U.S. Department of Commerce BUREAU OF THE CENSUS

U.S. Department of Housing and Urban Development

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Figure 1.

H130-88-02

# **Market Absorption** of Apartments

Second Quarter 1988-Absorptions (Completions in First Quarter 1988)

200

180

120

100

80

60

40

20

0

Units in Apartment Buildings Started, Completed, and Absorbed: 1983 to 1988 Thousands Thousands 200 180 STARTS<sup>1</sup> 160 160 140 140 TOTAL 2 COMPLETIONS 120 100 SOMA COMPLETIONS 3 80 60 ABSORBED AT 3 MONTHS 40 20 0 4th 1st 2nd 3rd 4th 1st 2nd 3rd 1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st 2nd 3rd 4th - 1983 -- 1984 - 1985 -- 1986 - 1987 -- 1988 QUARTER OF COMPLETION

Note: Limited to buildings with five or more units in permit-issuing places.

1. Source: Construction Reports, C20-88-5 (May 1988) table 2.

2, Source: Construction Reports, C22-88-5 (May 1988) table 2.

3. Privately financed, nonsubsidized, unfurnished apartments.

Questions regarding these data may be directed to Housing Division, Telephone 301-763-8165.

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### SUMMARY OF FINDINGS

Of the 70,300 privately financed, nonsubsidized, unfurnished rental apartments completed in buildings with five units or more during the first guarter, January-March 1988, 63 percent were absorbed (seasonally adjusted) 3 months after their completion. This is about the same  $(\pm 5 \text{ percent})$  as the 3-month seasonally adjusted rate of 65 percent for apartments completed in the fourth quarter of 1987, and also about the same ( $\pm 4$  percent) as the seasonally adjusted rate of 60 percent for first quarter 1987 completions (table 1).

The statistics in this report are based on a sample survey and consequently they are subject to sampling variability.<sup>1</sup> Estimates derived from different samples would differ from one another. The standard error of a survey estimate is a measure of the variation among the estimates from all possible samples. Estimates of standard errors have been computed from the sample data and are presented in the tables. They allow us to construct interval estimates with prescribed confidence that the interval includes the average of the estimates from all possible samples. For all the change statements made in this report, 90-percent confidence intervals for statistical comparisons can be constructed by using the 90-percent deviate shown in the parentheses after the change; however, when a 90-percent confidence interval contains zero, we are uncertain whether or not the change has occurred. In addition, some of the statistical findings which are not part of the tables are also provided with a 90-percent deviate.

Apartments completed in the fourth guarter, October-December 1987, which have been on the market for 6 months were 83 percent absorbed. This is about the same (±4 percent) as the 6-month rate for apartments completed during the third quarter. Apartments which have been on the market for 9 months, those completed during July-September 1987, were 87 percent absorbed, 6 percentage points lower ( $\pm$ 3) than the 9-month absorption rate for second quarter 1987 completions.

The median asking rent for all unfurnished units in buildings with 5 units or more constructed in the first guarter of 1988 was \$533, not changed ( $\pm$  \$26) from the median asking rent of \$535 in the fourth quarter of 1987. Less than one half, 42 ( $\pm$ 2) percent, of the units were constructed with fewer than two bedrooms; the median asking price of these units was \$466. The median asking rent of the 40,700 ( $\pm$ 1,800) units with 2 or more bedrooms was \$582 (table 2).

<sup>1</sup>See Reliability of Estimates on page 6.

Table 1. Absorption Rates of Privately Financed Nonsubsidized Unfurnished Apartments: 1985 to 1988 (Buildings with five units or more.)

	Total un	furnished	Sease	onally			Not seaso	nally adjus	sted-rent	ed within-	-				
	comp	bleted	within 3	months	3 mc	onths	6 m	onths	9 m	onths	12 m	onths			
Quarter of completion	Number	Stand- ard error* (number of apart- ments)	Percent	Stand- ard error* (per- centage points)	Percent	Stand- ard error* (per- centage points)	Percent	Stand- ard error* (per- centage points	Percent	Stand- ard error* (per- centage points)	Percent	Standard error* (per- centage points)			
1985															
January-March April-June July-September October-December	74,800 94,200 97,100 98,300	3,260 4,080 3,900 3,420	67 65 64 65	1.5 2.0 1.9 1.6	64 68 65 62	2.1 2.0 1.9 1.6	84 85 83 82	1.6 1.5 1.5 1.3	91 92 91 93	1.2 1.1 1.1 0.9	94 95 96 96	1.2 0.9 0.8 0.7			
January-March April-June July-September October-December	92,700 99,600 107,700 107,700	3,430 4,020 5,670 5,670	67 63 69 64	1.7 1.9 1.7 1.8	65 66 71 61	1.7 1.9 1.7 1.9	86 84 85 81	1.3 1.4 1.3 1.5	93 91 92 91	0.9 1.1 1.0 0.6	96 95 96 95	0.8 0.8 0.4 0.4			
1987 January-March April-June July-September <sup>r</sup> October-December <sup>r</sup>	97,700 81,600 89,300 77,400	4,620 4,760 4,240 4,670	60 64 62 65	1.8 2.2 2.4 2.1	58 68 63 63	2.1 1.4 2.4 2.0	80 87 80 83	2.6 0.7 2.4 1.3	88 93 87 (NA)	2.7 0.7 2.0 (NA)	92 96 (NA) (NA)	2.4 0.4 (NA) (NA)			
1988 January-March <sup>p</sup>	70,300	3,620	63	2.0	60	1.8	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)			

\*Standard error within range of about 2 chances out of 3.

NA Not available.

'Revised.

# Figure 2. Median Rent of Apartments Completed in the United States: 1985 to 1988



## Figure 3.





Note: Limited to Buildings with five or more units in permit-issuing places.

3

Almost all (99 percent) of newly constructed apartments were located in metropolitan areas, and these were evenly divided between central cities (48 percent) and suburban areas (51 percent). There was little multiunit construction activity in the Northeast (3 percent of the total) and only 19 percent in the Midwest. The majority of the new apartment construction was in the South (37 percent) or the West (42 percent) (table 4).

Approximately 16,100 cooperative and condominium apartments in buildings with five units or more were completed in the first quarter of 1988, significantly lower  $(\pm 6,510)$  than the 25,100 units completed in the fourth quarter of 1987, but about the same  $(\pm 6,340)$  as in the same (first) quarter last year. The 3-month absorption rate for these apartments was 69 percent. Cooperative and condominium apartments accounted for about 18 percent of total first quarter 1988 completions (table 5). While the survey found a few cooperative units completed in the first quarter of 1988, the weighted number of cooperatives rounds to zero; therefore, the 16,100 cooperative and condominium sis primarily a reflection of condominium construction.

The 16,100 condominium apartments constructed in the first quarter was significantly lower ( $\pm$ 6,750) than the 23,900 such units completed last quarter. Seventy-one percent of the new condominium units had two bedrooms, 15 percent had fewer than two bedrooms, and 14 percent had three or more (table 6).

A total of 318,600 unfurnished units were completed in the last 12 months and the median asking rent was \$521 (table 7). The total number of condominium apartments completed in the last 12 months was 86,300; those reported as sold before the second quarter of 1988 numbered 56,000 (table 8). The 35 ( $\pm$ 1) percent of the condominium units built in the past 12 months that were either sold in the second quarter or remaining on the market after the second quarter remaining on the market after the second quarter had a median asking price of \$98,700. About two-thirds ( $\pm$ 5 percent) of all condominium apartments built in the past 12 months have two bedrooms, whereas two-bedroom, unfurnished, rental apartments have accounted for just over half ( $\pm$ 2 percent) of all such units completed in the past year.

The 90,500 apartments in all buildings with five units or more completed during the first quarter of 1988 (table 9) is lower than the total completions in any quarter in the past four and a half years; that is, since the 80,500  $(\pm 3,680)$  units completed in the second quarter of 1983.

The 90,500 apartments completed in January through March is about 28 ( $\pm$ 7) percent fewer than the 126,400 completed during the same period (first quarter) in 1987, and nearly 18 ( $\pm$ 7) percent fewer than the 110,000 completed in the last (fourth) quarter. The majority of the units completed in the first quarter were the 70,300 privately financed, nonsubsidized, unfurnished, rental apartments.

Furnished, privately financed, nonsubsidized, rental units accounted once again for less than 1 ( $\pm$ 1) percent

of all apartment completions. Although the low number of furnished apartment completions this quarter is in keeping with the last quarter, caution is still urged in the interpretation of these current figures as they may be a temporary aberration in the data and may not be an indication of the beginning of some underlying trend.

Units in federally subsidized properties built under programs of the Department of Housing and Urban Development (Low Income Housing Assistance (Section 8), Senior Citizens Housing Direct Loans (Section 202), and all units in buildings containing apartments in the FHA rent supplement program) accounted for 3 ( $\pm$ 2) percent of total completions.

One  $(\pm 1)$  percent of the apartments completed are not in the scope of the survey for the purpose of measuring absorption rates or characteristics and include time-sharing units, continuing care retirement units, and turnkey units (privately built for and sold to local public housing authorities subsequent to completion). The data on privately financed units include privately owned housing subsidized by State and local government.

#### SAMPLE DESIGN

The Survey of Market Absorption (SOMA) is designed to provide data concerning the rate at which nonsubsidized and unfurnished privately financed units in buildings with five units or more are rented (or absorbed). In addition, data on characteristics of the units, such as rent and number of bedrooms, are collected.

The buildings selected for SOMA are those included in the Census Bureau's Survey of Construction (SOC).<sup>2</sup> For SOC, the United States is first divided into primary sampling units (PSU's) which are sampled on the basis of population. Next, a sample of permit-issuing places is selected within each sample PSU. Finally, all buildings with five units or more within sampled places, as well as a subsample of buildings with one to four units, are selected.

Each quarter, a sample of buildings with five or more housing units in the SOC sample reported as completed during that quarter come into sample for SOMA. Buildings completed in nonpermit-issuing areas are excluded from consideration. Information on the proportion of units absorbed 3, 6, 9, and 12 months after completion is obtained for units in buildings selected in a given quarter in each of the next four quarters.

Each quarter the absorption data for some buildings are received too late for inclusion in the report. These late data will be included in a revised table in the next quarterly report.

<sup>&</sup>lt;sup>2</sup>See "Housing Starts," Construction Reports, Series C20, for details of this survey.

### ESTIMATION

Unbiased quarterly estimates are formed by multiplying the counts for each building by its base weight (the inverse of its probability of selection) and then summing over all buildings. The final estimate is then obtained by multiplying the unbiased estimate by the following ratio estimate factor: total units in 5 + buildings in permitissuing areas as estimated by the SOC for that quarter total units in 5 + buildings as estimated by SOMA for that quarter. This procedure produces estimates of the units completed in a given quarter which are consistent with the published figures from the Housing Completions Series,<sup>3</sup> and also reduces, to some extent, the sampling variability of the estimates of totals.

It is assumed that the absorption rates and other characteristics of units not included in the interviewed group or not accounted for are identical to rates for units where data were obtained. The noninterviewed and not-accounted-for cases constitute less than 2 percent of the sample housing units in this survey.

<sup>3</sup>See "Housing Completions," Construction Reports, Series C22.

# Table 2. Characteristics of Unfurnished Apartments Completed During the First Quarter of 1988 and Rented Within 3 Months (Preliminary)

#### Not Seasonally Adjusted

(Privately financed, nonsubsidized, unfurnished, rental apartments in buildings with five units or more. Data regarding number of bedrooms and asking rent are collected at the initial interview, i.e., 3 months following completion. Data may not add to total due to rounding. Medians are computed using unrounded data.)

	Total un apartments	furnished completed	Percent of	total units	Percent rented within 3 months		
ltem	Number	Standard error* (number of apartments or dollars)	Percent	Standard error* (per- centage points)	Percent	Standard error* (per- centage points)	
 Total	70,300	3,620	100	(X)	60	1.8	
RENT CLASS					4		
Less than \$350 \$350 to \$399 \$400 to \$449 \$450 to \$499 \$500 to \$549 \$550 or more.	4,000 7,300 7,900 10,400 8,300 32,400	1,170 1,540 1,040 1,240 910 1,820	6 10 11 15 12 46	1.5 1.9 1.3 1.3 1.3 3.3	69 66 60 57 54 60	9.2 5.1 3.3 3.9 2.1 1.8	
Median asking rent	\$533	\$10.90	(X)	(X)	(X)	(X)	
Fewer than two bedrooms Less than \$350	3,100 4,700 5,500 4,900 1,500 9,900	990 870 990 920 130 810	4 7 8 7 2 14	1.3 1.0 1.3 1.3 0.2 1.4	65 64 60 55 63 57	10.9 4.3 4.5 4.3 2.7 2.4	
Median asking rent	\$466	\$10.20	(X)	(X)	(X)	(X)	
Two bedrooms or more         Less than \$350         \$350 to \$399         \$400 to \$449         \$450 to \$499         \$500 to \$549         \$550 to \$649         \$650 or more         Median asking rent.	900 2,700 2,400 5,500 6,800 6,600 15,800 \$582	380 740 270 1,010 890 960 840 \$14.90	1 4 3 10 9 23 (X)	0.5 0.9 0.3 1.2 1.2 1.3 1.7 (X)	83 68 60 59 52 67 60 (X)	9.6 8.8 5.6 6.0 2.6 4.8 1.2 (X)	
BEDROOMS							
No bedroom 1 bedroom 2 bedrooms 3 bedrooms or more	2,300 27,300 37,600 3,100	560 1,650 1,760 380	3 39 54 4	0.7 1.2 1.2 0.5	52 60 60 67	10.0 2.2 1.9 3.1	

\*Standard error within range of about 2 chances out of 3.

X Not applicable.

## **RELIABILITY OF THE ESTIMATES**

There are two types of possible errors associated with data from sample surveys: sampling and nonsampling errors. The following is a description of the sampling and nonsampling errors associated with SOMA.

#### **Nonsampling Errors**

In general, nonsampling errors can be attributed to many sources: inability to obtain information about all cases in the sample; definitional difficulties; differences in the interpretation of questions; inability or unwillingness of the respondents to provide correct information; and errors made in processing the data. These nonsampling errors also occur in complete censuses. Although no direct measurements of the biases have been obtained, it is believed that most of the important response and operational errors were detected in the course of reviewing the data for reasonableness and consistency.

#### Sampling Errors

The particular sample used for this survey is one of a large number of possible samples of the same size that

could have been selected using the same sample design. Even if the same questionnaires, instructions, and interviewers were used, estimates from each of the different samples would differ from each other. The deviation of a sample estimate from the average of all possible samples is defined as the sampling error. The standard error of a survey estimate attempts to provide a measure of this variation among the estimates from the possible samples and, thus, is a measure of the precision with which an estimate from a sample approximates the average result of all possible samples.

As calculated for this survey, the standard error also partially measures the variation in the estimates due to response and interviewer errors (nonsampling errors), but it does not measure, as such, any systematic biases in the data. Therefore, the accuracy of the estimates depends on both the sampling and nonsampling error measured by the standard error, biases, and some additional nonsampling errors not measured by the standard error.

The sample estimate and its estimated standard error enable the user to construct confidence intervals, ranges that would include the average result of all possible samples with a known probability. For example, if all

# Table 3. Characteristics of Unfurnished Apartments Completed During the Fourth Quarter of 1987 and Rented Within 3 Months (Revised)

#### Not Seasonally Adjusted

(Privately financed, nonsubsidized, unfurnished, rental apartments in buildings with five units or more. Data regarding number of bedrooms and asking rent are collected at the initial interview, i.e., 3 months following completion. Data may not add to total due to rounding. Medians are computed using unrounded data.)

	Total unfurnis comp	hed apartments leted	Percent of	total units	Percent rented within 3 months		
ltem	Number	Standard error* (number of apartments)	Percent	Standard error* (percentage points)	Percent	Standard error* (percentage points)	
Total	77,400	4,670	100	(X)	63	2.0	
RENT CLASS							
Less than \$350 \$350 to \$399 \$400 to \$449 \$500 to \$499 \$500 to \$549 \$550 or more. Median asking rent. BEDROOMS	5,000 9,400 7,500 10,200 9,600 35,800 \$535	1,020 2,110 940 1,500 1,050 2,270 \$12.10	6 12 10 13 12 46 (X)	1.1 2.5 1.0 1.7 1.2 2.7 (X)	76 67 63 56 62 63 (X)	3.4 6.7 4.1 6.7 4.1 2.0 (X)	
Fewer than 2 bedrooms	31,600 42,300 3,600	2,180 3,060 560	41 55 5	1.8 1.8 0.7	62 63 81	2.2 2.7 2.4	

\*Standard error within range of about 2 chances out of 3.

X Not applicable.

possible samples were selected, each of these were surveyed under essentially the same general conditions, and an estimate and its estimated standard error were calculated from each sample, then- 1. Approximately 68 percent of the intervals from one standard error below the estimate to one standard error above the estimate (i.e., 68-percent confidence interval) would include the average result of all possible samples, 2. Approximately 90 percent of the intervals from 1.6 standard errors below the estimate to 1.6 standard errors above the estimate (i.e., 90-percent confidence interval) would include the average result of all possible samples. 3. Approximately 95 percent of the intervals from two standard errors below the estimate to two standard errors above the estimate (i.e., 95-percent confidence interval) would include the average result of all possible samples.

For very small estimates, the lower limit of the confidence interval may be negative. In this case, a better approximation to the true interval estimate can be achieved by restricting the interval estimate to positive values, that is, by changing the lower limit of the interval estimate to zero. The average result of all possible samples either is or is not contained in any particular computed interval. However, for a particular sample, one can say with specified confidence that the average result of all possible samples is included in the constructed interval.

The conclusions stated in this report are considered significant at the 90-percent confidence level. For example, table 2 of this report shows that there were 37,600 apartments with two bedrooms completed in the first quarter of 1988. The standard error of this estimate is 1,760. The 68-percent confidence interval as shown by these data is from 35,840 to 39,360. Therefore, a conclusion that the average estimate derived from all possible samples lies within a range computed in this way would be correct for roughly 68 percent of all possible samples. Similarly, we could conclude that the average estimate derived from all possible samples lies within the interval from 34,784 to 40,416 (using 1.6 times the standard error) with 90 percent confidence.

The data in this report are preliminary and subject to slight changes in the annual report.

#### Table 4. Unfurnished Apartments Completed During the First Quarter of 1988, by Geographic Area

#### Not Seasonally Adjusted

(Privately financed, nonsubsidized, unfurnished, rental apartments in buildings with five units or more. Data are collected at the initial interview, i.e., 3 months following completion. Data may not add to total due to rounding.)

	Total unf apartments	iurnished completed	Percent of	total units	Percent rented within 3 months		
Geographic area	Number	Standard error* (number of apartments or dollars)	Percent	Standard error* (percentage points)	Percent	Standard error* (percentage points)	
United States, total	70,300	3,620	100	(X)	60	1.8	
Inside MSA's In central city Not in central city Outside MSA's	69,700 33,700 36,000 600	3,660 3,250 2,510 490	99 48 51 1	0.7 3.3 3.2 0.7	60 60 60 60	1.8 2.9 2.3 5.0	
Northeast Midwest South West	2,100 13,000 25,900 29,300	920 3,280 3,380 1,400	3 19 37 42	1.3 4.2 4.0 3.2	53 74 48 66	5.2 3.4 2.2 1.2	

\*Standard error within range of about 2 chances out of 3.

X Not applicable.

# Table 5. Absorption Rates of Cooperative and Condominium Apartments: 1985 to 1988 Not Seasonally Adjusted

(Structures with five units or more.)

	Total cooperative and condominium		Percent o	f all units	Percent absorbed within-							
	aparti comp	ments pleted	in buildin units o	gs with 5 r more	3 mc	onths	6 m	onths	9 mc	onths	12 m	onths
Quarter of completion	Number	Stand- ard error* (number of apart- ments)	Percent	Stand- ard error* (per- centage points)	Percent	Stand- ard error* (per- centage points)	Percent	Stand- ard error* (per- centage points	Percent	Stand error* (per- centage Points)	Percent	Standard error* (per- centage points)
1985												
January-March April-June July-September October-December	32,700 36,600 39,000 27,400	2,850 3,570 3,510 2,870	28 26 27 21	2.0 6.0 4.0 4.2	65 69 59 69	4.1 4.3 4.4 4.8	81 78 70 81	3.4 3.8 4.1 4.1	86 82 84 85	3.0 3.7 3.3 3.7	90 87 89 90	3.0 3.2 2.8 3.1
1986												
January-March April-June July-September October-December	23,300 23,700 26,500 28,200	2,830 3,130 3,300 3,390	19 17 18 19	4.7 4.9 5.1 4.7	75 72 74 73	5.1 5.9 5.4 5.3	86 79 81 83	4.2 5.3 4.9 4.5	90 82 87 88	3.8 5.0 4.2 2.2	94 85 92 93	3.1 4.7 1.1 1.0
1987												
January-March April-June <sup>r</sup> July-September <sup>r</sup> October-December <sup>r</sup>	20,600 27,000 19,000 25,100	3,210 4,190 2,810 3,340	16 23 16 23	5.2 3.2 2.0 3.2	78 78 66 71	5.5 3.1 2.9 4.2	88 87 77 80	2.1 1.8 2.9 3.6	92 90 83 (NA)	1.5 1.4 3.0 (NA)	94 93 (NA) (NA)	1.2 1.0 (NA) (NA)
1988											1	
January-March <sup>p</sup>	16,100	2,320	18	2.4	69	6.5	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
*Standard error wit	thin range	of about 2	chances of	out of 3.	NA No	t available	. <sup>р</sup> р	reliminary	r Re	vised.		

#### Table 6. Characteristics of Condominium Apartments Completed During First Quarter of 1988 and Sold Within 3 Months

#### Not Seasonally Adjusted

(Privately financed, nonsubsidized, condominium apartments in buildings with five units or more. Data regarding number of bedrooms and asking price are collected at the initial interview, i.e., 3 months following completion. Data may not add to total due to rounding. Medians are computed using unrounded data.)

	Total con apartments	dominium completed	Percent of	total units	Percent sold within 3 months		
ltem	Number	Standard error* (number of apartments)	Percent	Standard error* (per- centage points)	Percent	Standard error* (percentage points)	
Total	16,100	2,320	100	(X)	69	6.5	
PRICE CLASS							
Less than \$50,000. \$50,000 to \$74,999. \$75,000 to \$99,999. \$100,000 to \$149,999. \$150,000 to \$199,999. \$200,000 or more.	700 5,000 3,700 3,600 2,000 1,100	260 1,480 840 640 960 190	4 31 23 22 13 7	1.7 6.4 5.2 2.5 5.5 1.5	54 59 71 81 73 76	9.7 16.7 4.2 3.9 3.8 3.8	
Median asking price	\$90,900	\$7,890	(X)	(X)	(X)	(X)	
BEDROOMS							
Fewer than 2 bedrooms 2 bedrooms	2,500 11,500 2,200	530 1,450 740	15 71 14	1.8 4.0 3.4	71 70 64	3.7 6.8 11.2	

#### Table 7. Characteristics of Unfurnished Apartments Completed in the Last 4 Quarters and Reported as Rented and Remaining For Rent in Second Quarter of 1988

(Privately financed, nonsubsidized, unfurnished, rental apartments in buildings with five units or more. Data regarding number of bedrooms and asking rent are collected at the initial interview, i.e., 3 months following completion. Data may not add to total due to rounding. Medians are computed using unrounded data.)

ltem	Total unfur- nished apartments completed in last 4 quarters	Standard error* (number of apart- ments)	Apartments rented prior to 2nd quarter 1988	Standard error* (number of apart- ments)	Apartments rented in 2nd quarter 1988	Standard error* (number of apart- ments)	Apartments remaining for rent at end of 2nd quarter 1988	Standard error* (number of apartments)
Total,	318,600	7,080	<b>1</b> 96,100	6,720	66,700	2,410	55,800	2,670
RENT CLASS								
Less than \$350 \$350 to \$399 \$400 to \$449 \$450 to \$499 \$500 to \$549 \$550 or more	20,500 38,500 38,100 47,100 36,000 138,400	1,790 3,070 2,580 3,690 1,910 3,680	13,900 23,900 24,300 29,100 22,400 82,500	1,970 3,010 2,460 3,010 2,170 3,520	4,000 8,100 7,500 9,300 7,600 30,100	750 1,050 710 1,030 700 1,450	2,500 6,500 6,300 8,600 6,000 25,900	630 1,480 910 1,220 470 1420
Median asking rent	\$521	\$4.90	\$515	\$7.50	\$529	\$7.90	\$533	\$11.10
BEDROOMS								
Fewer than 2 bedrooms 2 bedrooms	133,800 172,200 12,600	4,000 5,740 1,070	81,000 107,200 7,900	3,620 5,590 920	27,900 36,100 2,700	1,480 1,890 270	25,000 28,900 2,000	2,040 1,610 620

\*Standard error within range of about 2 chances out of 3. NA Not available.

Note: These data are for second through fourth quarter 1987 and first quarter 1988 completions.

#### Table 8. Characteristics of Condominium Apartments Completed in Last 4 Quarters and Reported as Sold and Remaining For Sale in Second Quarter of 1988

(Privately financed, nonsubsidized, condominium apartments in buildings with five units or more. Data regarding number of bedrooms and asking price are collected at the initial interview, i.e., 3 months following completion. Data may not add to total due to rounding. Medians are computed using unrounded data.)

ltem	Total con- dominiums completed in last 4 quarters	Standard error* (number of apart- ments)	Condomini- ums sold prior to 2nd quarter 1988	Standard error* (number of apart- ments)	Condomini- ums sold in 2nd quarter 1988	Standard error* (number of apart- ments)	Condomini- ums remaining for sale at end of 2nd quarter 1988	Standard error* (number of apart- ments)
Total	86,300	5,800	56,000	4,260	15,400	1,280	14,900	1,700
PRICE CLASS								
Less than \$50,000 \$50,000 to \$74,999 \$75,000 to \$99,999 \$100,000 to \$149,999 \$150,000 to \$199,999 \$200,000 or more	4,100 17,000 18,500 19,100 10,000 17,500	920 2,120 2,350 2,390 2,210 3,490	2,600 10,000 11,500 13,000 6,600 12,300	560 940 1,310 1,880 1,680 2,980	600 3,700 3,600 4,100 1,800 1,600	130 670 680 550 560 270	900 3,300 3,400 2,000 1,600 3,600	350 1,080 740 460 360 740
Median asking price	\$109,200	\$7,590	\$114,900	\$8,190	\$98,700	\$4,470	\$98,700	\$6,240
BEDROOMS								
Fewer than 2 bedrooms 2 bedrooms 3 bedrooms or more	17,300 58,700 10,400	2,670 4,900 1,590	11,700 37,900 6,400	2,190 3,520 970	2,500 11,000 1,900	420 1,080 530	3,100 9,800 2,000	370 1,580 520

\*Standard error within range of about 2 chances out of 3.

Note: These data are for second through fourth quarter 1987 and first quarter 1988 completions.

## Table 9. Apartments Completed in Buildings With Five Units or More: 1985 to 1988

(Data may not add to total due to rounding.)

	Total apartments completed		Unfurr apartr	nished ments	Furni aparti	shed ments	Cooperat condon	tives and niniums	Fede subsi	raily dized	Oth	ier <sup>1</sup>
Quarter of completion	Number	Stand- ard error*	Number	Stand- ard error*	Number	Stand- ard error*	Number	Stand- ard error*	Number	Stand- ard error*	Number	Stand- ard error*
1985												
January-March April-June July-September October-December .	117,900 138,300 144,500 132,600	6,290 8,040 7,850 7,110	74,800 94,200 97,100 98,300	3,260 4,060 3,990 3,420	1,100 1,700 2,100 2,500	590 850 890 940	32,700 36,600 39,000 27,400	2,850 3,570 3,550 2,870	2,500 3,300 2,400 3,800	880 1,190 970 1,160	6,800 2,500 3,900 600	1,430 1,030 1,010 460
1986												
January-March April-June July-September October-December	123,400 135,500 145,900 145,400	7,220 8,300 5,640 5,640	92,700 99,600 107,700 107,700	3,430 4,020 5,670 5,670	1,400 4,600 3,100 2,500	710 1,460 1,200 1,080	23,300 23,700 26,500 28,200	2,830 3,130 3,670 3,890	5,300 6,600 6,900 4,400	1,440 1,740 1,780 1,430	700 900 1,600 2,700	530 650 870 1,120
1987												
January-March April-June <sup>r</sup> July-September <sup>r</sup> October-December <sup>r</sup> .	126,400 117,800 119,900 110,000	5,140 5,140 5,140 3,620	97,700 81,600 89,300 77,400	4,620 4,760 4,240 4,670	1,400 2,600 3,800 100	780 530 1,440 20	20,600 27,000 19,000 25,100	3,210 4,190 2,810 3,340	3,700 3,200 5,900 4,200	1,310 280 2,000 1,320	3,000 3,300 2,000 3,000	1,160 880 520 1,580
1988												
January-March <sup>p</sup>	90,500	3,620	70,300	3,620	400	40	16,100	2,320	3,100	1,300	600	50

\* Standard error within range of about 2 chances out of 3. <sup>p</sup> Preliminary. <sup>r</sup> Revised. <sup>1</sup>Other includes time-sharing units, continuing care retirement units and turnkey housing (privately built for and sold to local public housing authorities subsequent to completion).

# The County and City Data Book is also available on diskette

Diskette files are suitable for input to leading spreadsheet, data base, and mapping programs.

Data files are recorded in ASCII with comma delimited fields. Discs are 5.25 inch formatted for IBM compatible microcomputers. All orders include: a free utility program and documentation for the data files and for the program.



For further technical information call: Statistical Compendia Staff Bureau of the Census Washington, DC 20233 Telephone: (301) 763–1034 For information on ordering or to request a free sampler disk, call or write: Customer Services Bureau of the Census, Washington, DC 20233 Telephone: (301) 763–4100 U.S. Department of Commerce BUREAU OF THE CENSUS Washington, D.C. 20233

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