339	9.0
	Seasonally adjusted annual rates								
2002: Oct	1,653	1,366	33	254	1,813	1,591	1,005	336	.....
Nov	1,760	1,403	34	323	1,764	1,706	1,022	338	.....
Dec	1,815	1,462	35	318	1,907	1,674	1,052	339	9.3
2003: Jan	1,828	1,509	41	278	1,777	1,647	1,009	343	.....
Feb	1,640	1,312	30	298	1,786	1,672	935	343	.....
Mar	1,742	1,393	36	313	1,688	1,621	1,008	341	9.4
Apr	1,627	1,357	31	239	1,724	1,680	1,004	341	.....
May	1,745	1,389	27	329	1,803	1,742	1,081	344	.....
June	1,844	1,499	28	317	1,823	1,663	1,200	343	9.6
July	1,890	1,533	36	321	1,800	1,678	1,145	341	.....
Aug <sup>r</sup>	1,831	1,490	32	309	1,901	1,573	1,167	344	.....
Sept <sup>r</sup>	1,905	1,530	46	329	1,875	1,715	1,145	345	9.9
Oct <sup>p</sup>	1,960	1,617	24	319	1,981	1,727	1,105	360	.....

<sup>1</sup> Derived; seasonally adjusted monthly data for 2-4 housing units started are no longer published.

<sup>2</sup> Seasonally adjusted.

<sup>3</sup> Revised series beginning 1994; data for 1993 reflect the revision. Quarterly data entered in last month of quarter.

NOTE.—Beginning 1994, units authorized are for 19,000 places. For other data shown, units

authorized are for 17,000 places.

Beginning 1999, housing starts, completions, and sales are not directly comparable with earlier data due to new estimation methods.

Source: Department of Commerce, Bureau of the Census.

## NEW CONSTRUCTION

[Billions of dollars; monthly data at seasonally adjusted annual rates]

Period	Total new construction expenditures	Private									Federal and State and local
		Total	Residential			Nonresidential					
			Total <sup>1</sup>	New housing	Total	Lodging	Office	Commercial (including farm)	Manufacturing	Other <sup>2</sup>	
1993	491.0	375.1	225.1	150.9	150.0	4.6	20.0	34.4	23.4	67.7	116.0
1994	539.2	419.0	258.6	176.4	160.4	4.7	20.4	39.6	28.8	66.9	120.2
1995	557.8	427.9	247.4	171.4	180.5	7.1	23.0	44.1	35.4	70.9	129.9
1996	615.9	476.6	281.1	191.1	195.5	10.9	26.5	49.4	38.1	70.6	139.3
1997	653.4	502.7	289.0	198.1	213.7	12.9	32.8	53.1	37.6	77.3	150.7
1998	705.7	551.4	314.6	224.0	236.8	14.8	40.4	55.7	40.5	85.4	154.3
1999	766.1	596.3	350.6	251.3	245.8	16.0	45.1	59.4	32.6	92.8	169.7
2000	828.8	642.6	374.5	265.0	268.2	16.3	52.4	64.1	31.8	103.6	186.1
2001	852.6	652.5	388.3	279.4	264.2	14.5	49.7	63.6	29.5	106.8	200.1
2002	860.9	650.5	421.5	298.5	229.0	10.3	35.1	58.2	16.6	108.7	210.4
2002: Oct	861.9	651.1	429.9	305.7	221.2	9.7	33.5	57.4	14.6	106.1	210.8
Nov	870.0	656.4	434.4	310.0	222.0	9.0	33.2	56.9	14.6	108.2	213.6
Dec	872.1	658.2	441.5	315.6	216.8	8.9	32.1	52.3	13.9	109.6	213.8
2003: Jan	883.2	667.6	450.0	323.6	217.6	9.2	30.8	56.8	14.0	106.7	215.6
Feb	876.5	665.1	448.5	322.8	216.5	9.3	29.7	54.8	13.6	109.2	211.4
Mar	875.2	668.8	447.1	321.7	221.6	10.1	29.7	55.6	14.0	112.2	206.5
Apr	871.9	662.8	443.9	320.3	218.9	10.4	29.3	54.7	13.9	110.6	209.1
May	871.9	660.9	444.9	324.2	216.1	10.8	28.6	55.3	14.2	107.2	210.9
June	878.8	661.5	444.4	326.3	217.1	10.3	29.3	56.9	14.5	106.0	217.2
July	892.6	674.3	457.1	333.4	217.2	9.2	28.5	58.2	13.6	107.6	218.3
Aug	901.4	681.2	466.8	342.1	214.4	9.5	29.1	58.4	14.1	103.4	220.2
Sept	913.5	691.5	473.6	348.8	217.9	10.0	29.2	57.0	14.7	106.9	222.0
Oct <sup>p</sup>	922.0	697.4	484.1	356.9	213.3	9.9	29.4	55.6	13.7	104.6	224.7

<sup>1</sup> Includes residential improvements, not shown separately.

Source: Department of Commerce, Bureau of the Census.

<sup>2</sup> Includes health care, educational, communication, and power, among other categories not shown separately.

## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or houses, except as noted]

Period	New private housing units						New private houses		Vacancy rate for rental housing units (percent) <sup>3</sup>
	Units started, by type of structure				Units authorized	Units completed	Houses sold	Houses for sale at end of period <sup>2</sup>	
	Total	1 unit	2-4 units <sup>1</sup>	5 units or more					
1993	1,287.6	1,125.7	29.4	132.6	1,199.1	1,192.7	666	293	<sup>3</sup> 7.3
1994	1,457.0	1,198.4	35.2	223.5	1,371.6	1,346.9	670	336	7.4
1995	1,354.1	1,076.2	33.8	244.1	1,332.5	1,312.6	667	370	7.6
1996	1,476.8	1,160.9	45.3	270.8	1,425.6	1,412.9	757	322	7.8
1997	1,474.0	1,133.7	44.5	295.8	1,441.1	1,400.5	804	281	7.7
1998	1,616.9	1,271.4	42.6	302.9	1,612.3	1,474.2	886	294	7.9
1999	1,640.9	1,302.4	31.9	306.6	1,663.5	1,604.9	880	308	8.1
2000	1,568.7	1,230.9	38.7	299.1	1,592.3	1,573.7	877	298	8.0
2001	1,602.7	1,273.3	36.6	292.8	1,636.7	1,570.8	908	308	8.4
2002	1,704.9	1,358.6	38.5	307.9	1,747.7	1,648.4	973	339	9.0
	Seasonally adjusted annual rates								
2002: Nov	1,760	1,403	34	323	1,764	1,706	1,022	338	.....
Dec	1,815	1,462	35	318	1,907	1,674	1,052	339	9.3
2003: Jan	1,828	1,509	41	278	1,777	1,647	1,009	343	.....
Feb	1,640	1,312	30	298	1,786	1,672	935	343	.....
Mar	1,742	1,393	36	313	1,688	1,621	1,008	341	9.4
Apr	1,627	1,357	31	239	1,724	1,680	1,004	341	.....
May	1,745	1,389	27	329	1,803	1,742	1,081	344	.....
June	1,844	1,499	28	317	1,823	1,663	1,200	343	9.6
July	1,890	1,533	36	321	1,800	1,678	1,145	341	.....
Aug	1,831	1,490	32	309	1,901	1,573	1,190	345	.....
Sept <sup>r</sup>	1,931	1,547	45	339	1,875	1,709	1,137	347	9.9
Oct <sup>r</sup>	1,980	1,641	24	315	1,981	1,725	1,109	358	.....
Nov <sup>p</sup>	2,070	1,695	40	335	1,863	1,704	1,082	363	.....

<sup>1</sup> Derived; seasonally adjusted monthly data for 2-4 housing units started are no longer published.

<sup>2</sup> Seasonally adjusted.

<sup>3</sup> Revised series beginning 1994; data for 1993 reflect the revision. Quarterly data entered in last month of quarter.

NOTE.—Beginning 1994, units authorized are for 19,000 places. For other data shown, units

authorized are for 17,000 places.

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Source: Department of Commerce, Bureau of the Census.

## NEW CONSTRUCTION

[Billions of dollars; monthly data at seasonally adjusted annual rates]

Period	Total new construction expenditures	Private									Federal and State and local
		Total	Residential			Nonresidential					
			Total <sup>1</sup>	New housing	Total	Lodging	Office	Commercial (including farm)	Manufacturing	Other <sup>2</sup>	
1994	539.2	419.0	258.6	176.4	160.4	4.7	20.4	39.6	28.8	66.9	120.2
1995	557.8	427.9	247.4	171.4	180.5	7.1	23.0	44.1	35.4	70.9	129.9
1996	615.9	476.6	281.1	191.1	195.5	10.9	26.5	49.4	38.1	70.6	139.3
1997	653.4	502.7	289.0	198.1	213.7	12.9	32.8	53.1	37.6	77.3	150.7
1998	705.7	551.4	314.6	224.0	236.8	14.8	40.4	55.7	40.5	85.4	154.3
1999	766.1	596.3	350.6	251.3	245.8	16.0	45.1	59.4	32.6	92.8	169.7
2000	828.8	642.6	374.5	265.0	268.2	16.3	52.4	64.1	31.8	103.6	186.1
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2002	860.9	650.5	421.5	298.5	229.0	10.3	35.1	58.2	16.6	108.7	210.4
2003 <sup>p</sup>	898.2	681.9	465.8	340.5	216.2	9.7	29.9	56.1	13.9	106.6	216.3
2002: Dec	872.1	658.2	441.5	315.6	216.8	8.9	32.1	52.3	13.9	109.6	213.8
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Feb	876.5	665.1	448.5	322.8	216.5	9.3	29.7	54.8	13.6	109.2	211.4
Mar	875.2	668.8	447.1	321.7	221.6	10.1	29.7	55.6	14.0	112.2	206.5
Apr	871.9	662.8	443.9	320.3	218.9	10.4	29.3	54.7	13.9	110.6	209.1
May	871.9	660.9	444.9	324.2	216.1	10.8	28.6	55.3	14.2	107.2	210.9
June	878.8	661.5	444.4	326.3	217.1	10.3	29.3	56.9	14.5	106.0	217.2
July	892.6	674.3	457.1	333.4	217.2	9.2	28.5	58.2	13.6	107.6	218.3
Aug	901.4	681.2	466.8	342.1	214.4	9.5	29.1	58.4	14.1	103.4	220.2
Sept <sup>r</sup>	913.8	692.5	475.7	350.5	216.7	9.4	29.8	57.0	14.0	106.5	221.4
Oct <sup>r</sup>	925.5	705.2	487.5	359.1	217.7	9.8	31.6	56.3	13.9	106.0	220.3
Nov	929.8	710.3	497.6	368.4	212.6	9.3	31.2	54.7	13.5	103.9	219.5
Dec <sup>p</sup>	933.2	712.4	502.2	373.2	210.2	9.0	30.3	54.4	12.9	103.6	220.8

<sup>1</sup> Includes residential improvements, not shown separately.

Source: Department of Commerce, Bureau of the Census.

<sup>2</sup> Includes health care, educational, communication, and power, among other categories not shown separately.

## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or houses, except as noted]

Period	New private housing units						New private houses		Vacancy rate for rental housing units (percent) <sup>3</sup>
	Units started, by type of structure				Units authorized	Units completed	Houses sold	Houses for sale at end of period <sup>2</sup>	
	Total	1 unit	2-4 units <sup>1</sup>	5 units or more					
1994	1,457.0	1,198.4	35.2	223.5	1,371.6	1,346.9	670	336	7.4
1995	1,354.1	1,076.2	33.8	244.1	1,332.5	1,312.6	667	370	7.6
1996	1,476.8	1,160.9	45.3	270.8	1,425.6	1,412.9	757	322	7.8
1997	1,474.0	1,133.7	44.5	295.8	1,441.1	1,400.5	804	281	7.7
1998	1,616.9	1,271.4	42.6	302.9	1,612.3	1,474.2	886	294	7.9
1999	1,640.9	1,302.4	31.9	306.6	1,663.5	1,604.9	880	308	8.1
2000	1,568.7	1,230.9	38.7	299.1	1,592.3	1,573.7	877	298	8.0
2001	1,602.7	1,273.3	36.6	292.8	1,636.7	1,570.8	908	308	8.4
2002	1,704.9	1,358.6	38.5	307.9	1,747.7	1,648.4	973	339	9.0
2003 <sup>p</sup>	1,848.4	1,498.5	33.3	316.6	1,862.4	1,677.7	1,085	374	9.8
	Seasonally adjusted annual rates								
2002: Dec	1,815	1,462	35	318	1,907	1,674	1,052	339	9.3
2003: Jan	1,828	1,509	41	278	1,777	1,647	1,009	343	.....
Feb	1,640	1,312	30	298	1,786	1,672	935	343	.....
Mar	1,742	1,393	36	313	1,688	1,621	1,008	341	9.4
Apr	1,627	1,357	31	239	1,724	1,680	1,004	341	.....
May	1,745	1,389	27	329	1,803	1,742	1,081	344	.....
June	1,844	1,499	28	317	1,823	1,663	1,200	343	9.6
July	1,890	1,533	36	321	1,800	1,678	1,145	341	.....
Aug	1,831	1,490	32	309	1,901	1,573	1,190	345	.....
Sept	1,931	1,547	45	339	1,875	1,709	1,129	350	9.9
Oct <sup>r</sup>	1,977	1,640	29	308	1,981	1,717	1,149	362	.....
Nov <sup>r</sup>	2,054	1,674	37	343	1,863	1,707	1,117	366	.....
Dec <sup>p</sup>	2,088	1,664	27	397	1,953	1,710	1,060	374	10.2

<sup>1</sup> Derived; seasonally adjusted monthly data for 2-4 housing units started are no longer published.

<sup>2</sup> Seasonally adjusted.

<sup>3</sup> Revised series. Quarterly data entered in last month of quarter.

NOTE.—Units authorized are for 19,000 places.

Beginning 1999, housing starts, completions, and sales are not directly comparable with earlier data due to new estimation methods.

Source: Department of Commerce, Bureau of the Census.

## NEW CONSTRUCTION

[Billions of dollars; monthly data at seasonally adjusted annual rates]

Period	Total new construction expenditures	Private									Federal and State and local
		Total	Residential			Nonresidential					
			Total <sup>1</sup>	New housing	Total	Lodging	Office	Commercial (including farm)	Manufacturing	Other <sup>2</sup>	
1994	539.2	419.0	258.6	176.4	160.4	4.7	20.4	39.6	28.8	66.9	120.2
1995	557.8	427.9	247.4	171.4	180.5	7.1	23.0	44.1	35.4	70.9	129.9
1996	615.9	476.6	281.1	191.1	195.5	10.9	26.5	49.4	38.1	70.6	139.3
1997	653.4	502.7	289.0	198.1	213.7	12.9	32.8	53.1	37.6	77.3	150.7
1998	705.7	551.4	314.6	224.0	236.8	14.8	40.4	55.7	40.5	85.4	154.3
1999	766.1	596.3	350.6	251.3	245.8	16.0	45.1	59.4	32.6	92.8	169.7
2000	828.8	642.6	374.5	265.0	268.2	16.3	52.4	64.1	31.8	103.6	186.1
2001	852.6	652.5	388.3	279.4	264.2	14.5	49.7	63.6	29.5	106.8	200.1
2002	860.9	650.5	421.5	298.5	229.0	10.3	35.1	58.2	16.6	108.7	210.4
2003 <sup>r</sup>	898.7	683.1	465.9	340.6	217.2	9.7	30.0	56.4	14.0	107.1	215.6
2003: Jan	883.2	667.6	450.0	323.6	217.6	9.2	30.8	56.8	14.0	106.7	215.6
Feb	876.5	665.1	448.5	322.8	216.5	9.3	29.7	54.8	13.6	109.2	211.4
Mar	875.2	668.8	447.1	321.7	221.6	10.1	29.7	55.6	14.0	112.2	206.5
Apr	871.9	662.8	443.9	320.3	218.9	10.4	29.3	54.7	13.9	110.6	209.1
May	871.9	660.9	444.9	324.2	216.1	10.8	28.6	55.3	14.2	107.2	210.9
June	878.8	661.5	444.4	326.3	217.1	10.3	29.3	56.9	14.5	106.0	217.2
July	892.6	674.3	457.1	333.4	217.2	9.2	28.5	58.2	13.6	107.6	218.3
Aug	901.4	681.2	466.8	342.1	214.4	9.5	29.1	58.4	14.1	103.4	220.2
Sept	913.8	692.5	475.7	350.5	216.7	9.4	29.8	57.0	14.0	106.5	221.4
Oct	925.5	705.2	487.5	359.1	217.7	9.8	31.6	56.3	13.9	106.0	220.3
Nov <sup>r</sup>	928.7	712.6	497.0	367.4	215.7	9.3	31.7	55.5	14.1	105.1	216.0
Dec <sup>r</sup>	934.4	719.3	501.4	371.2	218.0	9.0	30.9	57.2	13.7	107.2	215.1
2004: Jan <sup>p</sup>	931.2	715.8	501.4	370.2	214.3	8.6	29.3	55.7	13.8	106.9	215.4

<sup>1</sup> Includes residential improvements, not shown separately.

Source: Department of Commerce, Bureau of the Census.

<sup>2</sup> Includes health care, educational, communication, and power, among other categories not shown separately.

## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or houses, except as noted]

Period	New private housing units					New private houses		Vacancy rate for rental housing units (percent) <sup>3</sup>	
	Units started, by type of structure				Units authorized	Units completed	Houses sold		Houses for sale at end of period <sup>2</sup>
	Total	1 unit	2-4 units <sup>1</sup>	5 units or more					
1994	1,457.0	1,198.4	35.2	223.5	1,371.6	1,346.9	670	336	7.4
1995	1,354.1	1,076.2	33.8	244.1	1,332.5	1,312.6	667	370	7.6
1996	1,476.8	1,160.9	45.3	270.8	1,425.6	1,412.9	757	322	7.8
1997	1,474.0	1,133.7	44.5	295.8	1,441.1	1,400.5	804	281	7.7
1998	1,616.9	1,271.4	42.6	302.9	1,612.3	1,474.2	886	294	7.9
1999	1,640.9	1,302.4	31.9	306.6	1,663.5	1,604.9	880	308	8.1
2000	1,568.7	1,230.9	38.7	299.1	1,592.3	1,573.7	877	298	8.0
2001	1,602.7	1,273.3	36.6	292.8	1,636.7	1,570.8	908	308	8.4
2002	1,704.9	1,358.6	38.5	307.9	1,747.7	1,648.4	973	339	9.0
2003 <sup>r</sup>	1,847.5	1,499.6	33.3	314.6	1,862.4	1,680.0	1,089	367	9.8
	Seasonally adjusted annual rates								
2003: Jan	1,828	1,509	41	278	1,777	1,647	1,009	343	.....
Feb	1,640	1,312	30	298	1,786	1,672	935	343	.....
Mar	1,742	1,393	36	313	1,688	1,621	1,008	341	9.4
Apr	1,627	1,357	31	239	1,724	1,680	1,004	341	.....
May	1,745	1,389	27	329	1,803	1,742	1,081	344	.....
June	1,844	1,499	28	317	1,823	1,663	1,200	343	9.6
July	1,890	1,533	36	321	1,800	1,678	1,145	341	.....
Aug	1,831	1,490	32	309	1,901	1,573	1,190	345	.....
Sept	1,931	1,547	45	339	1,875	1,709	1,129	350	9.9
Oct	1,977	1,640	29	308	1,981	1,717	1,149	361	.....
Nov <sup>r</sup>	2,054	1,673	37	344	1,863	1,699	1,111	363	.....
Dec <sup>r</sup>	2,067	1,670	28	369	1,953	1,749	1,125	367	10.2
2004: Jan <sup>p</sup>	1,903	1,537	27	339	1,920	1,709	1,106	370	.....

<sup>1</sup> Derived; seasonally adjusted monthly data for 2-4 housing units started are no longer published.

Beginning 1999, housing starts, completions, and sales are not directly comparable with earlier data due to new estimation methods.

<sup>2</sup> Seasonally adjusted.

<sup>3</sup> Revised series. Quarterly data entered in last month of quarter.

Source: Department of Commerce, Bureau of the Census.

NOTE.—Units authorized are for 19,000 places.

## NEW CONSTRUCTION

[Billions of dollars; monthly data at seasonally adjusted annual rates]

Period	Total new construction expenditures	Private									Federal and State and local
		Total	Residential			Nonresidential					
			Total <sup>1</sup>	New housing	Total	Lodging	Office	Commercial (including farm)	Manufacturing	Other <sup>2</sup>	
1994	539.2	419.0	258.6	176.4	160.4	4.7	20.4	39.6	28.8	66.9	120.2
1995	557.8	427.9	247.4	171.4	180.5	7.1	23.0	44.1	35.4	70.9	129.9
1996	615.9	476.6	281.1	191.1	195.5	10.9	26.5	49.4	38.1	70.6	139.3
1997	653.4	502.7	289.0	198.1	213.7	12.9	32.8	53.1	37.6	77.3	150.7
1998	705.7	551.4	314.6	224.0	236.8	14.8	40.4	55.7	40.5	85.4	154.3
1999	766.1	596.3	350.6	251.3	245.8	16.0	45.1	59.4	32.6	92.8	169.7
2000	828.8	642.6	374.5	265.0	268.2	16.3	52.4	64.1	31.8	103.6	186.1
2001	852.6	652.5	388.3	279.4	264.2	14.5	49.7	63.6	29.5	106.8	200.1
2002	860.9	650.5	421.5	298.5	229.0	10.3	35.1	58.2	16.6	108.7	210.4
2003 <sup>r</sup>	898.3	683.0	465.8	340.6	217.2	9.7	30.1	56.4	14.0	107.0	215.3
2003: Feb	876.5	665.1	448.5	322.8	216.5	9.3	29.7	54.8	13.6	109.2	211.4
Mar	875.2	668.8	447.1	321.7	221.6	10.1	29.7	55.6	14.0	112.2	206.5
Apr	871.9	662.8	443.9	320.3	218.9	10.4	29.3	54.7	13.9	110.6	209.1
May	871.9	660.9	444.9	324.2	216.1	10.8	28.6	55.3	14.2	107.2	210.9
June	878.8	661.5	444.4	326.3	217.1	10.3	29.3	56.9	14.5	106.0	217.2
July	892.6	674.3	457.1	333.4	217.2	9.2	28.5	58.2	13.6	107.6	218.3
Aug	901.4	681.2	466.8	342.1	214.4	9.5	29.1	58.4	14.1	103.4	220.2
Sept	913.8	692.5	475.7	350.5	216.7	9.4	29.8	57.0	14.0	106.5	221.4
Oct	925.5	705.2	487.5	359.1	217.7	9.8	31.6	56.3	13.9	106.0	220.3
Nov	928.7	712.6	497.0	367.4	215.7	9.3	31.7	55.5	14.1	105.1	216.0
Dec <sup>r</sup>	930.0	718.6	501.4	373.4	217.3	8.9	32.0	56.6	13.4	106.4	211.4
2004: Jan <sup>r</sup>	922.2	713.9	500.5	372.6	213.4	8.4	30.4	55.0	13.6	106.1	208.3
Feb <sup>r</sup>	921.1	714.9	499.2	371.4	215.8	9.1	30.5	53.8	13.1	109.3	206.2

<sup>1</sup> Includes residential improvements, not shown separately.

Source: Department of Commerce, Bureau of the Census.

<sup>2</sup> Includes health care, educational, communication, and power, among other categories not shown separately.

## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or houses, except as noted]

Period	New private housing units						New private houses		Vacancy rate for rental housing units (percent) <sup>3</sup>
	Units started, by type of structure				Units authorized	Units completed	Houses sold	Houses for sale at end of period <sup>2</sup>	
	Total	1 unit	2-4 units <sup>1</sup>	5 units or more					
1994	1,457.0	1,198.4	35.2	223.5	1,371.6	1,346.9	670	336	7.4
1995	1,354.1	1,076.2	33.8	244.1	1,332.5	1,312.6	667	370	7.6
1996	1,476.8	1,160.9	45.3	270.8	1,425.6	1,412.9	757	322	7.8
1997	1,474.0	1,133.7	44.5	295.8	1,441.1	1,400.5	804	281	7.7
1998	1,616.9	1,271.4	42.6	302.9	1,612.3	1,474.2	886	294	7.9
1999	1,640.9	1,302.4	31.9	306.6	1,663.5	1,604.9	880	308	8.1
2000	1,568.7	1,230.9	38.7	299.1	1,592.3	1,573.7	877	298	8.0
2001	1,602.7	1,273.3	36.6	292.8	1,636.7	1,570.8	908	308	8.4
2002	1,704.9	1,358.6	38.5	307.9	1,747.7	1,648.4	973	339	8.9
2003 <sup>r</sup>	1,847.7	1,499.0	33.5	315.2	1,862.4	1,678.7	1,085	369	9.8
	Seasonally adjusted annual rates								
2003: Feb	1,640	1,312	30	298	1,786	1,672	935	343	.....
Mar	1,742	1,393	36	313	1,688	1,621	1,008	341	9.4
Apr	1,627	1,357	31	239	1,724	1,680	1,004	341	.....
May	1,745	1,389	27	329	1,803	1,742	1,081	344	.....
June	1,844	1,499	28	317	1,823	1,663	1,200	343	9.6
July	1,890	1,533	36	321	1,800	1,678	1,145	341	.....
Aug	1,831	1,490	32	309	1,901	1,573	1,190	345	.....
Sept	1,931	1,547	45	339	1,875	1,709	1,129	350	9.9
Oct	1,977	1,640	29	308	1,981	1,717	1,149	361	.....
Nov	2,054	1,673	37	344	1,863	1,699	1,084	364	.....
Dec <sup>r</sup>	2,061	1,655	29	377	1,953	1,730	1,111	369	10.2
2004: Jan <sup>r</sup>	1,932	1,553	29	350	1,932	1,707	1,099	372	.....
Feb <sup>r</sup>	1,855	1,489	30	336	1,909	1,711	1,163	373	.....

<sup>1</sup> Derived; seasonally adjusted monthly data for 2-4 housing units started are no longer published.

Beginning 1999, housing starts, completions, and sales are not directly comparable with earlier data due to new estimation methods.

<sup>2</sup> Seasonally adjusted.

<sup>3</sup> Revised series. Quarterly data entered in last month of quarter.

Source: Department of Commerce, Bureau of the Census.

NOTE.—Units authorized are for 19,000 places.

## NEW CONSTRUCTION

[Billions of dollars; monthly data at seasonally adjusted annual rates]

Period	Total new construction expenditures	Private									Federal and State and local
		Total	Residential		Nonresidential						
			Total <sup>1</sup>	New housing	Total	Lodging	Office	Commercial (including farm)	Manufacturing	Other <sup>2</sup>	
1994	539.2	419.0	258.6	176.4	160.4	4.7	20.4	39.6	28.8	66.9	120.2
1995	557.8	427.9	247.4	171.4	180.5	7.1	23.0	44.1	35.4	70.9	129.9
1996	615.9	476.6	281.1	191.1	195.5	10.9	26.5	49.4	38.1	70.6	139.3
1997	653.4	502.7	289.0	198.1	213.7	12.9	32.8	53.1	37.6	77.3	150.7
1998	705.7	551.4	314.6	224.0	236.8	14.8	40.4	55.7	40.5	85.4	154.3
1999	766.1	596.3	350.6	251.3	245.8	16.0	45.1	59.4	32.6	92.8	169.7
2000	828.8	642.6	374.5	265.0	268.2	16.3	52.4	64.1	31.8	103.6	186.1
2001	852.6	652.5	388.3	279.4	264.2	14.5	49.7	63.6	29.5	106.8	200.1
2002	860.9	650.5	421.5	298.5	229.0	10.3	35.1	58.2	16.6	108.7	210.4
2003	898.3	683.0	465.8	340.6	217.2	9.7	30.1	56.4	14.0	107.0	215.3
2003: Mar	875.2	668.8	447.1	321.7	221.6	10.1	29.7	55.6	14.0	112.2	206.5
Apr	871.9	662.8	443.9	320.3	218.9	10.4	29.3	54.7	13.9	110.6	209.1
May	871.9	660.9	444.9	324.2	216.1	10.8	28.6	55.3	14.2	107.2	210.9
June	878.8	661.5	444.4	326.3	217.1	10.3	29.3	56.9	14.5	106.0	217.2
July	892.6	674.3	457.1	333.4	217.2	9.2	28.5	58.2	13.6	107.6	218.3
Aug	901.4	681.2	466.8	342.1	214.4	9.5	29.1	58.4	14.1	103.4	220.2
Sept	913.8	692.5	475.7	350.5	216.7	9.4	29.8	57.0	14.0	106.5	221.4
Oct	925.5	705.2	487.5	359.1	217.7	9.8	31.6	56.3	13.9	106.0	220.3
Nov	928.7	712.6	497.0	367.4	215.7	9.3	31.7	55.5	14.1	105.1	216.0
Dec	930.0	718.6	501.4	373.4	217.3	8.9	32.0	56.6	13.4	106.4	211.4
2004: Jan <sup>r</sup>	926.4	716.5	503.8	376.3	212.7	8.3	29.8	55.2	13.6	105.8	209.9
Feb <sup>r</sup>	930.0	719.3	503.7	376.8	215.6	9.4	31.3	53.5	13.3	108.0	210.7
Mar <sup>p</sup>	944.1	722.4	507.2	381.6	215.2	9.9	32.2	53.4	12.8	106.8	221.7

<sup>1</sup> Includes residential improvements, not shown separately.

Source: Department of Commerce, Bureau of the Census.

<sup>2</sup> Includes health care, educational, communication, and power, among other categories not shown separately.

## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or houses, except as noted]

Period	New private housing units					New private houses		Vacancy rate for rental housing units (percent) <sup>3</sup>	
	Units started, by type of structure				Units authorized	Units completed	Houses sold		Houses for sale at end of period <sup>2</sup>
	Total	1 unit	2-4 units <sup>1</sup>	5 units or more					
1994	1,457.0	1,198.4	35.2	223.5	1,371.6	1,346.9	670	336	7.4
1995	1,354.1	1,076.2	33.8	244.1	1,332.5	1,312.6	667	370	7.6
1996	1,476.8	1,160.9	45.3	270.8	1,425.6	1,412.9	757	322	7.8
1997	1,474.0	1,133.7	44.5	295.8	1,441.1	1,400.5	804	281	7.7
1998	1,616.9	1,271.4	42.6	302.9	1,612.3	1,474.2	886	294	7.9
1999	1,640.9	1,302.4	31.9	306.6	1,663.5	1,604.9	880	308	8.1
2000	1,568.7	1,230.9	38.7	299.1	1,592.3	1,573.7	877	298	8.0
2001	1,602.7	1,273.3	36.6	292.8	1,636.7	1,570.8	908	308	8.4
2002	1,704.9	1,358.6	38.5	307.9	1,747.7	1,648.4	973	339	8.9
2003	1,847.7	1,499.0	33.5	315.2	1,862.4	1,678.7	1,086	369	9.8
	Seasonally adjusted annual rates								
2003: Mar	1,742	1,393	36	313	1,688	1,621	1,008	341	9.4
Apr	1,627	1,357	31	239	1,724	1,680	1,004	341	.....
May	1,745	1,389	27	329	1,803	1,742	1,081	344	.....
June	1,844	1,499	28	317	1,823	1,663	1,200	343	9.6
July	1,890	1,533	36	321	1,800	1,678	1,145	341	.....
Aug	1,831	1,490	32	309	1,901	1,573	1,190	345	.....
Sept	1,931	1,547	45	339	1,875	1,709	1,129	350	9.9
Oct	1,977	1,640	29	308	1,981	1,717	1,149	361	.....
Nov	2,054	1,673	37	344	1,863	1,699	1,084	364	.....
Dec	2,061	1,655	29	377	1,953	1,730	1,127	369	10.2
2004: Jan <sup>r</sup>	1,938	1,569	30	339	1,932	1,710	1,141	372	.....
Feb <sup>r</sup>	1,887	1,515	33	339	1,909	1,724	1,128	371	.....
Mar <sup>p</sup>	2,007	1,599	31	377	1,976	1,749	1,228	378	10.4

<sup>1</sup> Derived; seasonally adjusted monthly data for 2-4 housing units started are no longer published.

Beginning 1999, housing starts, completions, and sales are not directly comparable with earlier data due to new estimation methods.

<sup>2</sup> Seasonally adjusted.

<sup>3</sup> Revised series. Quarterly data entered in last month of quarter.

Source: Department of Commerce, Bureau of the Census.

NOTE.—Units authorized are for 19,000 places.

## NEW CONSTRUCTION

[Billions of dollars; monthly data at seasonally adjusted annual rates]

Period	Total new construction expenditures	Private									Federal and State and local
		Total	Residential		Nonresidential						
			Total <sup>1</sup>	New housing	Total	Lodging	Office	Commercial (including farm)	Manufacturing	Other <sup>2</sup>	
1994	539.2	419.0	258.6	176.4	160.4	4.7	20.4	39.6	28.8	66.9	120.2
1995	557.8	427.9	247.4	171.4	180.5	7.1	23.0	44.1	35.4	70.9	129.9
1996	615.9	476.6	281.1	191.1	195.5	10.9	26.5	49.4	38.1	70.6	139.3
1997	653.4	502.7	289.0	198.1	213.7	12.9	32.8	53.1	37.6	77.3	150.7
1998	705.7	551.4	314.6	224.0	236.8	14.8	40.4	55.7	40.5	85.4	154.3
1999	766.1	596.3	350.6	251.3	245.8	16.0	45.1	59.4	32.6	92.8	169.7
2000	828.8	642.6	374.5	265.0	268.2	16.3	52.4	64.1	31.8	103.6	186.1
2001	852.6	652.5	388.3	279.4	264.2	14.5	49.7	63.6	29.5	106.8	200.1
2002	860.9	650.5	421.5	298.5	229.0	10.3	35.1	58.2	16.6	108.7	210.4
2003	898.3	683.0	465.8	340.6	217.2	9.7	30.1	56.4	14.0	107.0	215.3
2003: Apr	871.9	662.8	443.9	320.3	218.9	10.4	29.3	54.7	13.9	110.6	209.1
May	871.9	660.9	444.9	324.2	216.1	10.8	28.6	55.3	14.2	107.2	210.9
June	878.8	661.5	444.4	326.3	217.1	10.3	29.3	56.9	14.5	106.0	217.2
July	892.6	674.3	457.1	333.4	217.2	9.2	28.5	58.2	13.6	107.6	218.3
Aug	901.4	681.2	466.8	342.1	214.4	9.5	29.1	58.4	14.1	103.4	220.2
Sept	913.8	692.5	475.7	350.5	216.7	9.4	29.8	57.0	14.0	106.5	221.4
Oct	925.5	705.2	487.5	359.1	217.7	9.8	31.6	56.3	13.9	106.0	220.3
Nov	928.7	712.6	497.0	367.4	215.7	9.3	31.7	55.5	14.1	105.1	216.0
Dec	930.0	718.6	501.4	373.4	217.3	8.9	32.0	56.6	13.4	106.4	211.4
2004: Jan	926.4	716.5	503.8	376.3	212.7	8.3	29.8	55.2	13.6	105.8	209.9
Feb <sup>r</sup>	934.8	723.1	508.2	379.2	214.9	9.8	31.3	55.2	14.0	104.6	211.7
Mar <sup>r</sup>	957.6	731.1	514.7	385.4	216.3	10.4	31.8	55.0	13.5	105.7	226.6
Apr <sup>r</sup>	970.4	739.9	520.7	390.8	219.2	11.0	31.5	55.9	12.7	108.1	230.5

<sup>1</sup> Includes residential improvements, not shown separately.

Source: Department of Commerce, Bureau of the Census.

<sup>2</sup> Includes health care, educational, communication, and power, among other categories not shown separately.

## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or houses, except as noted]

Period	New private housing units					New private houses		Vacancy rate for rental housing units (percent) <sup>3</sup>	
	Units started, by type of structure				Units authorized	Units completed	Houses sold		Houses for sale at end of period <sup>2</sup>
	Total	1 unit	2-4 units <sup>1</sup>	5 units or more					
1994	1,457.0	1,198.4	35.2	223.5	1,371.6	1,346.9	670	336	7.4
1995	1,354.1	1,076.2	33.8	244.1	1,332.5	1,312.6	667	370	7.6
1996	1,476.8	1,160.9	45.3	270.8	1,425.6	1,412.9	757	322	7.8
1997	1,474.0	1,133.7	44.5	295.8	1,441.1	1,400.5	804	281	7.7
1998	1,616.9	1,271.4	42.6	302.9	1,612.3	1,474.2	886	294	7.9
1999	1,640.9	1,302.4	31.9	306.6	1,663.5	1,604.9	880	308	8.1
2000	1,568.7	1,230.9	38.7	299.1	1,592.3	1,573.7	877	298	8.0
2001	1,602.7	1,273.3	36.6	292.8	1,636.7	1,570.8	908	308	8.4
2002	1,704.9	1,358.6	38.5	307.9	1,747.7	1,648.4	973	339	8.9
2003	1,847.7	1,499.0	33.5	315.2	1,889.2	1,678.7	1,086	370	9.8
	Seasonally adjusted annual rates								
2003: Apr <sup>r</sup>	1,637	1,363	32	242	1,798	1,664	1,027	341	.....
May <sup>r</sup>	1,748	1,393	27	328	1,846	1,732	1,093	343	.....
June <sup>r</sup>	1,850	1,505	28	317	1,871	1,658	1,194	343	9.6
July <sup>r</sup>	1,893	1,536	36	321	1,892	1,681	1,156	341	.....
Aug <sup>r</sup>	1,835	1,494	32	309	1,964	1,579	1,189	344	.....
Sept <sup>r</sup>	1,922	1,537	45	340	1,943	1,697	1,127	350	9.9
Oct <sup>r</sup>	1,983	1,644	29	310	2,015	1,731	1,141	360	.....
Nov <sup>r</sup>	2,054	1,670	37	347	1,920	1,709	1,086	365	.....
Dec <sup>r</sup>	2,067	1,657	29	381	1,979	1,736	1,120	370	10.2
2004: Jan <sup>r</sup>	1,934	1,565	30	339	1,913	1,714	1,155	374	.....
Feb <sup>r</sup>	1,895	1,521	30	344	1,913	1,729	1,129	374	.....
Mar <sup>r</sup>	2,011	1,619	32	360	1,975	1,784	1,239	380	10.4
Apr <sup>r</sup>	1,969	1,610	44	315	2,006	1,943	1,093	387	.....

<sup>1</sup> Derived; seasonally adjusted monthly data for 2-4 housing units started are no longer published.

<sup>2</sup> Seasonally adjusted.

<sup>3</sup> Revised series. Quarterly data entered in last month of quarter.

NOTE.—Units authorized are for 19,000 places.

Beginning 1999, housing starts, completions, and sales are not directly comparable with earlier data due to new estimation methods.

Seasonally adjusted data beginning 2002 for housing units authorized, started, and completed and for houses sold reflect annual revisions. Unadjusted data for housing units authorized revised for 2003.

Source: Department of Commerce, Bureau of the Census.

## NEW CONSTRUCTION

[Billions of dollars; monthly data at seasonally adjusted annual rates]

Period	Total new construction expenditures	Private									Federal and State and local
		Total	Residential			Nonresidential					
			Total <sup>1</sup>	New housing	Total	Lodging	Office	Commercial (including farm)	Manufacturing	Other <sup>2</sup>	
1994	539.2	419.0	258.6	176.4	160.4	4.7	20.4	39.6	28.8	66.9	120.2
1995	557.8	427.9	247.4	171.4	180.5	7.1	23.0	44.1	35.4	70.9	129.9
1996	615.9	476.6	281.1	191.1	195.5	10.9	26.5	49.4	38.1	70.6	139.3
1997	653.4	502.7	289.0	198.1	213.7	12.9	32.8	53.1	37.6	77.3	150.7
1998	705.7	551.4	314.6	224.0	236.8	14.8	40.4	55.7	40.5	85.4	154.3
1999	766.1	596.3	350.6	251.3	245.8	16.0	45.1	59.4	32.6	92.8	169.7
2000 <sup>r</sup>	828.2	642.6	374.5	265.0	268.2	16.3	52.4	64.1	31.8	103.6	185.5
2001 <sup>r</sup>	858.3	652.5	388.3	279.4	264.2	14.5	49.7	63.6	29.5	106.8	205.8
2002 <sup>r</sup>	871.3	651.7	421.9	298.8	229.8	10.5	35.3	59.2	16.4	108.4	219.6
2003 <sup>r</sup>	915.7	690.0	476.1	345.9	213.9	9.9	30.4	57.7	14.2	101.6	225.7
2003: May <sup>r</sup>	901.0	678.3	461.5	330.0	216.8	13.9	28.8	58.4	14.9	100.9	222.7
June <sup>r</sup>	906.8	677.8	465.1	334.5	212.7	9.8	30.5	59.0	14.7	98.8	229.0
July <sup>r</sup>	909.4	681.1	472.5	341.5	208.6	9.4	30.1	59.0	13.9	96.1	228.4
Aug <sup>r</sup>	922.0	691.7	481.0	350.2	210.8	9.6	30.2	60.4	14.3	96.3	230.2
Sept <sup>r</sup>	930.8	701.2	487.6	358.2	213.6	9.6	30.5	57.9	14.8	100.8	229.5
Oct <sup>r</sup>	942.2	714.1	495.6	366.4	218.6	10.0	32.5	58.1	14.9	103.0	228.0
Nov <sup>r</sup>	947.7	721.1	504.2	375.6	216.9	9.4	32.1	57.0	14.4	104.0	226.6
Dec <sup>r</sup>	948.9	727.0	511.3	381.7	215.7	9.3	31.5	56.7	13.6	104.6	222.0
2004: Jan <sup>r</sup>	946.5	724.0	513.9	383.5	210.1	8.7	29.2	56.9	13.8	101.6	222.6
Feb <sup>r</sup>	952.2	732.1	516.4	384.9	215.7	10.1	32.0	56.8	13.8	102.9	220.1
Mar <sup>r</sup>	973.9	738.7	522.2	391.1	216.5	11.1	32.2	56.4	13.9	103.0	235.2
Apr <sup>r</sup>	985.7	747.9	528.2	397.6	219.7	11.4	32.5	58.5	13.7	103.5	237.8
May <sup>r</sup>	988.5	751.2	532.3	402.6	218.9	11.2	32.2	58.8	14.3	102.4	237.4

<sup>1</sup> Includes residential improvements, not shown separately.<sup>2</sup> Includes health care, educational, communication, and power, among other categories not shown separately.

NOTE.—Data reflect annual revisions released on July 1, 2004.

Source: Department of Commerce, Bureau of the Census.

## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or houses, except as noted]

Period	New private housing units					New private houses			Vacancy rate for rental housing units (percent) <sup>3</sup>
	Units started, by type of structure				Units authorized	Units completed	Houses sold	Houses for sale at end of period <sup>2</sup>	
	Total	1 unit	2-4 units <sup>1</sup>	5 units or more					
1994	1,457.0	1,198.4	35.2	223.5	1,371.6	1,346.9	670	336	7.4
1995	1,354.1	1,076.2	33.8	244.1	1,332.5	1,312.6	667	370	7.6
1996	1,476.8	1,160.9	45.3	270.8	1,425.6	1,412.9	757	322	7.8
1997	1,474.0	1,133.7	44.5	295.8	1,441.1	1,400.5	804	281	7.7
1998	1,616.9	1,271.4	42.6	302.9	1,612.3	1,474.2	886	294	7.9
1999	1,640.9	1,302.4	31.9	306.6	1,663.5	1,604.9	880	308	8.1
2000	1,568.7	1,230.9	38.7	299.1	1,592.3	1,573.7	877	298	8.0
2001	1,602.7	1,273.3	36.6	292.8	1,636.7	1,570.8	908	308	8.4
2002	1,704.9	1,358.6	38.5	307.9	1,747.7	1,648.4	973	339	8.9
2003	1,847.7	1,499.0	33.5	315.2	1,889.2	1,678.7	1,086	370	9.8
Seasonally adjusted annual rates									
2003: May	1,748	1,393	27	328	1,846	1,732	1,093	343	.....
June	1,850	1,505	28	317	1,871	1,658	1,194	343	9.6
July	1,893	1,536	36	321	1,892	1,681	1,156	341	.....
Aug	1,835	1,494	32	309	1,964	1,579	1,189	344	.....
Sept	1,922	1,537	45	340	1,943	1,697	1,127	350	9.9
Oct	1,983	1,644	29	310	2,015	1,731	1,141	360	.....
Nov	2,054	1,670	37	347	1,920	1,709	1,086	365	.....
Dec	2,067	1,657	29	381	1,979	1,736	1,120	370	10.2
2004: Jan	1,934	1,565	30	339	1,913	1,714	1,155	374	.....
Feb	1,895	1,521	30	344	1,913	1,729	1,165	373	.....
Mar <sup>r</sup>	2,000	1,624	33	343	1,975	1,782	1,294	374	10.4
Apr <sup>r</sup>	1,981	1,618	40	323	2,006	1,944	1,192	374	.....
May <sup>r</sup>	1,967	1,640	55	272	2,097	1,923	1,369	372	.....

<sup>1</sup> Derived; seasonally adjusted monthly data for 2-4 housing units started are no longer published.<sup>2</sup> Seasonally adjusted.<sup>3</sup> Revised series. Quarterly data entered in last month of quarter.

NOTE.—Units authorized are for 19,000 places.

Beginning 1999, housing starts, completions, and sales are not directly comparable with earlier data due to new estimation methods.

Source: Department of Commerce, Bureau of the Census.

## NEW CONSTRUCTION

[Billions of dollars; monthly data at seasonally adjusted annual rates]

Period	Total new construction expenditures	Private									Federal and State and local
		Total	Residential			Nonresidential					
			Total <sup>1</sup>	New housing	Total	Lodging	Office	Commercial (including farm)	Manufacturing	Other <sup>2</sup>	
1994	539.2	419.0	258.6	176.4	160.4	4.7	20.4	39.6	28.8	66.9	120.2
1995	557.8	427.9	247.4	171.4	180.5	7.1	23.0	44.1	35.4	70.9	129.9
1996	615.9	476.6	281.1	191.1	195.5	10.9	26.5	49.4	38.1	70.6	139.3
1997	653.4	502.7	289.0	198.1	213.7	12.9	32.8	53.1	37.6	77.3	150.7
1998	705.7	551.4	314.6	224.0	236.8	14.8	40.4	55.7	40.5	85.4	154.3
1999	766.1	596.3	350.6	251.3	245.8	16.0	45.1	59.4	32.6	92.8	169.7
2000	828.2	642.6	374.5	265.0	268.2	16.3	52.4	64.1	31.8	103.6	185.5
2001	858.3	652.5	388.3	279.4	264.2	14.5	49.7	63.6	29.5	106.8	205.8
2002	871.3	651.7	421.9	298.8	229.8	10.5	35.3	59.2	16.4	108.4	219.6
2003	915.7	690.0	476.1	345.9	213.9	9.9	30.4	57.7	14.2	101.6	225.7
2003: June	906.8	677.8	465.1	334.5	212.7	9.8	30.5	59.0	14.7	98.8	229.0
July	909.4	681.1	472.5	341.5	208.6	9.4	30.1	59.0	13.9	96.1	228.4
Aug	922.0	691.7	481.0	350.2	210.8	9.6	30.2	60.4	14.3	96.3	230.2
Sept	930.8	701.2	487.6	358.2	213.6	9.6	30.5	57.9	14.8	100.8	229.5
Oct	942.2	714.1	495.6	366.4	218.6	10.0	32.5	58.1	14.9	103.0	228.0
Nov	947.7	721.1	504.2	375.6	216.9	9.4	32.1	57.0	14.4	104.0	226.6
Dec	948.9	727.0	511.3	381.7	215.7	9.3	31.5	56.7	13.6	104.6	222.0
2004: Jan	946.5	724.0	513.9	383.5	210.1	8.7	29.2	56.9	13.8	101.6	222.6
Feb	952.2	732.1	516.4	384.9	215.7	10.1	32.0	56.8	13.8	102.9	220.1
Mar	973.9	738.7	522.2	391.1	216.5	11.1	32.2	56.4	13.9	103.0	235.2
Apr <sup>r</sup>	986.4	747.5	525.9	397.8	221.6	11.4	33.1	58.9	13.4	104.8	238.9
May <sup>r</sup>	987.8	749.6	530.2	403.8	219.4	11.1	31.9	58.9	14.1	103.4	238.1
June <sup>p</sup>	985.2	746.6	527.1	403.1	219.5	11.7	32.2	59.5	13.0	103.2	238.5

<sup>1</sup> Includes residential improvements, not shown separately.

Source: Department of Commerce, Bureau of the Census.

<sup>2</sup> Includes health care, educational, communication, and power, among other categories not shown separately.

## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or houses, except as noted]

Period	New private housing units						New private houses		Vacancy rate for rental housing units (percent) <sup>3</sup>
	Units started, by type of structure				Units authorized	Units completed	Houses sold	Houses for sale at end of period <sup>2</sup>	
	Total	1 unit	2-4 units <sup>1</sup>	5 units or more					
1994	1,457.0	1,198.4	35.2	223.5	1,371.6	1,346.9	670	336	7.4
1995	1,354.1	1,076.2	33.8	244.1	1,332.5	1,312.6	667	370	7.6
1996	1,476.8	1,160.9	45.3	270.8	1,425.6	1,412.9	757	322	7.8
1997	1,474.0	1,133.7	44.5	295.8	1,441.1	1,400.5	804	281	7.7
1998	1,616.9	1,271.4	42.6	302.9	1,612.3	1,474.2	886	294	7.9
1999	1,640.9	1,302.4	31.9	306.6	1,663.5	1,604.9	880	308	8.1
2000	1,568.7	1,230.9	38.7	299.1	1,592.3	1,573.7	877	298	8.0
2001	1,602.7	1,273.3	36.6	292.8	1,636.7	1,570.8	908	308	8.4
2002	1,704.9	1,358.6	38.5	307.9	1,747.7	1,648.4	973	339	8.9
2003	1,847.7	1,499.0	33.5	315.2	1,889.2	1,678.7	1,086	370	9.8
Seasonally adjusted annual rates									
2003: June	1,850	1,505	28	317	1,871	1,658	1,194	343	9.6
July	1,893	1,536	36	321	1,892	1,681	1,156	341	.....
Aug	1,835	1,494	32	309	1,964	1,579	1,189	344	.....
Sept	1,922	1,537	45	340	1,943	1,697	1,127	350	9.9
Oct	1,983	1,644	29	310	2,015	1,731	1,141	360	.....
Nov	2,054	1,670	37	347	1,920	1,709	1,086	365	.....
Dec	2,067	1,657	29	381	1,979	1,736	1,120	370	10.2
2004: Jan	1,934	1,565	30	339	1,913	1,714	1,155	374	.....
Feb	1,895	1,521	30	344	1,913	1,729	1,165	373	.....
Mar	2,000	1,624	33	343	1,975	1,782	1,270	379	10.4
Apr <sup>r</sup>	1,963	1,615	36	312	2,006	1,944	1,197	380	.....
May <sup>r</sup>	1,970	1,645	55	270	2,097	1,922	1,337	376	.....
June <sup>p</sup>	1,802	1,489	32	281	1,945	1,848	1,326	374	10.2

<sup>1</sup> Derived; seasonally adjusted monthly data for 2-4 housing units started are no longer published.

Beginning 1999, housing starts, completions, and sales are not directly comparable with earlier data due to new estimation methods.

<sup>2</sup> Seasonally adjusted.

<sup>3</sup> Revised series. Quarterly data entered in last month of quarter.

Source: Department of Commerce, Bureau of the Census.

NOTE.—Units authorized are for 19,000 places.

## NEW CONSTRUCTION

[Billions of dollars; monthly data at seasonally adjusted annual rates]

Period	Total new construction expenditures	Private									Federal and State and local
		Total	Residential			Nonresidential					
			Total <sup>1</sup>	New housing	Total	Lodging	Office	Commercial (including farm)	Manufacturing	Other <sup>2</sup>	
1994	539.2	419.0	258.6	176.4	160.4	4.7	20.4	39.6	28.8	66.9	120.2
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1996	615.9	476.6	281.1	191.1	195.5	10.9	26.5	49.4	38.1	70.6	139.3
1997	653.4	502.7	289.0	198.1	213.7	12.9	32.8	53.1	37.6	77.3	150.7
1998	705.7	551.4	314.6	224.0	236.8	14.8	40.4	55.7	40.5	85.4	154.3
1999	766.1	596.3	350.6	251.3	245.8	16.0	45.1	59.4	32.6	92.8	169.7
2000	828.2	642.6	374.5	265.0	268.2	16.3	52.4	64.1	31.8	103.6	185.5
2001	858.3	652.5	388.3	279.4	264.2	14.5	49.7	63.6	29.5	106.8	205.8
2002	871.3	651.7	421.9	298.8	229.8	10.5	35.3	59.2	16.4	108.4	219.6
2003	915.7	690.0	476.1	345.9	213.9	9.9	30.4	57.7	14.2	101.6	225.7
2003: July	909.4	681.1	472.5	341.5	208.6	9.4	30.1	59.0	13.9	96.1	228.4
Aug	922.0	691.7	481.0	350.2	210.8	9.6	30.2	60.4	14.3	96.3	230.2
Sept	930.8	701.2	487.6	358.2	213.6	9.6	30.5	57.9	14.8	100.8	229.5
Oct	942.2	714.1	495.6	366.4	218.6	10.0	32.5	58.1	14.9	103.0	228.0
Nov	947.7	721.1	504.2	375.6	216.9	9.4	32.1	57.0	14.4	104.0	226.6
Dec	948.9	727.0	511.3	381.7	215.7	9.3	31.5	56.7	13.6	104.6	222.0
2004: Jan	946.5	724.0	513.9	383.5	210.1	8.7	29.2	56.9	13.8	101.6	222.6
Feb	952.2	732.1	516.4	384.9	215.7	10.1	32.0	56.8	13.8	102.9	220.1
Mar	973.9	738.7	522.2	391.1	216.5	11.1	32.2	56.4	13.9	103.0	235.2
Apr	986.4	747.5	525.9	397.8	221.6	11.4	33.1	58.9	13.4	104.8	238.9
May <sup>r</sup>	992.8	756.4	535.5	407.5	220.9	11.2	32.4	60.0	14.3	103.1	236.3
June <sup>r</sup>	992.9	755.3	536.1	409.2	219.1	11.6	32.3	60.7	12.9	101.7	237.6
July <sup>p</sup>	997.2	758.3	537.5	410.7	220.8	11.6	31.4	61.6	14.1	102.2	238.9

<sup>1</sup> Includes residential improvements, not shown separately.

Source: Department of Commerce, Bureau of the Census.

<sup>2</sup> Includes health care, educational, communication, and power, among other categories not shown separately.

## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or houses, except as noted]

Period	New private housing units					New private houses			Vacancy rate for rental housing units (percent) <sup>3</sup>
	Units started, by type of structure				Units authorized	Units completed	Houses sold	Houses for sale at end of period <sup>2</sup>	
	Total	1 unit	2-4 units <sup>1</sup>	5 units or more					
1994	1,457.0	1,198.4	35.2	223.5	1,371.6	1,346.9	670	336	7.4
1995	1,354.1	1,076.2	33.8	244.1	1,332.5	1,312.6	667	370	7.6
1996	1,476.8	1,160.9	45.3	270.8	1,425.6	1,412.9	757	322	7.8
1997	1,474.0	1,133.7	44.5	295.8	1,441.1	1,400.5	804	281	7.7
1998	1,616.9	1,271.4	42.6	302.9	1,612.3	1,474.2	886	294	7.9
1999	1,640.9	1,302.4	31.9	306.6	1,663.5	1,604.9	880	308	8.1
2000	1,568.7	1,230.9	38.7	299.1	1,592.3	1,573.7	877	298	8.0
2001	1,602.7	1,273.3	36.6	292.8	1,636.7	1,570.8	908	308	8.4
2002	1,704.9	1,358.6	38.5	307.9	1,747.7	1,648.4	973	339	8.9
2003	1,847.7	1,499.0	33.5	315.2	1,889.2	1,678.7	1,086	370	9.8
	Seasonally adjusted annual rates								
2003: July	1,893	1,536	36	321	1,892	1,681	1,156	341	.....
Aug	1,835	1,494	32	309	1,964	1,579	1,189	344	.....
Sept	1,922	1,537	45	340	1,943	1,697	1,127	350	9.9
Oct	1,983	1,644	29	310	2,015	1,731	1,141	360	.....
Nov	2,054	1,670	37	347	1,920	1,709	1,086	365	.....
Dec	2,067	1,657	29	381	1,979	1,736	1,120	370	10.2
2004: Jan	1,934	1,565	30	339	1,913	1,714	1,155	374	.....
Feb	1,895	1,521	30	344	1,913	1,729	1,165	373	.....
Mar	2,000	1,624	33	343	1,975	1,782	1,270	379	10.4
Apr	1,963	1,615	36	312	2,006	1,944	1,176	384	.....
May <sup>r</sup>	1,979	1,654	56	269	2,097	1,928	1,283	382	.....
June <sup>r</sup>	1,826	1,522	26	278	1,945	1,863	1,211	377	10.2
July <sup>p</sup>	1,978	1,651	67	260	2,066	1,839	1,134	393	.....

<sup>1</sup> Derived; seasonally adjusted monthly data for 2-4 housing units started are no longer published.

Beginning 1999, housing starts, completions, and sales are not directly comparable with earlier data due to new estimation methods.

<sup>2</sup> Seasonally adjusted.

Source: Department of Commerce, Bureau of the Census.

<sup>3</sup> Revised series. Quarterly data entered in last month of quarter.

NOTE.—Units authorized are for 19,000 places.

## NEW CONSTRUCTION

[Billions of dollars; monthly data at seasonally adjusted annual rates]

Period	Total new construction expenditures	Private									Federal and State and local
		Total	Residential		Nonresidential						
			Total <sup>1</sup>	New housing	Total	Lodging	Office	Commercial (including farm)	Manufacturing	Other <sup>2</sup>	
1994	539.2	419.0	258.6	176.4	160.4	4.7	20.4	39.6	28.8	66.9	120.2
1995	557.8	427.9	247.4	171.4	180.5	7.1	23.0	44.1	35.4	70.9	129.9
1996	615.9	476.6	281.1	191.1	195.5	10.9	26.5	49.4	38.1	70.6	139.3
1997	653.4	502.7	289.0	198.1	213.7	12.9	32.8	53.1	37.6	77.3	150.7
1998	705.7	551.4	314.6	224.0	236.8	14.8	40.4	55.7	40.5	85.4	154.3
1999	766.1	596.3	350.6	251.3	245.8	16.0	45.1	59.4	32.6	92.8	169.7
2000	828.2	642.6	374.5	265.0	268.2	16.3	52.4	64.1	31.8	103.6	185.5
2001	858.3	652.5	388.3	279.4	264.2	14.5	49.7	63.6	29.5	106.8	205.8
2002	871.3	651.7	421.9	298.8	229.8	10.5	35.3	59.2	16.4	108.4	219.6
2003	915.7	690.0	476.1	345.9	213.9	9.9	30.4	57.7	14.2	101.6	225.7
2003: Aug	922.0	691.7	481.0	350.2	210.8	9.6	30.2	60.4	14.3	96.3	230.2
Sept	930.8	701.2	487.6	358.2	213.6	9.6	30.5	57.9	14.8	100.8	229.5
Oct	942.2	714.1	495.6	366.4	218.6	10.0	32.5	58.1	14.9	103.0	228.0
Nov	947.7	721.1	504.2	375.6	216.9	9.4	32.1	57.0	14.4	104.0	226.6
Dec	948.9	727.0	511.3	381.7	215.7	9.3	31.5	56.7	13.6	104.6	222.0
2004: Jan	946.5	724.0	513.9	383.5	210.1	8.7	29.2	56.9	13.8	101.6	222.6
Feb	952.2	732.1	516.4	384.9	215.7	10.1	32.0	56.8	13.8	102.9	220.1
Mar	973.9	738.7	522.2	391.1	216.5	11.1	32.2	56.4	13.9	103.0	235.2
Apr	986.4	747.5	525.9	397.8	221.6	11.4	33.1	58.9	13.4	104.8	238.9
May	992.8	756.4	535.5	407.5	220.9	11.2	32.4	60.0	14.3	103.1	236.3
June <sup>r</sup>	996.4	758.9	538.5	409.8	220.4	11.9	33.1	61.3	13.0	101.1	237.4
July <sup>r</sup>	1,006.9	766.8	541.5	412.4	225.3	12.3	33.1	64.4	14.2	101.2	240.1
Aug <sup>p</sup>	1,015.3	777.7	550.6	420.7	227.0	12.3	32.8	65.3	14.3	102.4	237.6

<sup>1</sup> Includes residential improvements, not shown separately.

Source: Department of Commerce, Bureau of the Census.

<sup>2</sup> Includes health care, educational, communication, and power, among other categories not shown separately.

## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or houses, except as noted]

Period	New private housing units					New private houses		Vacancy rate for rental housing units (percent) <sup>3</sup>	
	Units started, by type of structure				Units authorized	Units completed	Houses sold		Houses for sale at end of period <sup>2</sup>
	Total	1 unit	2-4 units <sup>1</sup>	5 units or more					
1994	1,457.0	1,198.4	35.2	223.5	1,371.6	1,346.9	670	336	7.4
1995	1,354.1	1,076.2	33.8	244.1	1,332.5	1,312.6	667	370	7.6
1996	1,476.8	1,160.9	45.3	270.8	1,425.6	1,412.9	757	322	7.8
1997	1,474.0	1,133.7	44.5	295.8	1,441.1	1,400.5	804	281	7.7
1998	1,616.9	1,271.4	42.6	302.9	1,612.3	1,474.2	886	294	7.9
1999	1,640.9	1,302.4	31.9	306.6	1,663.5	1,604.9	880	308	8.1
2000	1,568.7	1,230.9	38.7	299.1	1,592.3	1,573.7	877	298	8.0
2001	1,602.7	1,273.3	36.6	292.8	1,636.7	1,570.8	908	308	8.4
2002	1,704.9	1,358.6	38.5	307.9	1,747.7	1,648.4	973	339	8.9
2003	1,847.7	1,499.0	33.5	315.2	1,889.2	1,678.7	1,086	370	9.8
	Seasonally adjusted annual rates								
2003: Aug	1,835	1,494	32	309	1,964	1,579	1,189	344	.....
Sept	1,922	1,537	45	340	1,943	1,697	1,127	350	9.9
Oct	1,983	1,644	29	310	2,015	1,731	1,141	360	.....
Nov	2,054	1,670	37	347	1,920	1,709	1,086	365	.....
Dec	2,067	1,657	29	381	1,979	1,736	1,120	370	10.2
2004: Jan	1,934	1,565	30	339	1,913	1,714	1,155	374	.....
Feb	1,895	1,521	30	344	1,913	1,729	1,165	373	.....
Mar	2,000	1,624	33	343	1,975	1,782	1,270	379	10.4
Apr	1,963	1,615	36	312	2,006	1,944	1,176	384	.....
May	1,979	1,654	56	269	2,097	1,928	1,244	385	.....
June <sup>r</sup>	1,817	1,520	25	272	1,945	1,865	1,167	383	10.2
July <sup>r</sup>	1,988	1,660	64	264	2,066	1,869	1,082	396	.....
Aug <sup>p</sup>	2,000	1,667	68	265	1,969	1,899	1,184	404	.....

<sup>1</sup> Derived; seasonally adjusted monthly data for 2-4 housing units started are no longer published.

Beginning 1999, housing starts, completions, and sales are not directly comparable with earlier data due to new estimation methods.

<sup>2</sup> Seasonally adjusted.

<sup>3</sup> Revised series. Quarterly data entered in last month of quarter.

Source: Department of Commerce, Bureau of the Census.

NOTE.—Units authorized are for 19,000 places.

## NEW CONSTRUCTION

[Billions of dollars; monthly data at seasonally adjusted annual rates]

Period	Total new construction expenditures	Private									Federal and State and local
		Total	Residential		Nonresidential						
			Total <sup>1</sup>	New housing	Total	Lodging	Office	Commercial (including farm)	Manufacturing	Other <sup>2</sup>	
1994	539.2	419.0	258.6	176.4	160.4	4.7	20.4	39.6	28.8	66.9	120.2
1995	557.8	427.9	247.4	171.4	180.5	7.1	23.0	44.1	35.4	70.9	129.9
1996	615.9	476.6	281.1	191.1	195.5	10.9	26.5	49.4	38.1	70.6	139.3
1997	653.4	502.7	289.0	198.1	213.7	12.9	32.8	53.1	37.6	77.3	150.7
1998	705.7	551.4	314.6	224.0	236.8	14.8	40.4	55.7	40.5	85.4	154.3
1999	766.1	596.3	350.6	251.3	245.8	16.0	45.1	59.4	32.6	92.8	169.7
2000	828.2	642.6	374.5	265.0	268.2	16.3	52.4	64.1	31.8	103.6	185.5
2001	858.3	652.5	388.3	279.4	264.2	14.5	49.7	63.6	29.5	106.8	205.8
2002	871.3	651.7	421.9	298.8	229.8	10.5	35.3	59.2	16.4	108.4	219.6
2003	915.7	690.0	476.1	345.9	213.9	9.9	30.4	57.7	14.2	101.6	225.7
2003: Sept	930.8	701.2	487.6	358.2	213.6	9.6	30.5	57.9	14.8	100.8	229.5
Oct	942.2	714.1	495.6	366.4	218.6	10.0	32.5	58.1	14.9	103.0	228.0
Nov	947.7	721.1	504.2	375.6	216.9	9.4	32.1	57.0	14.4	104.0	226.6
Dec	948.9	727.0	511.3	381.7	215.7	9.3	31.5	56.7	13.6	104.6	222.0
2004: Jan	946.5	724.0	513.9	383.5	210.1	8.7	29.2	56.9	13.8	101.6	222.6
Feb	952.2	732.1	516.4	384.9	215.7	10.1	32.0	56.8	13.8	102.9	220.1
Mar	973.9	738.7	522.2	391.1	216.5	11.1	32.2	56.4	13.9	103.0	235.2
Apr	986.4	747.5	525.9	397.8	221.6	11.4	33.1	58.9	13.4	104.8	238.9
May	992.8	756.4	535.5	407.5	220.9	11.2	32.4	60.0	14.3	103.1	236.3
June	996.4	758.9	538.5	409.8	220.4	11.9	33.1	61.3	13.0	101.1	237.4
July <sup>r</sup>	1,005.1	767.1	543.3	411.7	223.8	12.3	32.8	63.5	14.3	100.9	238.0
Aug <sup>r</sup>	1,014.0	778.4	553.0	420.5	225.4	12.1	32.8	64.4	14.3	101.8	235.6
Sept <sup>r</sup>	1,013.9	777.5	551.6	417.6	225.8	12.7	31.9	63.2	14.8	103.2	236.4

<sup>1</sup> Includes residential improvements, not shown separately.

Source: Department of Commerce, Bureau of the Census.

<sup>2</sup> Includes health care, educational, communication, and power, among other categories not shown separately.

## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or houses, except as noted]

Period	New private housing units					New private houses		Vacancy rate for rental housing units (percent) <sup>3</sup>	
	Units started, by type of structure				Units authorized	Units completed	Houses sold		Houses for sale at end of period <sup>2</sup>
	Total	1 unit	2-4 units <sup>1</sup>	5 units or more					
1994	1,457.0	1,198.4	35.2	223.5	1,371.6	1,346.9	670	336	7.4
1995	1,354.1	1,076.2	33.8	244.1	1,332.5	1,312.6	667	370	7.6
1996	1,476.8	1,160.9	45.3	270.8	1,425.6	1,412.9	757	322	7.8
1997	1,474.0	1,133.7	44.5	295.8	1,441.1	1,400.5	804	281	7.7
1998	1,616.9	1,271.4	42.6	302.9	1,612.3	1,474.2	886	294	7.9
1999	1,640.9	1,302.4	31.9	306.6	1,663.5	1,604.9	880	308	8.1
2000	1,568.7	1,230.9	38.7	299.1	1,592.3	1,573.7	877	298	8.0
2001	1,602.7	1,273.3	36.6	292.8	1,636.7	1,570.8	908	308	8.4
2002	1,704.9	1,358.6	38.5	307.9	1,747.7	1,648.4	973	339	8.9
2003	1,847.7	1,499.0	33.5	315.2	1,889.2	1,678.7	1,086	370	9.8
	Seasonally adjusted annual rates								
2003: Sept	1,922	1,537	45	340	1,943	1,697	1,127	350	9.9
Oct	1,983	1,644	29	310	2,015	1,731	1,141	360	.....
Nov	2,054	1,670	37	347	1,920	1,709	1,086	365	.....
Dec	2,067	1,657	29	381	1,979	1,736	1,120	370	10.2
2004: Jan	1,934	1,565	30	339	1,913	1,714	1,155	374	.....
Feb	1,895	1,521	30	344	1,913	1,729	1,165	373	.....
Mar	2,000	1,624	33	343	1,975	1,782	1,270	379	10.4
Apr	1,963	1,615	36	312	2,006	1,944	1,176	384	.....
May	1,979	1,654	56	269	2,097	1,928	1,244	385	.....
June	1,817	1,520	25	272	1,945	1,865	1,198	383	10.2
July <sup>r</sup>	1,985	1,661	64	260	2,066	1,876	1,101	395	.....
Aug <sup>r</sup>	2,020	1,678	69	273	1,969	1,909	1,165	399	.....
Sept <sup>r</sup>	1,898	1,540	30	328	1,998	1,791	1,206	404	10.1

<sup>1</sup> Derived; seasonally adjusted monthly data for 2-4 housing units started are no longer published.

Beginning 1999, housing starts, completions, and sales are not directly comparable with earlier data due to new estimation methods.

<sup>2</sup> Seasonally adjusted.

<sup>3</sup> Revised series. Quarterly data entered in last month of quarter.

Source: Department of Commerce, Bureau of the Census.

NOTE.—Units authorized are for 19,000 places.

## NEW CONSTRUCTION

[Billions of dollars; monthly data at seasonally adjusted annual rates]

Period	Total new construction expenditures	Private									Federal and State and local
		Total	Residential		Nonresidential						
			Total <sup>1</sup>	New housing	Total	Lodging	Office	Commercial (including farm)	Manufacturing	Other <sup>2</sup>	
1994	539.2	419.0	258.6	176.4	160.4	4.7	20.4	39.6	28.8	66.9	120.2
1995	557.8	427.9	247.4	171.4	180.5	7.1	23.0	44.1	35.4	70.9	129.9
1996	615.9	476.6	281.1	191.1	195.5	10.9	26.5	49.4	38.1	70.6	139.3
1997	653.4	502.7	289.0	198.1	213.7	12.9	32.8	53.1	37.6	77.3	150.7
1998	705.7	551.4	314.6	224.0	236.8	14.8	40.4	55.7	40.5	85.4	154.3
1999	766.1	596.3	350.6	251.3	245.8	16.0	45.1	59.4	32.6	92.8	169.7
2000	828.2	642.6	374.5	265.0	268.2	16.3	52.4	64.1	31.8	103.6	185.5
2001	858.3	652.5	388.3	279.4	264.2	14.5	49.7	63.6	29.5	106.8	205.8
2002	871.3	651.7	421.9	298.8	229.8	10.5	35.3	59.2	16.4	108.4	219.6
2003	915.7	690.0	476.1	345.9	213.9	9.9	30.4	57.7	14.2	101.6	225.7
2003: Oct	942.2	714.1	495.6	366.4	218.6	10.0	32.5	58.1	14.9	103.0	228.0
Nov	947.7	721.1	504.2	375.6	216.9	9.4	32.1	57.0	14.4	104.0	226.6
Dec	948.9	727.0	511.3	381.7	215.7	9.3	31.5	56.7	13.6	104.6	222.0
2004: Jan	946.5	724.0	513.9	383.5	210.1	8.7	29.2	56.9	13.8	101.6	222.6
Feb	952.2	732.1	516.4	384.9	215.7	10.1	32.0	56.8	13.8	102.9	220.1
Mar	973.9	738.7	522.2	391.1	216.5	11.1	32.2	56.4	13.9	103.0	235.2
Apr	986.4	747.5	525.9	397.8	221.6	11.4	33.1	58.9	13.4	104.8	238.9
May	992.8	756.4	535.5	407.5	220.9	11.2	32.4	60.0	14.3	103.1	236.3
June	996.4	758.9	538.5	409.8	220.4	11.9	33.1	61.3	13.0	101.1	237.4
July	1,005.1	767.1	543.3	411.7	223.8	12.3	32.8	63.5	14.3	100.9	238.0
Aug <sup>r</sup>	1,007.9	777.0	552.7	419.5	224.3	12.7	32.3	63.6	14.4	101.2	231.0
Sept <sup>r</sup>	1,009.0	776.0	551.1	417.2	224.8	12.9	32.0	62.8	15.2	102.0	233.1
Oct <sup>p</sup>	1,009.4	773.4	549.4	416.7	224.0	13.3	31.5	61.8	15.4	102.1	236.0

<sup>1</sup> Includes residential improvements, not shown separately.

Source: Department of Commerce, Bureau of the Census.

<sup>2</sup> Includes health care, educational, communication, and power, among other categories not shown separately.

## NEW PRIVATE HOUSING AND VACANCY RATES

[Thousands of units or houses, except as noted]

Period	New private housing units					New private houses			Vacancy rate for rental housing units (percent) <sup>3</sup>
	Units started, by type of structure				Units authorized	Units completed	Houses sold	Houses for sale at end of period <sup>2</sup>	
	Total	1 unit	2-4 units <sup>1</sup>	5 units or more					
1994	1,457.0	1,198.4	35.2	223.5	1,371.6	1,346.9	670	336	7.4
1995	1,354.1	1,076.2	33.8	244.1	1,332.5	1,312.6	667	370	7.6
1996	1,476.8	1,160.9	45.3	270.8	1,425.6	1,412.9	757	322	7.8
1997	1,474.0	1,133.7	44.5	295.8	1,441.1	1,400.5	804	281	7.7
1998	1,616.9	1,271.4	42.6	302.9	1,612.3	1,474.2	886	294	7.9
1999	1,640.9	1,302.4	31.9	306.6	1,663.5	1,604.9	880	308	8.1
2000	1,568.7	1,230.9	38.7	299.1	1,592.3	1,573.7	877	298	8.0
2001	1,602.7	1,273.3	36.6	292.8	1,636.7	1,570.8	908	308	8.4
2002	1,704.9	1,358.6	38.5	307.9	1,747.7	1,648.4	973	339	8.9
2003	1,847.7	1,499.0	33.5	315.2	1,889.2	1,678.7	1,086	370	9.8
	Seasonally adjusted annual rates								
2003: Oct	1,983	1,644	29	310	2,015	1,731	1,141	360	.....
Nov	2,054	1,670	37	347	1,920	1,709	1,086	365	.....
Dec	2,067	1,657	29	381	1,979	1,736	1,120	370	10.2
2004: Jan	1,934	1,565	30	339	1,913	1,714	1,155	374	.....
Feb	1,895	1,521	30	344	1,913	1,729	1,165	373	.....
Mar	2,000	1,624	33	343	1,975	1,782	1,270	379	10.4
Apr	1,963	1,615	36	312	2,006	1,944	1,176	384	.....
May	1,979	1,654	56	269	2,097	1,928	1,244	385	.....
June	1,817	1,520	25	272	1,945	1,865	1,198	383	10.2
July	1,985	1,661	64	260	2,066	1,876	1,095	399	.....
Aug <sup>r</sup>	2,018	1,685	67	266	1,969	1,914	1,144	404	.....
Sept <sup>r</sup>	1,905	1,556	33	316	1,998	1,785	1,224	408	10.1
Oct <sup>p</sup>	2,027	1,645	44	338	2,018	1,834	1,226	412	.....

<sup>1</sup> Derived; seasonally adjusted monthly data for 2-4 housing units started are no longer published.

Beginning 1999, housing starts, completions, and sales are not directly comparable with earlier data due to new estimation methods.

<sup>2</sup> Seasonally adjusted.

Source: Department of Commerce, Bureau of the Census.

<sup>3</sup> Revised series. Quarterly data entered in last month of quarter.

NOTE.—Units authorized are for 19,000 places.

## NEW CONSTRUCTION

[Billions of dollars; monthly data at seasonally adjusted annual rates]

Period	Total new construction expenditures	Private									Federal and State and local
		Total	Residential		Nonresidential						
			Total <sup>1</sup>	New housing	Total	Lodging	Office	Commercial (including farm)	Manufacturing	Other <sup>2</sup>	
1994	539.2	419.0	258.6	176.4	160.4	4.7	20.4	39.6	28.8	66.9	120.2
1995	557.8	427.9	247.4	171.4	180.5	7.1	23.0	44.1	35.4	70.9	129.9
1996	615.9	476.6	281.1	191.1	195.5	10.9	26.5	49.4	38.1	70.6	139.3
1997	653.4	502.7	289.0	198.1	213.7	12.9	32.8	53.1	37.6	77.3	150.7
1998	705.7	551.4	314.6	224.0	236.8	14.8	40.4	55.7	40.5	85.4	154.3
1999	766.1	596.3	350.6	251.3	245.8	16.0	45.1	59.4	32.6	92.8	169.7
2000	828.2	642.6	374.5	265.0	268.2	16.3	52.4	64.1	31.8	103.6	185.5
2001	858.3	652.5	388.3	279.4	264.2	14.5	49.7	63.6	29.5	106.8	205.8
2002	871.3	651.7	421.9	298.8	229.8	10.5	35.3	59.2	16.4	108.4	219.6
2003	915.7	690.0	476.1	345.9	213.9	9.9	30.4	57.7	14.2	101.6	225.7
2003: Oct	942.2	714.1	495.6	366.4	218.6	10.0	32.5	58.1	14.9	103.0	228.0
Nov	947.7	721.1	504.2	375.6	216.9	9.4	32.1	57.0	14.4	104.0	226.6
Dec	948.9	727.0	511.3	381.7	215.7	9.3	31.5	56.7	13.6	104.6	222.0
2004: Jan	946.5	724.0	513.9	383.5	210.1	8.7	29.2	56.9	13.8	101.6	222.6
Feb	952.2	732.1	516.4	384.9	215.7	10.1	32.0	56.8	13.8	102.9	220.1
Mar	973.9	738.7	522.2	391.1	216.5	11.1	32.2	56.4	13.9	103.0	235.2
Apr	986.4	747.5	525.9	397.8	221.6	11.4	33.1	58.9	13.4	104.8	238.9
May	992.8	756.4	535.5	407.5	220.9	11.2	32.4	60.0	14.3	103.1	236.3
June	996.4	758.9	538.5	409.8	220.4	11.9	33.1	61.3	13.0	101.1	237.4
July	1,005.1	767.1	543.3	411.7	223.8	12.3	32.8	63.5	14.3	100.9	238.0
Aug	1,007.9	777.0	552.7	419.5	224.3	12.7	32.3	63.6	14.4	101.2	231.0
Sept	1,009.0	776.0	551.1	417.2	224.8	12.9	32.0	62.8	15.2	102.0	233.1
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July	1,985	1,661	64	260	2,066	1,876	1,095	399	.....
Aug	2,018	1,685	67	266	1,969	1,914	1,158	405	.....
Sept <sup>r</sup>	1,905	1,549	31	325	1,998	1,777	1,227	409	10.1
Oct <sup>r</sup>	2,039	1,640	42	357	2,018	1,813	1,278	409	.....
Nov <sup>p</sup>	1,771	1,448	35	288	2,028	1,705	1,125	418	.....

<sup>1</sup> Derived; seasonally adjusted monthly data for 2-4 housing units started are no longer published.

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