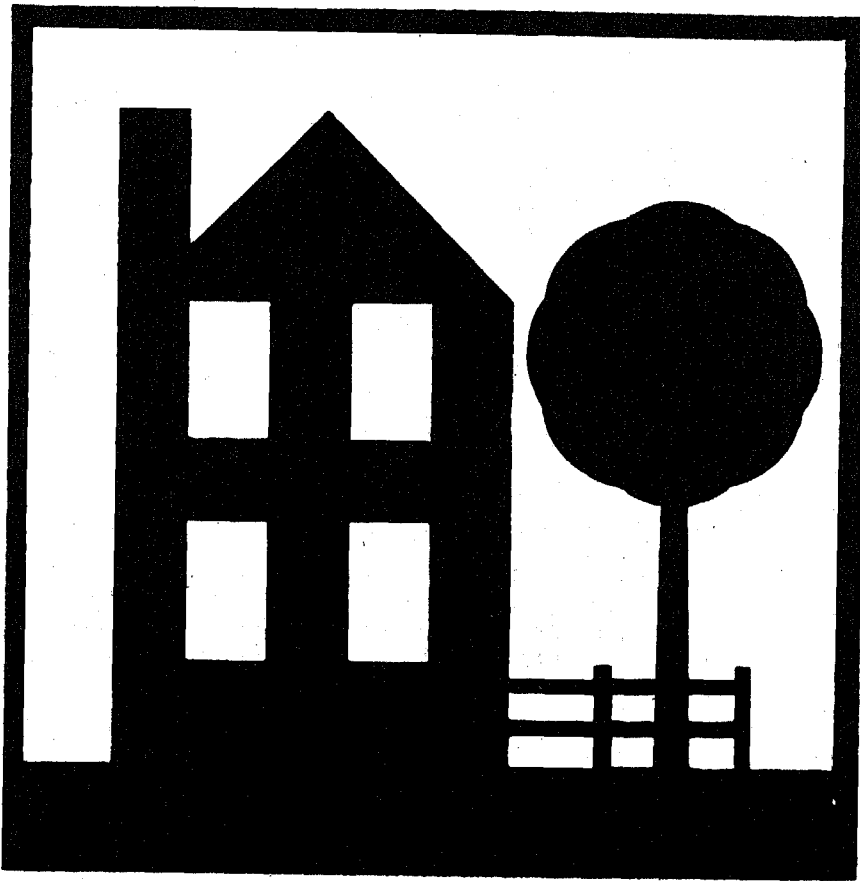


H—E105

1950 UNITED STATES CENSUS OF HOUSING

U. S. DEPARTMENT OF COMMERCE • BUREAU OF THE CENSUS



MADISON, WIS.

**BLOCK
STATISTICS**

U. S. CENSUS OF HOUSING: 1950

Volume

- I General Characteristics
- II Nonfarm Housing Characteristics
- III Farm Housing Characteristics
- IV Residential Financing
- V Block Statistics

Housing statistics for census tracts are to be included in the Population reports on census tracts.

U. S. CENSUS OF POPULATION: 1950

Volume

- I Number of Inhabitants
- II Characteristics of the Population

Succeeding volumes will cover the following subjects:

Census Tracts, Nativity and Parentage, Nonwhite Population by Race, Persons of Spanish Surname, Institutional Population, Differential Fertility, Labor Force Characteristics, Occupation, Industry, Income, Internal Migration, Education, Characteristics of Families and Households.

UNITED STATES CENSUS of HOUSING : 1950
U. S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS
CHARLES SAWYER, Secretary ROY V. PEEL, Director



BLOCK STATISTICS

**MADISON
WISCONSIN**

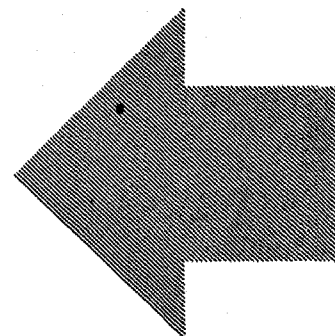
*Prepared under the supervision of
Howard G. Brunzman, Chief
Population and Housing Division*

1950 HOUSING CENSUS REPORT

VOLUME V, PART 105

UNITED STATES GOVERNMENT PRINTING OFFICE 1951

BLOCKS • WARDS





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PREFACE

This report presents statistics on characteristics of dwelling units by blocks for the city. The tabulations are based on data from the 1950 Census of Housing, taken as of April 1, 1950. Authorization for the 1950 Census of Housing as part of the Seventeenth Decennial Census was provided by the Housing Act of 1949, approved July 15, 1949.

The major portion of the information compiled from the 1950 Census of Housing appears in Volume I, *General Characteristics*; Volume II, *Nonfarm Housing Characteristics*; Volume III, *Farm Housing Characteristics*; Volume IV, *Residential Financing*; and Volume V, *Block Statistics*. Volume V consists of separate reports, issued as bulletins for each of the 209 cities which in 1940 or in a subsequent census had a population of 50,000 or more. These reports will not be bound into a single publication.

The subjects covered in both the 1950 and 1940 reports on characteristics of dwelling units by blocks are substantially similar.

This report was prepared under the direction of Howard G. Brunsman, Chief, Population and Housing Division, and Wayne F. Daugherty, Assistant Chief for Housing. Robert C. Hamer, Chief, Quality and Equipment Statistics Section, was in charge of coordinating the content and the format of the report with assistance from Carl A. S. Coan, Chief, Inventory Statistics Section; Floyd D. McNaughton, Chief, Equipment and Facilities Unit; Beulah Washabaugh, Chief, Tenure and Vacancy Unit; and Walter A. Hines. The compilation of the statistics was under the supervision of Robert B. Voight, Assistant Chief for Operations.

The collection of the information on which these statistics are based was under the supervision of Lowell T. Galt, Chief, Field Division. The geographic work, including the assignment of all block numbers and the preparation of maps, was under the supervision of Clarence E. Batschelet, Chief, Geography Division. The data were tabulated under the supervision of C. F. Van Aken, Chief, Machine Tabulation Division.

November 1951.

MADISON, WIS.

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BLOCK STATISTICS

INTRODUCTION

GENERAL

Volume V of the Reports on Housing consists of a separate report for each of the 209 cities which in 1940, or in a subsequent census prior to 1950, had a population of 50,000 or more. Each report presents for the city, by blocks, tabulations for a limited number of subjects obtained in the Census of Housing. The subjects in these reports are similar to those in the block statistics supplements to Volume I of the reports of the 1940 Census of Housing. The subjects in this report present the number of dwelling units classified by occupancy and tenure, condition and plumbing facilities, persons per room, color of occupants, average contract monthly rent of renter-occupied and selected vacant units, and the average value of one-dwelling-unit owner-occupied and selected vacant structures. In table 1, the statistics for these subjects are summarized for the city. Table 2 contains the statistics for wards; these are the only statistics for wards that will be published from the 1950 Census of Housing. In table 3, the data are presented by blocks within wards and block areas. Maps identifying the location of each block and the ward boundaries are a part of this report.

Related reports.—Related statistics for this city are contained in the Reports on Housing, Volume I, *General Characteristics*; and in the Reports on Population, Volume I, *Number of Inhabitants*, and Volume II, *Characteristics of the Population*.

The Reports on Housing for each State in Volume I present data on the characteristics of dwelling units for the State by residence (urban, rural nonfarm, and rural farm), for standard metropolitan areas, urbanized areas, counties, for urban places, places of 1,000 to 2,500 inhabitants, and rural-nonfarm and rural-farm dwelling units for each county. Each report includes the following subjects: occupancy, tenure, race of occupants, type of structure, year built, condition and plumbing facilities, water supply, toilet and bathing facilities, number of rooms, number of persons, persons per room, electric lighting, heating equipment, heating and cooking fuels, refrigeration equipment, kitchen sink, radio, television, and, for nonfarm units, the contract monthly rent, gross monthly rent, and value of one-dwelling-unit structures.

Volume I of the Reports on Population shows the 1950 population of each county and of each minor civil division within the county. It also contains figures for each incorporated place, for each unincorporated place with 1,000 or more inhabitants, and for incorporated places of 5,000 or more by wards. A special series of tables presents data for each urbanized area giving the incorporated places and portions of minor civil divisions within it.

Volume II of the 1950 Population Reports contains statistics on the general characteristics of the population. Chapter A of this volume repeats the figures on number of inhabitants as shown in Volume I; Chapter B presents demographic, economic, and social characteristics of the population; and Chapter C gives more detailed cross-classifications for States and large cities and standard metropolitan areas.

Use of data.—The tabulation of housing characteristics for areas as small as city blocks provides descriptive material of considerable value for technical studies of housing in the city. The statistics will be useful in compiling totals for special types of areas that may be defined to meet the requirements of individual investigators. Users of the data should bear in mind that in

practically all cases the data for a given block represent the work of only one enumerator. Consequently, housing characteristics for blocks are subject to a wider margin of error than is to be expected in the figures for tracts or wards which represent returns made by a number of enumerators. Misinterpretation of instructions by one enumerator may cause a significant bias in the statistics for a block even though it may have a negligible effect upon the figures for larger areas. For example, the enumeration of "condition" depended to a considerable extent upon the judgment of the individual enumerator. Also, failure to indicate the correct block number for a significant number of dwelling units may introduce errors into the block data.

Comparability with 1940 Housing Census data.—In the 1940 Census of Housing, reports entitled "Block Statistics" were issued as supplements to the first series of Housing bulletins. These supplements consisted of separate reports for each of the 191 cities which had 50,000 inhabitants or more in 1930.

In the 1950 reports, the block numbers used are different, in most cases, from those used in the 1940 reports. Therefore, to compare 1940 and 1950 data for a given block, it is necessary to locate the block on the maps to obtain the corresponding 1940 and 1950 block numbers.

The subjects in both the 1940 and 1950 reports are substantially similar. However, data on number of structures, year built, and mortgage status have been omitted from the 1950 report. Furthermore, in the 1940 reports average contract or estimated monthly rent was reported for all dwelling units while in 1950 average contract monthly rent is reported for some, and average value for other, dwelling units.

DEFINITIONS AND EXPLANATIONS

More detailed and complete definitions are presented in Volume I of the Housing Reports.

Dwelling unit.—In general, a dwelling unit is a group of rooms or a single room, occupied or intended for occupancy as separate living quarters, by a family or other group of persons living together or by a person living alone.

A group of rooms, occupied or intended for occupancy as separate living quarters, is a dwelling unit if it has separate cooking equipment or a separate entrance. A single room, occupied or intended for occupancy as separate living quarters, is a dwelling unit if it has separate cooking equipment or if it constitutes the only living quarters in the structure. Also, each apartment in a regular apartment house is a dwelling unit even though it may not have separate cooking equipment. Excluded from the dwelling unit count are large rooming houses, institutions, dormitories, and transient hotels and tourist courts.

In the 1940 Census, a dwelling unit was defined as the living quarters occupied or intended for occupancy by one household. A household consisted of a family or other group of persons living together with common housekeeping arrangements, or a person living entirely alone. However, the enumerator was not explicitly instructed to define rooms as dwelling units on the basis of cooking equipment or separate entrance.

The number of dwelling units in the 1950 Census may be regarded as comparable with the number of dwelling units in the 1940 Census. Some living quarters may have been classified as separate dwelling units in the one census and not in the other. Further, in the 1950 Census, living quarters with five or more

lodgers were not tabulated as dwelling units; generally, such quarters were included in the 1940 dwelling unit count. However, the net effect of these changes is probably small.

Occupancy and tenure.—Dwelling units are classified by occupancy and tenure into four groups: owner-occupied; renter-occupied; vacant nonseasonal not dilapidated, for rent or sale; and other vacant and nonresident. A dwelling unit is classified as owner-occupied if it was owned wholly or in part by the head of the household or by some related member of his family living in the dwelling unit. All other occupied units are classified as renter-occupied whether or not cash rent was actually paid for living quarters. Rent-free units and living accommodations received in payment for services performed are thus included with the renter-occupied units.

A dwelling unit is considered vacant if no persons are living in it at the time of enumeration. New units not yet occupied were enumerated as vacant dwelling units if construction had proceeded to the extent that all the exterior windows and doors were installed and final usable floors were in place. The classification "Vacant nonseasonal not dilapidated, for rent or sale" is descriptive of the vacant dwelling units reported in this classification. "Other vacant and nonresident" units include all dilapidated and seasonal vacant units as well as the not dilapidated units which were not for rent or sale.

Because of changes in enumeration procedures, the counts of total vacant units in 1940 and 1950 are not strictly comparable. In 1940, vacant units were enumerated if they were habitable; units uninhabitable and beyond repair were excluded from the enumeration. In 1950, units were included regardless of condition if they were intended for occupancy as living quarters. Therefore, no comparison should be made between the data on "vacant nonseasonal not dilapidated, for rent or sale" units from the 1950 Census and data in the 1940 Census reports.

In both censuses, dwelling units occupied entirely by non-residents were included with vacant units not for rent or sale. Trailers, tents, houseboats, and railroad cars which were vacant were excluded from the dwelling unit inventory in both 1950 and 1940.

Condition and plumbing facilities.—Data on condition of a dwelling unit are shown in combination with data for selected plumbing facilities and are, therefore, limited to units for which both condition and plumbing facilities are reported. Plumbing facilities include water supply, toilet facilities, and bathing facilities.

The category "with private bath" includes those dwelling units reported with both a flush toilet and a bathtub or shower inside the structure for the exclusive use of the occupants of the unit. The category "no private bath" includes those dwelling units not having private flush toilet or not having private bathing facilities. The "no running water" category includes units with only piped running water outside the structure or with only other sources such as a hand pump.

A dwelling unit is "dilapidated" when it is run-down or neglected, or is of inadequate original construction, so that it does not provide adequate shelter or protection against the elements or it endangers the safety of the occupants.

Persons per room.—The number of persons per room has been computed for each occupied dwelling unit by dividing the number of persons in the dwelling unit by the number of rooms in the dwelling unit. All persons enumerated in the Population Census as members of the household (including lodgers, servants, and other nonrelated persons) are counted in determining the number of persons that occupy the dwelling unit. The number of rooms in the dwelling unit includes all rooms available for living quarters throughout the year. Not counted as rooms are bathrooms, closets, pantries, halls, screened porches, and unfinished rooms in the basement and attic.

Color of occupants.—Occupied dwelling units are classified by color of head of household according to the definition used in the

1950 Census of Population. The group designated as "nonwhite" consists of Negroes, Indians, Japanese, Chinese, and other non-white races. Persons who are not definitely Indian or of other nonwhite race are classified as white.

Contract monthly rent.—Contract monthly rent is the rent, at the time of enumeration, contracted for by the renter regardless of whether it includes furniture, heating fuel, electricity, cooking fuel, water, or personal services.

Monthly rent for vacant dwelling units is the amount asked for the dwelling unit at the time of enumeration. The average monthly rent relates to renter-occupied dwelling units and vacant nonseasonal not dilapidated units for rent. Dwelling units which are occupied "rent-free" are not included with the units reporting rent.

Value of one-dwelling-unit structures.—Average value is shown for owner-occupied dwelling units and vacant nonseasonal not dilapidated units which are for sale only. Value is shown only if the unit is in a one-dwelling-unit structure without business and if it is the only dwelling unit included in the property. The value represents the amount for which the owner estimates that the property, including such land as belongs with it, would sell under ordinary conditions and not at a forced sale. For vacant units, value is the sale price asked by the owner.

Number reporting.—Occupancy and tenure are reported for all dwelling units, and color of occupants is reported for all occupied units. The corresponding distributions for these subjects in table 1 are based on all dwelling units and on occupied units, respectively. For all other subjects, the distributions are based on the units for which the specific characteristics are reported, that is, the "Number reporting."

The number of dwelling units for which the enumerator obtained no report on a particular item is shown for the city totals only; however, the number "not reported" can easily be derived for each area in tables 2 and 3 by subtracting the number reporting from the total number of dwelling units (or total occupied).

Block identification.—A map or series of maps is included in this report showing block numbers for each block, number and letter designations for wards and block areas, and the names of principal streets.

Blocks are identified by serial numbers, a separate series of numbers being used for each ward or for a group of wards. Thus, the location of each block for which data are presented in table 3 may be determined by referring to the ward and block number shown on the map. Similarly, data for a specific block may be located in the table by reference to the map for the identification numbers of the ward and block.

In some cities "block areas" have been established to facilitate the numbering of blocks in groups of less than 1,000. This may cause a break in the sequence of block numbers within a ward. Where this occurs each part of the ward that is in a separate block area is distinguished on the map, and in the table the data are shown for blocks in numerical order within each block area section of the ward. When a boundary of a ward cuts through a block separating the block into segments, the statistics for each segment are tabulated in the ward in which it is physically located on the map. In such cases, to obtain the statistics for the entire block it is necessary to add the statistics for all segments.

If no dwelling units are reported for a block, the block number is not listed in table 3, although it is shown on the map. Dwelling units for which the block number was not reported are indicated in the table by the symbol "NR." Detailed data are not shown for such dwelling units, nor for blocks containing fewer than three dwelling units. Average monthly rent is not shown when the monthly rent was reported for fewer than three dwelling units. Average value is not shown when the value of one-dwelling-unit properties was reported for fewer than three dwelling units. All dwelling units are included, however, in the statistics for the city and for each ward.

Table 1.—CHARACTERISTICS OF HOUSING FOR THE CITY: 1950

Subject	Number	Percent	Subject	Number	Percent
OCCUPANCY AND TENURE			PERSONS PER ROOM		
All dwelling units.....	26,533	100.0	Occupied dwelling units.....	26,027	...
Owner occupied.....	13,317	50.2	Number reporting.....	25,781	100.0
Renter occupied.....	12,710	47.9	1.50 or less.....	24,926	96.7
Vacant nonseasonal not dilapidated, for rent or sale.....	312	1.2	1.51 or more.....	855	3.3
Other vacant and nonresident.....	194	0.7	Not reported.....	246	...
CONDITION AND PLUMBING FACILITIES			CONTRACT MONTHLY RENT		
All dwelling units.....	26,533	...	Renter-occupied, and vacant nonseasonal not dilapidated units, for rent—Number reporting.....	12,325	...
Number reporting.....	26,084	100.0	Total contract monthly rent..... dollars.....	681,745	...
With private bath, not dilapidated.....	21,654	83.0	Average monthly rent..... dollars.....	55.31	...
No private bath, with running water, not dilapidated.....	3,500	13.4	VALUE OF ONE-DWELLING-UNIT STRUCTURES		
No running water or dilapidated.....	930	3.6	Owner-occupied, ¹ and vacant nonseasonal not dilapidated units, for sale only—Number reporting.....	9,891	...
Condition or plumbing facilities not reported.....	449	...	Total value or sale price..... dollars.....	115,871,700	...
No private bath or dilapidated.....	4,430	17.0	Average value..... dollars.....	11,715	...
COLOR OF OCCUPANTS					
Occupied dwelling units.....	26,027	100.0			
White.....	25,835	99.3			
Nonwhite.....	192	0.7			

¹ Restricted to 1-dwelling-unit properties.

Table 2.—CHARACTERISTICS OF HOUSING BY WARDS: 1950

Ward	All dwelling units by occupancy and tenure					All dwelling units by condition and plumbing facilities			Occupied dwelling units			Contract monthly rent ¹		Value ² of one-dwelling-unit structures		
	Total	Owner occupied	Renter occupied	Vacant nonseasonal not dilap., for rent or sale	Other vacant and nonresident	Number reporting	No private bath or dilap.	No running water or dilap.	Total	Persons per room	Occupied by non-white	Number reporting	Average monthly rent (dollars)	Number reporting	Average value (dollars)	
TOTAL	26533	13317	12710	312	194	26084	4430	930	26027	25781	855	192	12325	55.31	9891	11,715
1	1527	167	1326	24	10	1505	429	7	1493	1481	97	5	1319	60.44	76	17,635
2	1326	448	861	7	10	1291	271	32	1309	1297	28	19	840	53.82	208	10,624
3	1081	258	788	17	18	1041	273	25	1046	1027	33	6	753	51.06	78	10,880
4	1103	281	805	7	10	1094	280	4	1086	1080	50	2	780	52.12	114	9,038
5	1196	194	979	14	9	1167	326	15	1173	1156	68	13	955	53.28	87	8,143
6	1221	507	698	7	9	1207	257	30	1205	1195	37	8	677	50.44	256	10,763
7	1020	515	485	13	7	998	127	8	1000	991	26	1	459	57.36	373	12,251
8	1140	293	838	1	8	1131	330	47	1131	1129	41	3	822	50.21	84	10,252
9	831	356	461	4	10	806	198	84	817	810	37	68	443	40.99	200	9,944
10	895	506	382	4	3	882	21	6	888	882	6	1	357	68.90	399	15,970
11	978	512	455	6	5	965	184	7	967	957	27	6	437	55.05	321	10,448
12	832	152	676	2	2	806	290	183	828	817	135	13	644	48.57	74	9,033
13	987	604	379	4		980	62		983	972	12		368	65.37	492	13,986
14	1073	695	360		10	1052	222	105	1055	1037	38	34	341	54.15	531	9,683
15	1172	617	538	13	4	1157	140	23	1155	1147	20	1	529	51.81	429	10,809
16	1751	1164	517	58	12	1741	181	21	1681	1676	37	1	498	52.01	981	9,998
17	993	606	378	7	2	974	132	10	984	972	23	1	361	48.28	467	8,296
18	3258	1985	1201	56	16	3211	475	143	3186	3162	93	1	1193	62.63	1553	9,210
19	2517	2061	382	36	38	2476	192	174	2443	2422	41	7	362	70.02	1841	13,226
20	1632	1396	201	24	11	1600	40	6	1597	1571	6	2	177	73.61	1327	15,195

¹For renter-occupied dwelling units and vacant nonseasonal not dilapidated units, for rent.
²For owner-occupied dwelling units and vacant nonseasonal not dilapidated units, for sale only.

HOUSING—BLOCK STATISTICS

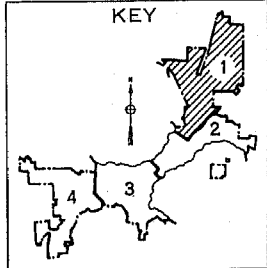
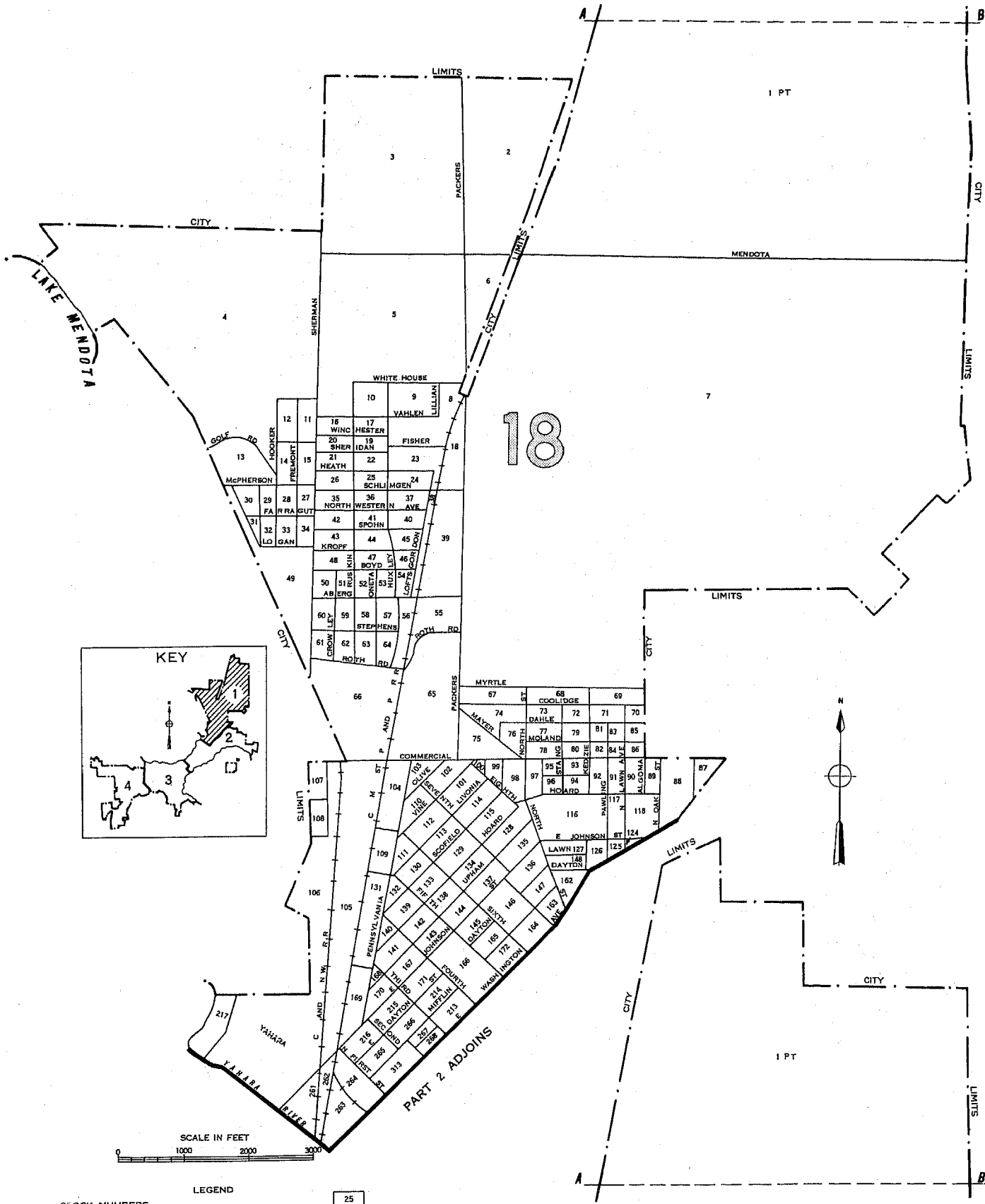
Table 3.—CHARACTERISTICS OF HOUSING FOR WARDS, BY BLOCKS: 1950—Con.

Ward	Block	All dwelling units by occupancy and tenure					All dwelling units by condition and plumbing facilities			Occupied dwelling units			Contract monthly rent ¹		Value ² of one-dwelling-unit structures		
		Total	Owner occupied	Renter occupied	Vacant non-seasonal not dilap., for rent or sale	Other vacant and non-resident	Number reporting	No private bath or dilap.	No running water or dilap.	Total	Persons per room		Occupied by non-white	Number reporting	Average monthly rent (dollars)	Number reporting	Average value (dollars)
											Number reporting	1.51 or more					
20	679	8	7			1			7	7							
	680	12	10	2					12	12			1		7	19,642	
	681	29	25	4					29	29			3	75.00	10	18,400	
	682	4	4						4	4					22	22,045	
	683	13	11	1		1			13	12			1		4	18,500	
	684	21	19	2					19	20			1		10	17,370	
	685	34	30	4					32	32			1		19	17,578	
	686	6	6					1	6	6			2		29	17,958	
	687	7	5	2					5	5			1		6	20,500	
	688	18	18						17	17					4	20,250	
	689	32	31	1					32	32			1		6	20,500	
	691	13	13						13	13					4	20,500	
	692	11	11						11	11					4	20,500	
	693	5	5						5	5					4	20,500	
	694	11	11						11	11					4	20,500	
	695	13	12	1					13	12					4	20,500	
	696	4	4					1	4	4		1			4	20,500	
	699	4	3	1					4	4					4	20,500	
	700	10	9	1					10	10			1		3	18,333	
	701	22	22						21	21					9	23,333	
	702	5	5						5	5					21	18,309	
	703	10	7	1	1	1			10	8			1		5	14,560	
	704	22	18	1	3				22	19			1		7	15,285	
	705	6	6						6	6					21	12,723	
	706	15	13	1	1				15	14					6	12,500	
	707	21	18	3					21	21			1		13	11,123	
	708	20	20						20	20			3	58.33	17	11,811	
	709	15	14	1					15	15			1		20	11,940	
															14	9,314	

¹For renter - occupied dwelling units and vacant nonseasonal not dilapidated units, for rent.
²For owner - occupied dwelling units and vacant nonseasonal not dilapidated units, for sale only.

MADISON, WISCONSIN, BY WARDS AND BLOCKS: 1950

PART 1 OF 4 PARTS



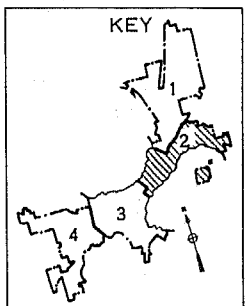
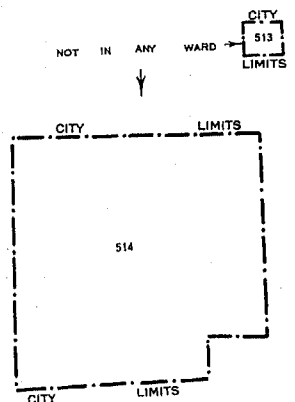
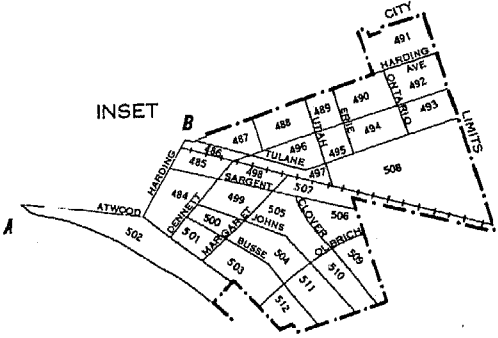
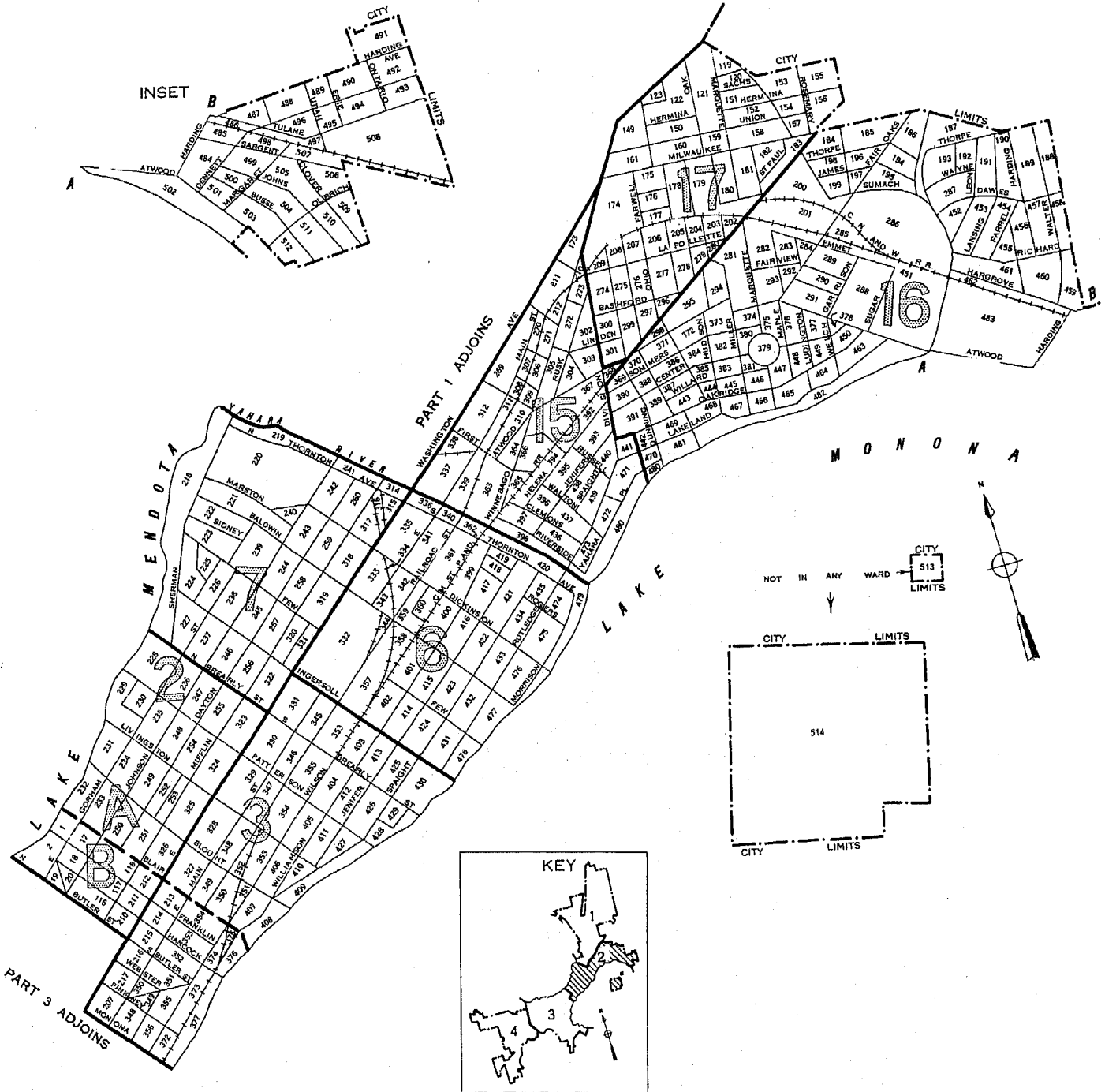
LEGEND

- BLOCK NUMBERS 25
- WARD NUMBERS 2
- WARD BOUNDARIES
- BLOCK AREA LETTERS A
- BLOCK AREA BOUNDARIES
- U.S. DEPARTMENT OF COMMERCE, BUREAU OF THE CENSUS

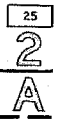
INSET

MADISON, WISCONSIN, BY WARDS AND BLOCKS: 1950

PART 2 OF 4 PARTS



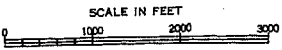
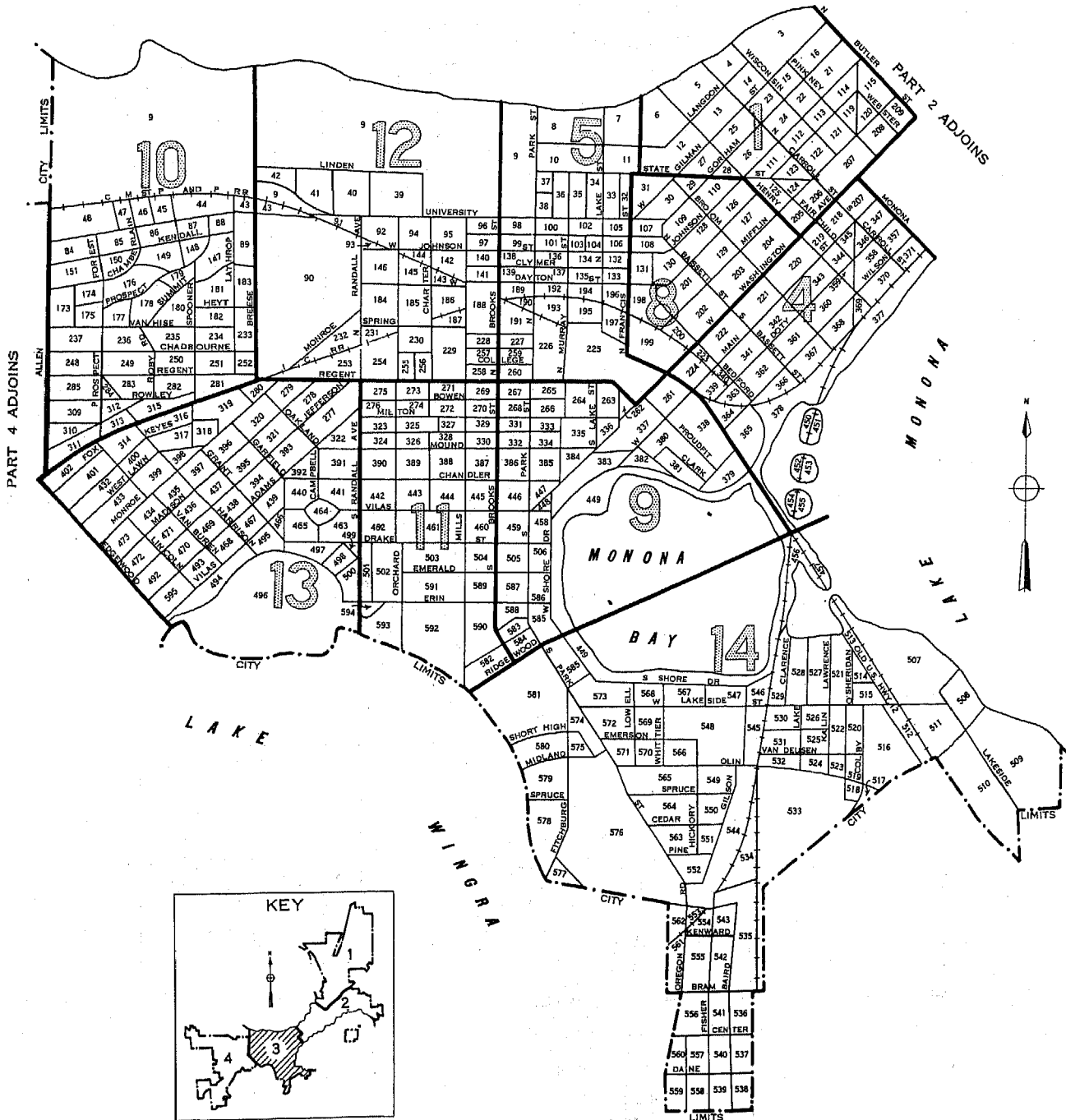
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MADISON, WISCONSIN, BY WARDS AND BLOCKS: 1950
 PART 3 OF 4 PARTS

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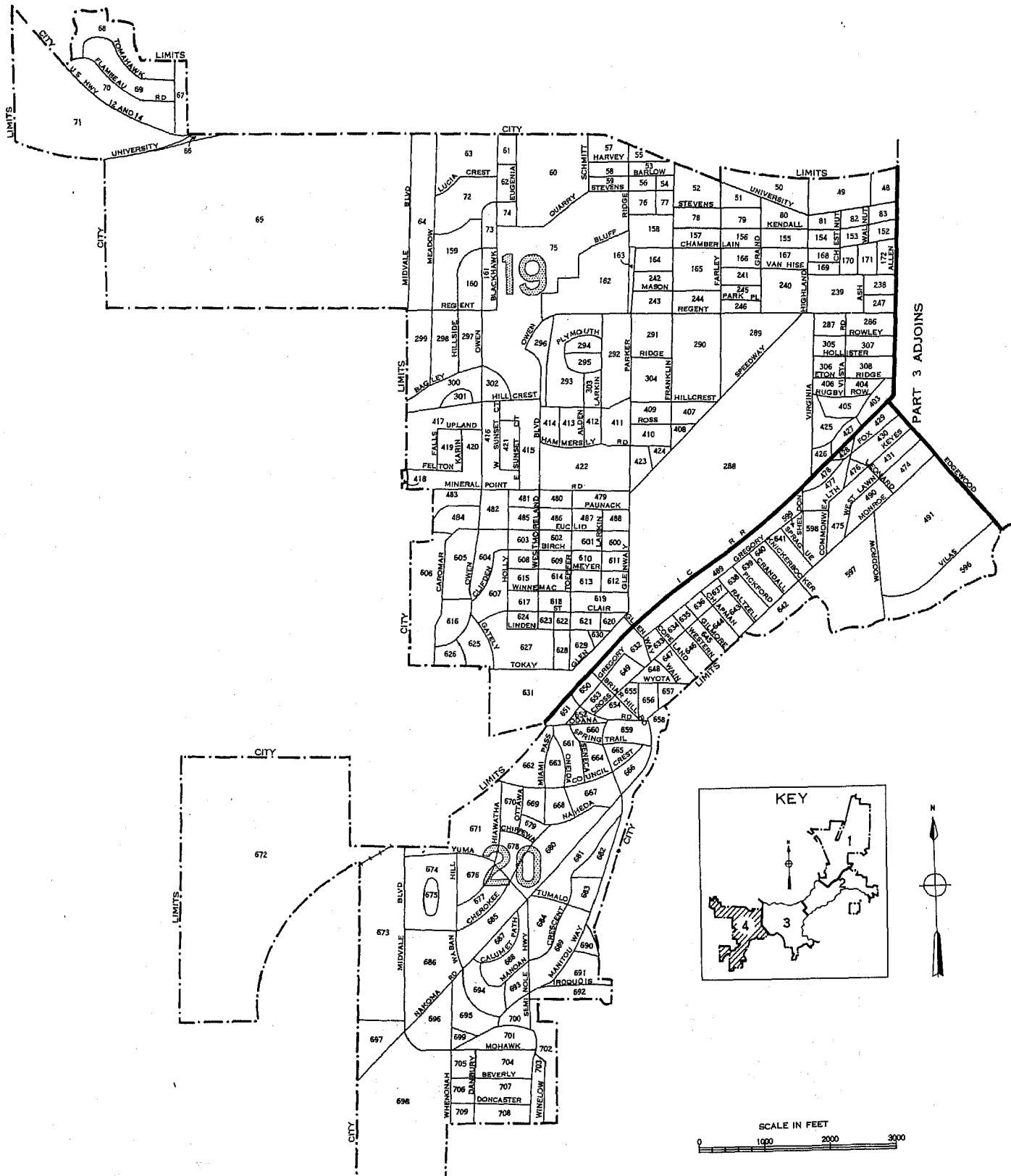
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MADISON, WISCONSIN, BY WARDS AND BLOCKS: 1950

PART 4 OF 4 PARTS

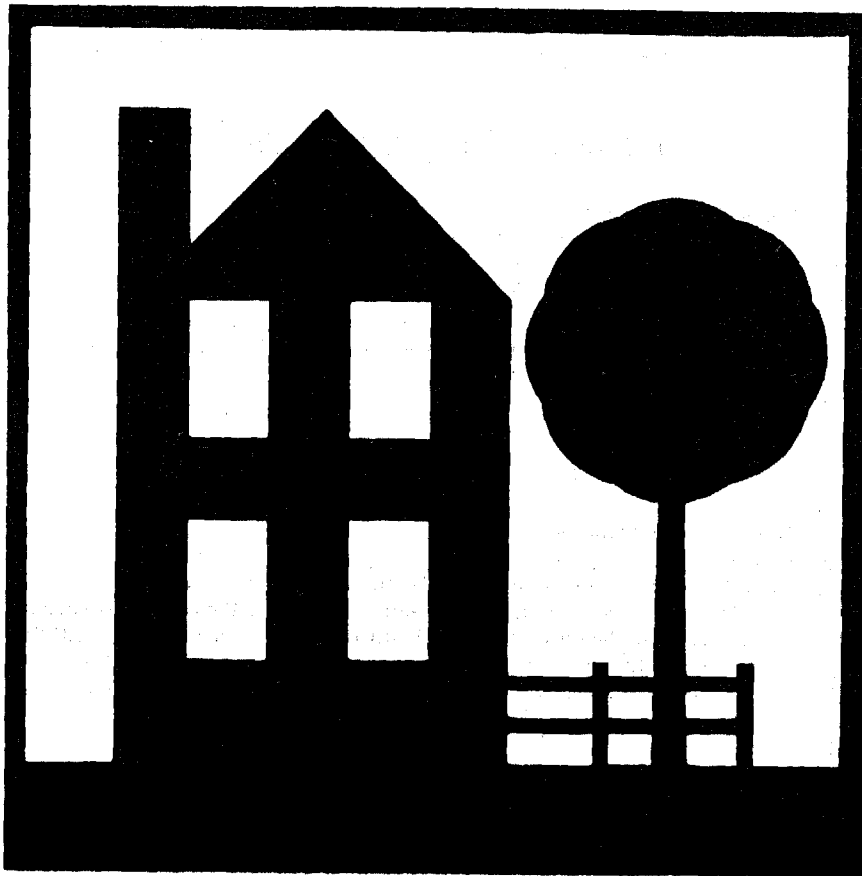


BLOCK NUMBERS
 WARD NUMBERS
 WARD BOUNDARIES
 BLOCK AREA LETTERS
 BLOCK AREA BOUNDARIES
 U.S. DEPARTMENT OF COMMERCE, BUREAU OF THE CENSUS

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1950 UNITED STATES CENSUS OF HOUSING

U. S. DEPARTMENT OF COMMERCE • BUREAU OF THE CENSUS



MALDEN, MASS.

**BLOCK
STATISTICS**

U. S. CENSUS OF HOUSING: 1950

Volume

- I General Characteristics
- II Nonfarm Housing Characteristics
- III Farm Housing Characteristics
- IV Residential Financing
- V Block Statistics

Housing statistics for census tracts are to be included in the Population reports on census tracts.

U. S. CENSUS OF POPULATION: 1950

Volume

- I Number of Inhabitants
- II Characteristics of the Population

Succeeding volumes will cover the following subjects:

Census Tracts, Nativity and Parentage, Nonwhite Population by Race, Persons of Spanish Surname, Institutional Population, Differential Fertility, Labor Force Characteristics, Occupation, Industry, Income, Internal Migration, Education, Characteristics of Families and Households.

UNITED STATES CENSUS of HOUSING : 1950
U. S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS
CHARLES SAWYER, Secretary ROY V. PEEL, Director



BLOCK STATISTICS

**MALDEN
MASSACHUSETTS**

*Prepared under the supervision of
Howard G. Brunsman, Chief
Population and Housing Division*

1950 HOUSING CENSUS REPORT
VOLUME V, PART 106

UNITED STATES GOVERNMENT PRINTING OFFICE 1951

BLOCKS • CENSUS TRACTS



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PREFACE

This report presents statistics on characteristics of dwelling units by blocks for the city. The tabulations are based on data from the 1950 Census of Housing, taken as of April 1, 1950. Authorization for the 1950 Census of Housing as part of the Seventeenth Decennial Census was provided by the Housing Act of 1949, approved July 15, 1949.

The major portion of the information compiled from the 1950 Census of Housing appears in Volume I, *General Characteristics*; Volume II, *Nonfarm Housing Characteristics*; Volume III, *Farm Housing Characteristics*; Volume IV, *Residential Financing*; and Volume V, *Block Statistics*. Volume V consists of separate reports, issued as bulletins for each of the 209 cities which in 1940 or in a subsequent census had a population of 50,000 or more. These reports will not be bound into a single publication.

The subjects covered in both the 1950 and 1940 reports on characteristics of dwelling units by blocks are substantially similar.

This report was prepared under the direction of Howard G. Brunsman, Chief, Population and Housing Division, and Wayne F. Daugherty, Assistant Chief for Housing. Robert C. Hamer, Chief, Quality and Equipment Statistics Section, was in charge of coordinating the content and the format of the report with assistance from Carl A. S. Coan, Chief, Inventory Statistics Section; Floyd D. McNaughton, Chief, Equipment and Facilities Unit; Beulah Washabaugh, Chief, Tenure and Vacancy Unit; and Walter A. Hines. The compilation of the statistics was under the supervision of Robert B. Voight, Assistant Chief for Operations.

The collection of the information on which these statistics are based was under the supervision of Lowell T. Galt, Chief, Field Division. The geographic work, including the assignment of all block numbers and the preparation of maps, was under the supervision of Clarence E. Batschelet, Chief, Geography Division. The data were tabulated under the supervision of C. F. Van Aken, Chief, Machine Tabulation Division.

January 1952.

MALDEN, MASS.

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BLOCK STATISTICS

INTRODUCTION

GENERAL

Volume V of the Reports on Housing consists of a separate report for each of the 209 cities which in 1940, or in a subsequent census prior to 1950, had a population of 50,000 or more. Each report presents for the city, by blocks, tabulations for a limited number of subjects obtained in the Census of Housing. The subjects in these reports are similar to those in the block statistics supplements to Volume I of the reports of the 1940 Census of Housing. The subjects in this report present the number of dwelling units classified by occupancy and tenure, condition and plumbing facilities, persons per room, color of occupants, average contract monthly rent of renter-occupied and selected vacant units, and the average value of one-dwelling-unit owner-occupied and selected vacant structures. In table 1, the statistics for these subjects are summarized for the city. Table 2 contains the statistics for census tracts. In table 3, the data are presented by blocks within census tracts. Maps identifying the location of each block and the census tract boundaries are a part of this report.

Related reports.—Related statistics for this city are contained in the Reports on Housing, Volume I, *General Characteristics*; and in the Reports on Population, Volume I, *Number of Inhabitants*, and Volume II, *Characteristics of the Population*.

The Reports on Housing for each State in Volume I present data on the characteristics of dwelling units for the State by residence (urban, rural nonfarm, and rural farm), for standard metropolitan areas, urbanized areas, counties, for urban places, places of 1,000 to 2,500 inhabitants, and rural-nonfarm and rural-farm dwelling units for each county. Each report includes the following subjects: occupancy, tenure, race of occupants, type of structure, year built, condition and plumbing facilities, water supply, toilet and bathing facilities, number of rooms, number of persons, persons per room, electric lighting, heating equipment, heating and cooking fuels, refrigeration equipment, kitchen sink, radio, television, and, for nonfarm units, the contract monthly rent, gross monthly rent, and value of one-dwelling-unit structures.

Volume I of the Reports on Population shows the 1950 population of each county and of each minor civil division within the county. It also contains figures for each incorporated place, for each unincorporated place with 1,000 or more inhabitants, and for incorporated places of 5,000 or more by wards. A special series of tables presents data for each urbanized area giving the incorporated places and portions of minor civil divisions within it.

Volume II of the 1950 Population Reports contains statistics on the general characteristics of the population. Chapter A of this volume repeats the figures on number of inhabitants as shown in Volume I; Chapter B presents demographic, economic, and social characteristics of the population; and Chapter C gives more detailed cross-classifications for States and large cities and standard metropolitan areas.

Census tracts.—Census tracts are small areas into which certain large cities have been subdivided for statistical and local administrative purposes. In most cases the tracts are permanently established, so that comparison may be made from census to census. The boundaries of tracts are established so as to include approximately equal numbers of inhabitants or equal areas; and each tract is designed to represent an area that is fairly

homogeneous in population characteristics. Although the tracted areas of some cities extend into the suburbs, the data shown in this report are restricted to the tracts within the corporate limits of the city.

Use of data.—The tabulation of housing characteristics for areas as small as city blocks provides descriptive material of considerable value for technical studies of housing in the city. The statistics will be useful in compiling totals for special types of areas that may be defined to meet the requirements of individual investigators. Users of the data should bear in mind that in practically all cases the data for a given block represent the work of only one enumerator. Consequently, housing characteristics for blocks are subject to a wider margin of error than is to be expected in the figures for tracts or wards which represent returns made by a number of enumerators. Misinterpretation of instructions by one enumerator may cause a significant bias in the statistics for a block even though it may have a negligible effect upon the figures for larger areas. In particular, the enumeration of "condition" depended to a considerable extent upon the judgment of the individual enumerator. Also, failure to indicate the correct block number for a significant number of dwelling units may introduce errors into the block data.

Comparability with 1940 Housing Census data.—In the 1940 Census of Housing, reports entitled "Block Statistics" were issued as supplements to the first series of Housing bulletins. These supplements consisted of separate reports for each of the 191 cities which had 50,000 inhabitants or more in 1930.

In the 1950 reports, the block numbers used are different, in most cases, from those used in the 1940 reports. Therefore, to compare 1940 and 1950 data for a given block, it is necessary to locate the block on the maps to obtain the corresponding 1940 and 1950 block numbers.

The subjects in both the 1940 and 1950 reports are substantially similar. However, data on number of structures, year built, and mortgage status have been omitted from the 1950 report. Furthermore, in the 1940 reports average contract or estimated monthly rent was reported for all dwelling units while in 1950 average contract monthly rent is reported for some, and average value for other, dwelling units.

DEFINITIONS AND EXPLANATIONS

More detailed and complete definitions are presented in Volume I of the Housing Reports.

Dwelling unit.—In general, a dwelling unit is a group of rooms or a single room, occupied or intended for occupancy as separate living quarters, by a family or other group of persons living together or by a person living alone.

A group of rooms, occupied or intended for occupancy as separate living quarters, is a dwelling unit if it has separate cooking equipment or a separate entrance. A single room, occupied or intended for occupancy as separate living quarters, is a dwelling unit if it has separate cooking equipment or if it constitutes the only living quarters in the structure. Also, each apartment in a regular apartment house is a dwelling unit even though it may not have separate cooking equipment. Excluded from the dwelling unit count are large rooming houses, institutions, dormitories, and transient hotels and tourists courts.

In the 1940 Census, a dwelling unit was defined as the living quarters occupied or intended for occupancy by one household.

A household consisted of a family or other group of persons living together with common housekeeping arrangements, or a person living entirely alone. However, the enumerator was not explicitly instructed to define rooms as dwelling units on the basis of cooking equipment or separate entrance.

The number of dwelling units in the 1950 Census may be regarded as comparable with the number of dwelling units in the 1940 Census. Some living quarters may have been classified as separate dwelling units in the one census and not in the other. Further, in the 1950 Census, living quarters with five or more lodgers were not tabulated as dwelling units; generally, such quarters were included in the 1940 dwelling unit count. However, the net effect of these changes is probably small.

Occupancy and tenure.—Dwelling units are classified by occupancy and tenure into four groups: owner-occupied; renter-occupied; vacant nonseasonal not dilapidated, for rent or sale; and other vacant and nonresident. A dwelling unit is classified as owner-occupied if it was owned wholly or in part by the head of the household or by some related member of his family living in the dwelling unit. All other occupied units are classified as renter-occupied whether or not cash rent was actually paid for living quarters. Rent-free units and living accommodations received in payment for services performed are thus included with the renter-occupied units.

A dwelling unit is considered vacant if no persons are living in it at the time of enumeration. New units not yet occupied were enumerated as vacant dwelling units if construction had proceeded to the extent that all the exterior windows and doors were installed and final usable floors were in place. The classification "Vacant nonseasonal not dilapidated, for rent or sale" is descriptive of the vacant dwelling units reported in this classification. "Other vacant and nonresident" units include all dilapidated and seasonal vacant units as well as the not dilapidated units which were not for rent or sale.

Because of changes in enumeration procedures, the counts of total vacant units in 1940 and 1950 are not strictly comparable. In 1940, vacant units were enumerated if they were habitable; units uninhabitable and beyond repair were excluded from the enumeration. In 1950, units were included regardless of condition if they were intended for occupancy as living quarters. Therefore, no comparison should be made between the data on "vacant nonseasonal not dilapidated, for rent or sale" units from the 1950 Census and data in the 1940 Census reports.

In both censuses, dwelling units occupied entirely by non-residents were included with vacant units not for rent or sale. Trailers, tents, houseboats, and railroad cars which were vacant were excluded from the dwelling unit inventory in both 1950 and 1940.

Condition and plumbing facilities.—Data on condition of a dwelling unit are shown in combination with data for selected plumbing facilities and are, therefore, limited to units for which both condition and plumbing facilities are reported. Plumbing facilities include water supply, toilet facilities, and bathing facilities.

The category "with private bath" includes those dwelling units reported with both a flush toilet and a bathtub or shower inside the structure for the exclusive use of the occupants of the unit. The category "no private bath" includes those dwelling units not having private flush toilet or not having private bathing facilities. The "no running water" category includes units with only piped running water outside the structure or with only other sources such as a hand pump.

A dwelling unit is "dilapidated" when it is run-down or neglected, or is of inadequate original construction, so that it does not provide adequate shelter or protection against the elements or it endangers the safety of the occupants.

Persons per room.—The number of persons per room has been computed for each occupied dwelling unit by dividing the number

of persons in the dwelling unit by the number of rooms in the dwelling unit. All persons enumerated in the Population Census as members of the household (including lodgers, servants, and other nonrelated persons) are counted in determining the number of persons that occupy the dwelling unit. The number of rooms in the dwelling unit includes all rooms available for living quarters throughout the year. Not counted as rooms are bathrooms, closets, pantries, halls, screened porches, and unfinished rooms in the basement and attic.

Color of occupants.—Occupied dwelling units are classified by color of head of household according to the definition used in the 1950 Census of Population. The group designated as "non-white" consists of Negroes, Indians, Japanese, Chinese, and other nonwhite races. Persons who are not definitely Indian or of other nonwhite race are classified as white.

Contract monthly rent.—Contract monthly rent is the rent, at the time of enumeration, contracted for by the renter regardless of whether it includes furniture, heating fuel, electricity, cooking fuel, water, or personal services.

Monthly rent for vacant dwelling units is the amount asked for the dwelling unit at the time of enumeration. The average monthly rent relates to renter-occupied dwelling units and vacant nonseasonal not dilapidated units for rent. Dwelling units which are occupied "rent-free" are not included with the units reporting rent.

Value of one-dwelling-unit structures.—Average value is shown for owner-occupied dwelling units and vacant nonseasonal not dilapidated units which are for sale only. Value is shown only if the unit is in a one-dwelling-unit structure without business and if it is the only dwelling unit included in the property. The value represents the amount for which the owner estimates that the property, including such land as belongs with it, would sell under ordinary conditions and not at a forced sale. For vacant units, value is the sale price asked by the owner.

Number reporting.—Occupancy and tenure are reported for all dwelling units, and color of occupants is reported for all occupied units. The corresponding distributions for these subjects in table 1 are based on all dwelling units and on occupied units, respectively. For all other subjects, the distributions are based on the units for which the specific characteristics are reported, that is, the "Number reporting."

The number of dwelling units for which the enumerator obtained no report on a particular item is shown for the city totals only; however, the number "not reported" can easily be derived for each area in tables 2 and 3 by subtracting the number reporting from the total number of dwelling units (or total occupied).

Block identification.—A map or series of maps is included in this report showing block numbers for each block, number and letter designations for tracts, and the names of principal streets.

Blocks are identified by serial numbers, a separate series of numbers being used for each tract. Thus, the location of each block for which data are presented in table 3 may be determined by referring to the tract and block number shown on the map. Similarly, data for a specific block may be located in the table by reference to the map for identification numbers of the tract and block.

If no dwelling units are reported for a block, the block number is not listed in table 3, although it is shown on the map. Dwelling units for which the block number was not reported are indicated in the table by the symbol "NR." Detailed data are not shown for such dwelling units, nor for blocks containing fewer than three dwelling units. Average monthly rent is not shown when the monthly rent was reported for fewer than three dwelling units. Average value is not shown when the value of one-dwelling-unit properties was reported for fewer than three dwelling units. All dwelling units are included, however, in the statistics for the city and for each tract.

Table 1.—CHARACTERISTICS OF HOUSING FOR THE CITY: 1950

Subject	Number	Percent	Subject	Number	Percent
OCCUPANCY AND TENURE			PERSONS PER ROOM		
All dwelling units.....	17,028	100.0	Occupied dwelling units.....	16,847	...
Owner occupied.....	7,723	45.4	Number reporting.....	16,671	100.0
Renter occupied.....	9,124	53.6	1.50 or less.....	16,331	98.0
Vacant nonseasonal not dilapidated, for rent or sale.....	83	0.5	1.51 or more.....	340	2.0
Other vacant and nonresident.....	98	0.6	Not reported.....	176	...
CONDITION AND PLUMBING FACILITIES			CONTRACT MONTHLY RENT		
All dwelling units.....	17,028	...	Renter-occupied, and vacant nonseasonal not dilapidated units, for rent—Number reporting.....	8,887	...
Number reporting.....	16,691	100.0	Total contract monthly rent..... dollars.....	347,871	...
With private bath, not dilapidated.....	15,514	92.9	Average monthly rent..... dollars.....	39.14	...
No private bath, with running water, not dilapidated.....	726	4.3	VALUE OF ONE-DWELLING-UNIT STRUCTURES		
No running water or dilapidated.....	451	2.7	Owner-occupied, ¹ and vacant nonseasonal not dilapidated units, for sale only—Number reporting.....	3,769	...
Condition or plumbing facilities not reported.....	337	...	Total value or sale price..... dollars.....	34,476,100	...
No private bath or dilapidated.....	1,177	7.1	Average value..... dollars.....	9,147	...
COLOR OF OCCUPANTS					
Occupied dwelling units.....	16,847	100.0			
White.....	16,670	98.9			
Nonwhite.....	177	1.1			

¹Restricted to 1-dwelling-unit properties.

Table 2.—CHARACTERISTICS OF HOUSING BY CENSUS TRACTS: 1950

Census tract	All dwelling units by occupancy and tenure					All dwelling units by condition and plumbing facilities			Occupied dwelling units			Contract monthly rent ¹		Value ² of one-dwelling-unit structures		
	Total	Owner occupied	Renter occupied	Vacant nonseasonal not dilap., for rent or sale	Other vacant and non-resident	Number reporting	No private bath or dilap.	No running water or dilap.	Total	Persons per room	Occupied by non-white	Number reporting	Average monthly rent (dollars)	Number reporting	Average value (dollars)	
TOTAL	17028	7723	9124	83	98	16691	1177	451	16847	16671	340	177	8887	39.14	3769	9147
MC-62	1363	821	524	3	15	1341	89	54	1345	1334	24	6	512	37.10	545	7790
MC-63	2126	815	1292	6	13	2084	147	91	2107	2085	45	88	570	32.08	284	7556
MC-64	1659	1027	613	11	8	1623	62	14	1640	1624	28	12	592	37.74	643	8257
MC-65	1829	893	920	8	6	1802	77	36	1815	1797	41	5	837	42.47	511	9571
MC-66	1778	669	1069	5	11	1757	125	74	1762	1745	28	32	1060	34.50	221	7704
MC-67	2098	969	1025	19	10	2067	132	21	2069	2054	32	10	1080	42.63	430	9030
MC-68	1490	480	925	10	5	1462	50	8	1475	1456	56	17	994	41.31	177	8390
MC-69	2479	1094	1350	15	20	2378	143	29	2444	2406	46	7	1296	50.32	704	12399
MC-70	2206	939	1231	6	10	2177	152	74	2190	2170	40	40	1196	32.76	254	8204

¹For renter-occupied dwelling units and vacant nonseasonal not dilapidated units, for rent.

²For owner-occupied dwelling units and vacant nonseasonal not dilapidated units, for sale only.

HOUSING—BLOCK STATISTICS

Table 3.—CHARACTERISTICS OF HOUSING FOR CENSUS TRACTS, BY BLOCKS: 1950

(Detailed statistics not shown for blocks containing fewer than 3 dwelling units, nor for dwelling units not allocated by blocks (designated by NR))

Census tract	Block	All dwelling units by occupancy and tenure				All dwelling units by condition and plumbing facilities			Occupied dwelling units			Contract monthly rent ¹		Value ² of one-dwelling-unit structures		
		Total	Owner occupied	Renter occupied	Vacant non-seasonal not dilap., for rent or sale	Other vacant and non-resident	Number reporting	No private bath or dilap.	No running water or dilap.	Total	Persons per room		Number reporting	Average monthly rent (dollars)	Number reporting	Average value (dollars)
											Number reporting	1.51 or more				
MC-62	1	4	1	2		1			3	3	1		2			
	3	30	17	12		28	7	6	29	29	1	4	11	361.8	13	6446
	4	11	7	2		11	6	6	9	7			1		5	4560
	5	5	4			5	1	1	4	4					4	8325
	6	30	29	1		30	3	3	30	30	2	1	1		27	9233
	7	12	8	3	1	12			11	11			3	293.3	5	6500
	8	12	9	3		12	4		12	12			3	413.3	6	7833
	9	17	13	3		17			16	16			3	520.0	13	7538
	10	2														
	11	27	21	5		27	6	5	26	26	3		4	325.0	18	7666
	12	9	6	3		9	1	1	9	8			3	300.0	6	6416
	13	5	2	3		5	1	1	5	5			3	306.6	1	
	14	1														
	15	16	12	4		16	4	2	16	16			4	325.0	10	6400
	19	1														
	20	2														
	21	15	8	7		15	8	6	15	15	4		7	245.7	4	6850
	22	1														
	23	13	12	1		13			13	13					12	6633
	25	10	7	3		10			10	10			3	426.6	6	7433
	27	4	3	1		4	1		4	4	1		1		3	7666
	28	1														
	29	6	4	2		6			6	6			2		2	
	30	3	3			3			3	3					3	8000
	31	1														
	32	15	10	5		15	2		15	15	1		5	470.0	7	925.7
	33	15	12	3		15			15	15			3	556.6	7	8500
	34	10	8	2		10	2		10	10			1		7	7900
	36	12	7	5		12			12	12	1		5	354.0	5	7200
	38	1														
	39	4	3	1		4			4	4			1		2	
	40	1														
	42	14	11	2		13		1	13	13			2		8	6875
	43	2														
	44	8	5	3		7			8	8			3	306.6	1	
	45	5	3	2		5			5	5			1		3	8500
	47	3	3			3			3	3					3	4166
	48	15	12	3		15			15	15	1		3	353.3	9	7844
	50	2														
	51	2														
	52	17	11	6		17			17	17			5	350.0	4	7125
	53	10	4	6		10	1		10	10			6	408.3		
	54	8	4	4		8			8	8			4	387.5		
	55	132	18	114		132	1	1	132	132	1	1	114	398.6	12	6541
	56	55	23	32		55	5		55	55	1		32	370.3	12	8125
	57	36	28	8		36	1	1	36	36	1		8	372.5	23	8586
	58	30	24	6		30	3	3	30	30			6	380.0	21	8142
	59	23	15	8		23			23	23	1		7	378.5	6	8666
	60	52	32	19		52	1		51	51			18	395.5	13	8807
	61	11	9	2		11			11	11			2		9	9500
	62	15	13	2		15			15	15			2		11	8800
	63	18	12	5	1	18	3	1	17	17			5	384.0	8	7875
	64	13	8	5		13	2		13	13			5	404.0	6	8166
	65	4	4			4			4	4			3	306.6		
	69	6	4	1		6	3	2	5	5			1		1	
	70	2														
	71	20	17	3		20			20	20			3	533.3	15	9066
	72	1	3	3		5			6	6			3	366.6	2	
	73	6	3	3		6			6	6			2		11	8363
	74	16	12	4		14	1	1	16	16	1		3		1	
	75	30	23	7		28			30	30			7	4128	16	8812
	76	21	10	11		21	6		21	20	1		11	398.1	6	9800
	77	4	6	2		4			6	6			2		5	9200
	78	4	2	2		4			4	4					1	
	79	28	15	12		28		1	27	27			12	409.1	8	8875
	80	10	3	7		10			10	10			7	338.5		
	81	3	2	1		3			3	3			1		1	
	82	17	9	8		17			17	17			8	442.5		
	83	23	13	10		20			23	23			9	326.6	6	8166
	84	48	23	25		47			48	47	1		25	349.2	4	7500
	85	44	22	22		44			44	42			22	395.9	12	8625
	86	2														
	87	7	4	3		7			7	7			3	300.0	1	
	88	5	3	2		4			5	5			2		3	7166
	89	9	4	5		9	2		9	8	1		5	344.0	2	
	91	15	8	7		15	3	1	15	15			7	317.1	2	
	92	18	6	12		18			18	18			12	340.8	1	
	93	14	7	7		14			14	14			7	360.0	2	
	95	1														
	96	4	4			4			4	4					4	8500
	97	16	13	3		16			16	16			3	343.3	10	6650
	98	17	14	3		17	3		17	17			3	323.3	12	9000
	99	21	17	4		21	1	1	21	21			4	325.0	14	6714
	100	17	13	4		17	1	1	17	17	1		4	350.0	9	7444
	101	22	10	11	1	22	1	1	21	21			12	346.6	3	8000
	102	10	9	1		9			10	10			1		8	8687
	103	17	10	7		16	1	1	17	15			7	350.0	8	7250

¹For renter-occupied dwelling units and vacant nonseasonal not dilapidated units, for rent.
²For owner-occupied dwelling units and vacant nonseasonal not dilapidated units, for sale only.

HOUSING—BLOCK STATISTICS

Table 3.—CHARACTERISTICS OF HOUSING FOR CENSUS TRACTS, BY BLOCKS, 1950—Con.

Table with columns: Census tract, Block, All dwelling units by occupancy and tenure (Total, Owner occupied, Renter occupied, Vacant non-seasonal not dilap., for rent or sale, Other vacant and non-resident), All dwelling units by condition and plumbing facilities (Number reporting, No private bath or dilap., No running water or dilap.), Occupied dwelling units (Total, Persons per room, Occupied by non-white), Contract monthly rent (Number reporting, Average monthly rent (dollars)), and Value* of one-dwelling-unit structures (Number reporting, Average value (dollars)).

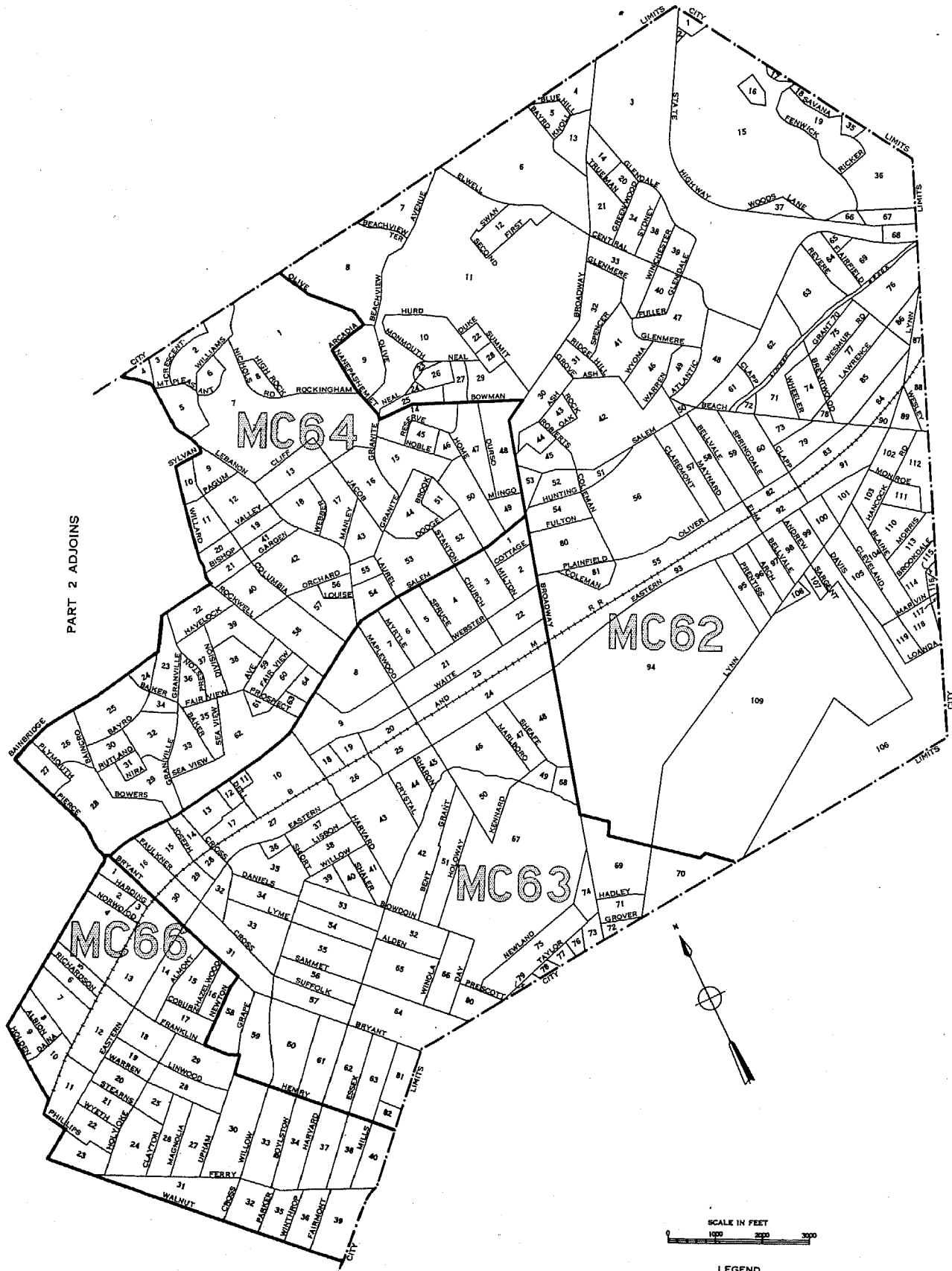
*For renter - occupied dwelling units and vacant nonseasonal not dilapidated units, for rent.
*For owner - occupied dwelling units and vacant nonseasonal not dilapidated units, for sale only.

Table 3.—CHARACTERISTICS OF HOUSING FOR CENSUS TRACTS, BY BLOCKS, 1950—Con.

Census tract	Block	All dwelling units by occupancy and tenure					All dwelling units by condition and plumbing facilities			Occupied dwelling units			Contract monthly rent ¹		Value ² of one-dwelling-unit structures	
		Total	Owner occupied	Renter occupied	Vacant non-seasonal not dilap., for rent or sale	Other vacant and non-resident	Number reporting	No private bath or dilap.	No running water or dilap.	Total	Persons per room		Number reporting	Average monthly rent (dollars)	Number reporting	Average value (dollars)
											Number reporting	1.51 or more				
MC-70	73	33	14	19												
	74	17	10	7					33	33	2	19	25.10	4	6.875	
	75	28	17	11					17	17	1	7	26.71	8	7.375	
	76	3	3						28	28		8	28.25	3	7.666	
	78	3		3					3	3		3	20.00			
									2	2						

MALDEN, MASSACHUSETTS, BY CENSUS TRACTS AND BLOCKS: 1950

PART 1 OF 2 PARTS



BLOCK NUMBERS
TRACT NUMBERS
TRACT BOUNDARIES

LEGEND

25
2

U.S. DEPARTMENT OF COMMERCE, BUREAU OF THE CENSUS

MALDEN, MASSACHUSETTS, BY CENSUS TRACTS AND BLOCKS: 1950

PART 2 OF 2 PARTS



PART 1 ADJOINS

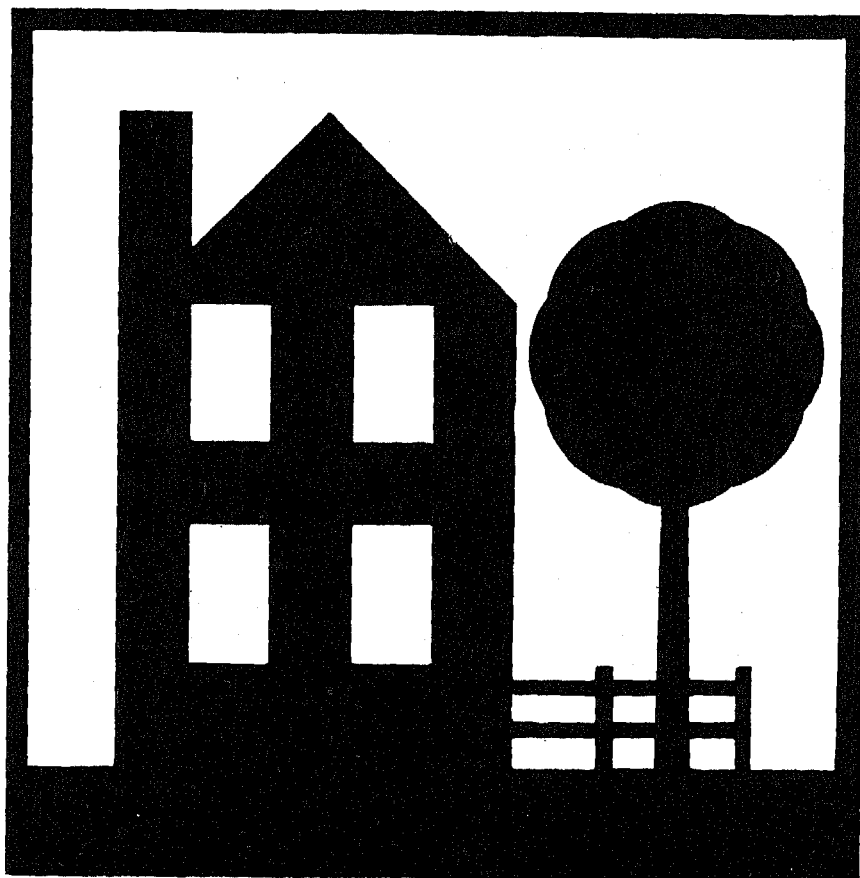
LEGEND

- BLOCK NUMBERS
- TRACT NUMBERS
- TRACT BOUNDARIES

U.S. DEPARTMENT OF COMMERCE, BUREAU OF THE CENSUS

1950 UNITED STATES CENSUS OF HOUSING

U. S. DEPARTMENT OF COMMERCE • BUREAU OF THE CENSUS



MANCHESTER, N. H. **BLOCK**
STATISTICS

U. S. CENSUS OF HOUSING: 1950

Volume

- I General Characteristics
- II Nonfarm Housing Characteristics
- III Farm Housing Characteristics
- IV Residential Financing
- V Block Statistics

Housing statistics for census tracts are to be included in the Population reports on census tracts.

U. S. CENSUS OF POPULATION: 1950

Volume

- I Number of Inhabitants
- II Characteristics of the Population

Succeeding volumes will cover the following subjects:

Census Tracts, Nativity and Parentage, Nonwhite Population by Race, Persons of Spanish Surname, Institutional Population, Differential Fertility, Labor Force Characteristics, Occupation, Industry, Income, Internal Migration, Education, Characteristics of Families and Households.

UNITED STATES CENSUS of HOUSING : 1950
U. S. DEPARTMENT OF COMMERCE
CHARLES SAWYER, Secretary

BUREAU OF THE CENSUS
ROY V. PEEL, Director



BLOCK STATISTICS

MANCHESTER
NEW HAMPSHIRE

Prepared under the supervision of
Howard G. Brunsman, Chief
Population and Housing Division

1950 HOUSING CENSUS REPORT
VOLUME V, PART 107

UNITED STATES GOVERNMENT PRINTING OFFICE 1951

BLOCKS • WARDS



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PREFACE

This report presents statistics on characteristics of dwelling units by blocks for the city. The tabulations are based on data from the 1950 Census of Housing, taken as of April 1, 1950. Authorization for the 1950 Census of Housing as part of the Seventeenth Decennial Census was provided by the Housing Act of 1949, approved July 15, 1949.

The major portion of the information compiled from the 1950 Census of Housing appears in Volume I, *General Characteristics*; Volume II, *Nonfarm Housing Characteristics*; Volume III, *Farm Housing Characteristics*; Volume IV, *Residential Financing*; and Volume V, *Block Statistics*. Volume V consists of separate reports, issued as bulletins for each of the 209 cities which in 1940 or in a subsequent census had a population of 50,000 or more. These reports will not be bound into a single publication.

The subjects covered in both the 1950 and 1940 reports on characteristics of dwelling units by blocks are substantially similar.

This report was prepared under the direction of Howard G. Brunsman, Chief, Population and Housing Division, and Wayne F. Daugherty, Assistant Chief for Housing. Robert C. Hamer, Chief, Quality and Equipment Statistics Section, was in charge of coordinating the content and the format of the report with assistance from Carl A. S. Coan, Chief, Inventory Statistics Section; Floyd D. McNaughton, Chief, Equipment and Facilities Unit; Beulah Washabaugh, Chief, Tenure and Vacancy Unit; and Walter A. Hines. The compilation of the statistics was under the supervision of Robert B. Voight, Assistant Chief for Operations.

The collection of the information on which these statistics are based was under the supervision of Lowell T. Galt, Chief, Field Division. The geographic work, including the assignment of all block numbers and the preparation of maps, was under the supervision of Clarence E. Batschelet, Chief, Geography Division. The data were tabulated under the supervision of C. F. Van Aken, Chief, Machine Tabulation Division.

September 1951.

MANCHESTER, N. H.

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BLOCK STATISTICS

INTRODUCTION

GENERAL

Volume V of the Reports on Housing consists of a separate report for each of the 209 cities which in 1940, or in a subsequent census prior to 1950, had a population of 50,000 or more. Each report presents for the city, by blocks, tabulations for a limited number of subjects obtained in the Census of Housing. The subjects in these reports are similar to those in the block statistics supplements to Volume I of the reports of the 1940 Census of Housing. The subjects in this report present the number of dwelling units classified by occupancy and tenure, condition and plumbing facilities, persons per room, color of occupants, average contract monthly rent of renter-occupied and selected vacant units, and the average value of one-dwelling-unit owner-occupied and selected vacant structures. In table 1, the statistics for these subjects are summarized for the city. Table 2 contains the statistics for wards; these are the only statistics for wards that will be published from the 1950 Census of Housing. In table 3, the data are presented by blocks within wards and block areas. Maps identifying the location of each block and the ward boundaries are a part of this report.

Related reports.—Related statistics for this city are contained in the Reports on Housing, Volume I, *General Characteristics*; and in the Reports on Population, Volume I, *Number of Inhabitants*, and Volume II, *Characteristics of the Population*.

The Reports on Housing for each State in Volume I present data on the characteristics of dwelling units for the State by residence (urban, rural nonfarm, and rural farm), for standard metropolitan areas, urbanized areas, counties, for urban places, places of 1,000 to 2,500 inhabitants, and rural-nonfarm and rural-farm dwelling units for each county. Each report includes the following subjects: occupancy, tenure, race of occupants, type of structure, year built, condition and plumbing facilities, water supply, toilet and bathing facilities, number of rooms, number of persons, persons per room, electric lighting, heating equipment, heating and cooking fuels, refrigeration equipment, kitchen sink, radio, television, and, for nonfarm units, the contract monthly rent, gross monthly rent, and value of one-dwelling-unit structures.

Volume I of the Reports on Population shows the 1950 population of each county and of each minor civil division within the county. It also contains figures for each incorporated place, for each unincorporated place with 1,000 or more inhabitants, and for incorporated places of 5,000 or more by wards. A special series of tables presents data for each urbanized area giving the incorporated places and portions of minor civil divisions within it.

Volume II of the 1950 Population Reports contains statistics on the general characteristics of the population. Chapter A of this volume repeats the figures on number of inhabitants as shown in Volume I; Chapter B presents demographic, economic, and social characteristics of the population; and Chapter C gives more detailed cross-classifications for States and large cities and standard metropolitan areas.

Use of data.—The tabulation of housing characteristics for areas as small as city blocks provides descriptive material of considerable value for technical studies of housing in the city. The statistics will be useful in compiling totals for special types of areas that may be defined to meet the requirements of individual investigators. Users of the data should bear in mind that in

practically all cases the data for a given block represent the work of only one enumerator. Consequently, housing characteristics for blocks are subject to a wider margin of error than is to be expected in the figures for tracts or wards which represent returns made by a number of enumerators. Misinterpretation of instructions by one enumerator may cause a significant bias in the statistics for a block even though it may have a negligible effect upon the figures for larger areas. For example, the enumeration of "condition" depended to a considerable extent upon the judgment of the individual enumerator. Also, failure to indicate the correct block number for a significant number of dwelling units may introduce errors into the block data.

Comparability with 1940 Housing Census data.—In the 1940 Census of Housing, reports entitled "Block Statistics" were issued as supplements to the first series of Housing bulletins. These supplements consisted of separate reports for each of the 191 cities which had 50,000 inhabitants or more in 1930.

In the 1950 reports, the block numbers used are different, in most cases, from those used in the 1940 reports. Therefore, to compare 1940 and 1950 data for a given block, it is necessary to locate the block on the maps to obtain the corresponding 1940 and 1950 block numbers.

The subjects in both the 1940 and 1950 reports are substantially similar. However, data on number of structures, year built, and mortgage status have been omitted from the 1950 report. Furthermore, in the 1940 reports average contract or estimated monthly rent was reported for all dwelling units while in 1950 average contract monthly rent is reported for some, and average value for other, dwelling units.

DEFINITIONS AND EXPLANATIONS

More detailed and complete definitions are presented in Volume I of the Housing Reports.

Dwelling unit.—In general, a dwelling unit is a group of rooms or a single room, occupied or intended for occupancy as separate living quarters, by a family or other group of persons living together or by a person living alone.

A group of rooms, occupied or intended for occupancy as separate living quarters, is a dwelling unit if it has separate cooking equipment or a separate entrance. A single room, occupied or intended for occupancy as separate living quarters, is a dwelling unit if it has separate cooking equipment or if it constitutes the only living quarters in the structure. Also, each apartment in a regular apartment house is a dwelling unit even though it may not have separate cooking equipment. Excluded from the dwelling unit count are large rooming houses, institutions, dormitories, and transient hotels and tourist courts.

In the 1940 Census, a dwelling unit was defined as the living quarters occupied or intended for occupancy by one household. A household consisted of a family or other group of persons living together with common housekeeping arrangements, or a person living entirely alone. However, the enumerator was not explicitly instructed to define rooms as dwelling units on the basis of cooking equipment or separate entrance.

The number of dwelling units in the 1950 Census may be regarded as comparable with the number of dwelling units in the 1940 Census. Some living quarters may have been classified as separate dwelling units in the one census and not in the other. Further, in the 1950 Census, living quarters with five or more

lodgers were not tabulated as dwelling units; generally, such quarters were included in the 1940 dwelling unit count. However, the net effect of these changes is probably small.

Occupancy and tenure.—Dwelling units are classified by occupancy and tenure into four groups: owner-occupied; renter-occupied; vacant nonseasonal not dilapidated, for rent or sale; and other vacant and nonresident. A dwelling unit is classified as owner-occupied if it was owned wholly or in part by the head of the household or by some related member of his family living in the dwelling unit. All other occupied units are classified as renter-occupied whether or not cash rent was actually paid for living quarters. Rent-free units and living accommodations received in payment for services performed are thus included with the renter-occupied units.

A dwelling unit is considered vacant if no persons are living in it at the time of enumeration. New units not yet occupied were enumerated as vacant dwelling units if construction had proceeded to the extent that all the exterior windows and doors were installed and final usable floors were in place. The classification "Vacant nonseasonal not dilapidated, for rent or sale" is descriptive of the vacant dwelling units reported in this classification. "Other vacant and nonresident" units include all dilapidated and seasonal vacant units as well as the not dilapidated units which were not for rent or sale.

Because of changes in enumeration procedures, the counts of total vacant units in 1940 and 1950 are not strictly comparable. In 1940, vacant units were enumerated if they were habitable; units uninhabitable and beyond repair were excluded from the enumeration. In 1950, units were included regardless of condition if they were intended for occupancy as living quarters. Therefore, no comparison should be made between the data on "vacant nonseasonal not dilapidated, for rent or sale" units from the 1950 Census and data in the 1940 Census reports.

In both censuses, dwelling units occupied entirely by non-residents were included with vacant units not for rent or sale. Trailers, tents, houseboats, and railroad cars which were vacant were excluded from the dwelling unit inventory in both 1950 and 1940.

Condition and plumbing facilities.—Data on condition of a dwelling unit are shown in combination with data for selected plumbing facilities and are, therefore, limited to units for which both condition and plumbing facilities are reported. Plumbing facilities include water supply, toilet facilities, and bathing facilities.

The category "with private bath" includes those dwelling units reported with both a flush toilet and a bathtub or shower inside the structure for the exclusive use of the occupants of the unit. The category "no private bath" includes those dwelling units not having private flush toilet or not having private bathing facilities. The "no running water" category includes units with only piped running water outside the structure or with only other sources such as a hand pump.

A dwelling unit is "dilapidated" when it is run-down or neglected, or is of inadequate original construction, so that it does not provide adequate shelter or protection against the elements or it endangers the safety of the occupants.

Persons per room.—The number of persons per room has been computed for each occupied dwelling unit by dividing the number of persons in the dwelling unit by the number of rooms in the dwelling unit. All persons enumerated in the Population Census as members of the household (including lodgers, servants, and other nonrelated persons) are counted in determining the number of persons that occupy the dwelling unit. The number of rooms in the dwelling unit includes all rooms available for living quarters throughout the year. Not counted as rooms are bath-rooms, closets, pantries, halls, screened porches, and unfinished rooms in the basement and attic.

Color of occupants.—Occupied dwelling units are classified by color of head of household according to the definition used in the

1950 Census of Population. The group designated as "nonwhite" consists of Negroes, Indians, Japanese, Chinese, and other non-white races. Persons who are not definitely Indian or of other nonwhite race are classified as white.

Contract monthly rent.—Contract monthly rent is the rent, at the time of enumeration, contracted for by the renter regardless of whether it includes furniture, heating fuel, electricity, cooking fuel, water, or personal services.

Monthly rent for vacant dwelling units is the amount asked for the dwelling unit at the time of enumeration. The average monthly rent relates to renter-occupied dwelling units and vacant nonseasonal not dilapidated units for rent. Dwelling units which are occupied "rent-free" are not included with the units reporting rent.

Value of one-dwelling-unit structures.—Average value is shown for owner-occupied dwelling units and vacant nonseasonal not dilapidated units which are for sale only. Value is shown only if the unit is in a one-dwelling-unit structure without business and if it is the only dwelling unit included in the property. The value represents the amount for which the owner estimates that the property, including such land as belongs with it, would sell under ordinary conditions and not at a forced sale. For vacant units, value is the sale price asked by the owner.

Number reporting.—Occupancy and tenure are reported for all dwelling units, and color of occupants is reported for all occupied units. The corresponding distributions for these subjects in table 1 are based on all dwelling units and on occupied units, respectively. For all other subjects, the distributions are based on the units for which the specific characteristics are reported, that is, the "Number reporting."

The number of dwelling units for which the enumerator obtained no report on a particular item is shown for the city totals only; however, the number "not reported" can easily be derived for each area in tables 2 and 3 by subtracting the number reporting from the total number of dwelling units (or total occupied).

Block identification.—A map or series of maps is included in this report showing block numbers for each block, number and letter designations for wards and block areas, and the names of principal streets.

Blocks are identified by serial numbers, a separate series of numbers being used for each ward or for a group of wards. Thus, the location of each block for which data are presented in table 3 may be determined by referring to the ward and block number shown on the map. Similarly, data for a specific block may be located in the table by reference to the map for the identification numbers of the ward and block.

In some cities "block areas" have been established to facilitate the numbering of blocks in groups of less than 1,000. This may cause a break in the sequence of block numbers within a ward. Where this occurs each part of the ward that is in a separate block area is distinguished on the map, and in the table the data are shown for blocks in numerical order within each block area section of the ward. When a boundary of a ward cuts through a block separating the block into segments, the statistics for each segment are tabulated in the ward in which it is physically located on the map. In such cases, to obtain the statistics for the entire block it is necessary to add the statistics for all segments.

If no dwelling units are reported for a block, the block number is not listed in table 3, although it is shown on the map. Dwelling units for which the block number was not reported are indicated in the table by the symbol "NR." Detailed data are not shown for such dwelling units, nor for blocks containing fewer than three dwelling units. Average monthly rent is not shown when the monthly rent was reported for fewer than three dwelling units. Average value is not shown when the value of one-dwelling-unit properties was reported for fewer than three dwelling units. All dwelling units are included, however, in the statistics for the city and for each ward.

Table 1.—CHARACTERISTICS OF HOUSING FOR THE CITY: 1950

Subject	Number	Percent	Subject	Number	Percent
OCCUPANCY AND TENURE			PERSONS PER ROOM		
All dwelling units.....	25,547	100.0	Occupied dwelling units.....	24,703	...
Owner occupied.....	9,979	39.1	Number reporting.....	24,548	100.0
Renter occupied.....	14,724	57.6	1.50 or less.....	24,121	93.3
Vacant nonseasonal not dilapidated, for rent or sale.....	358	1.4	1.51 or more.....	427	1.7
Other vacant and nonresident.....	486	1.9	Not reported.....	155	...
CONDITION AND PLUMBING FACILITIES			CONTRACT MONTHLY RENT		
All dwelling units.....	25,547	...	Renter-occupied, and vacant nonseasonal not dilapidated units, for rent—Number reporting.....	14,442	...
Number reporting.....	25,115	100.0	Total contract monthly rent..... dollars.....	396,252	...
With private bath, not dilapidated.....	22,421	89.3	Average monthly rent..... dollars.....	27.44	...
No private bath, with running water, not dilapidated.....	1,562	6.2	VALUE OF ONE-DWELLING-UNIT STRUCTURES		
No running water or dilapidated.....	1,132	4.5	Owner-occupied, ¹ and vacant nonseasonal not dilapidated units, for sale only—Number reporting.....	5,768	...
Condition or plumbing facilities not reported.....	432	...	Total value or sale price..... dollars.....	49,784,000	...
No private bath or dilapidated.....	2,694	10.7	Average value..... dollars.....	6,631	...
COLOR OF OCCUPANTS					
Occupied dwelling units.....	24,703	100.0			
White.....	24,621	99.7			
Nonwhite.....	82	0.3			

¹Restricted to 1-dwelling-unit properties.

Table 2.—CHARACTERISTICS OF HOUSING BY WARDS: 1950

Ward	All dwelling units by occupancy and tenure					All dwelling units by condition and plumbing facilities			Occupied dwelling units			Contract monthly rent ¹		Value ² of one-dwelling-unit structures		
	Total	Owner occupied	Renter occupied	Vacant nonseasonal not dilap., for rent or sale	Other vacant and nonresident	Number reporting	No private bath or dilap.	No running water or dilap.	Total	Persons per room		Number reporting	Average monthly rent (dollars)	Number reporting	Average value (dollars)	
										Number reporting	1.51 or more					Occupied by nonwhite
TOTAL	25547	9979	14724	358	486	25115	2694	1132	24703	24548	427	82	14442	2744	5768	8631
1	1681	1110	412	62	97	1657	103	34	1522	1512	16	1	376	41.17	897	12670
2	2382	1061	1216	62	43	2360	151	39	2277	2257	25	4	1208	37.95	649	10321
3	1902	563	1291	28	20	1868	96	42	1854	1845	23	39	1272	33.56	238	8773
4	1759	511	1195	19	34	1746	105	56	1706	1685	18	1	1182	34.03	218	10225
5	2549	249	2235	18	47	2468	138	430	2484	2475	95	22	204	20.09	49	6216
6	2613	1293	1218	38	64	2588	138	51	2511	2502	30	2	204	31.12	816	6976
7	1791	570	1194	13	14	1750	153	74	1764	1746	34	1	162	21.95	234	7332
8	2110	1235	821	18	36	2088	129	65	2056	2047	35	1	162	28.87	845	7784
9	907	32	834	18	23	893	169	36	866	862	8	1	39	24.17	642	8069
10	1583	947	606	8	22	1541	37	13	1553	1540	21	1	575	26.30	642	8069
11	1507	368	1103	16	20	1460	108	28	1471	1463	23	1	1080	19.70	74	5921
12	1447	410	1008	19	10	1413	232	148	1418	1409	48	10	996	20.46	123	6271
13	1876	695	1160	10	11	1863	55	20	1855	1849	22	1	1153	28.75	260	9054
14	1440	935	431	29	45	1420	180	96	1366	1356	29	1	396	29.20	723	6040

¹For renter-occupied dwelling units and vacant nonseasonal not dilapidated units, for rent.

²For owner-occupied dwelling units and vacant nonseasonal not dilapidated units, for sale only.

Table 3.—CHARACTERISTICS OF HOUSING FOR WARDS, BY BLOCKS: 1950—Con.

Table with 17 columns: Ward, Block, Total, Owner occupied, Renter occupied, Vacant non-seasonal not dilap., for rent or sale, Other vacant and non-resident, Number reporting, No private bath or dilap., No running water or dilap., Total, Persons per room (Number reporting, 1.51 or more, Occupied by non-white), Contract monthly rent (Number reporting, Average monthly rent (dollars)), Value of one-dwelling-unit structures (Number reporting, Average value (dollars)).

For renter - occupied dwelling units and vacant nonseasonal not dilapidated units, for rent.
For owner - occupied dwelling units and vacant nonseasonal not dilapidated units, for sale only.

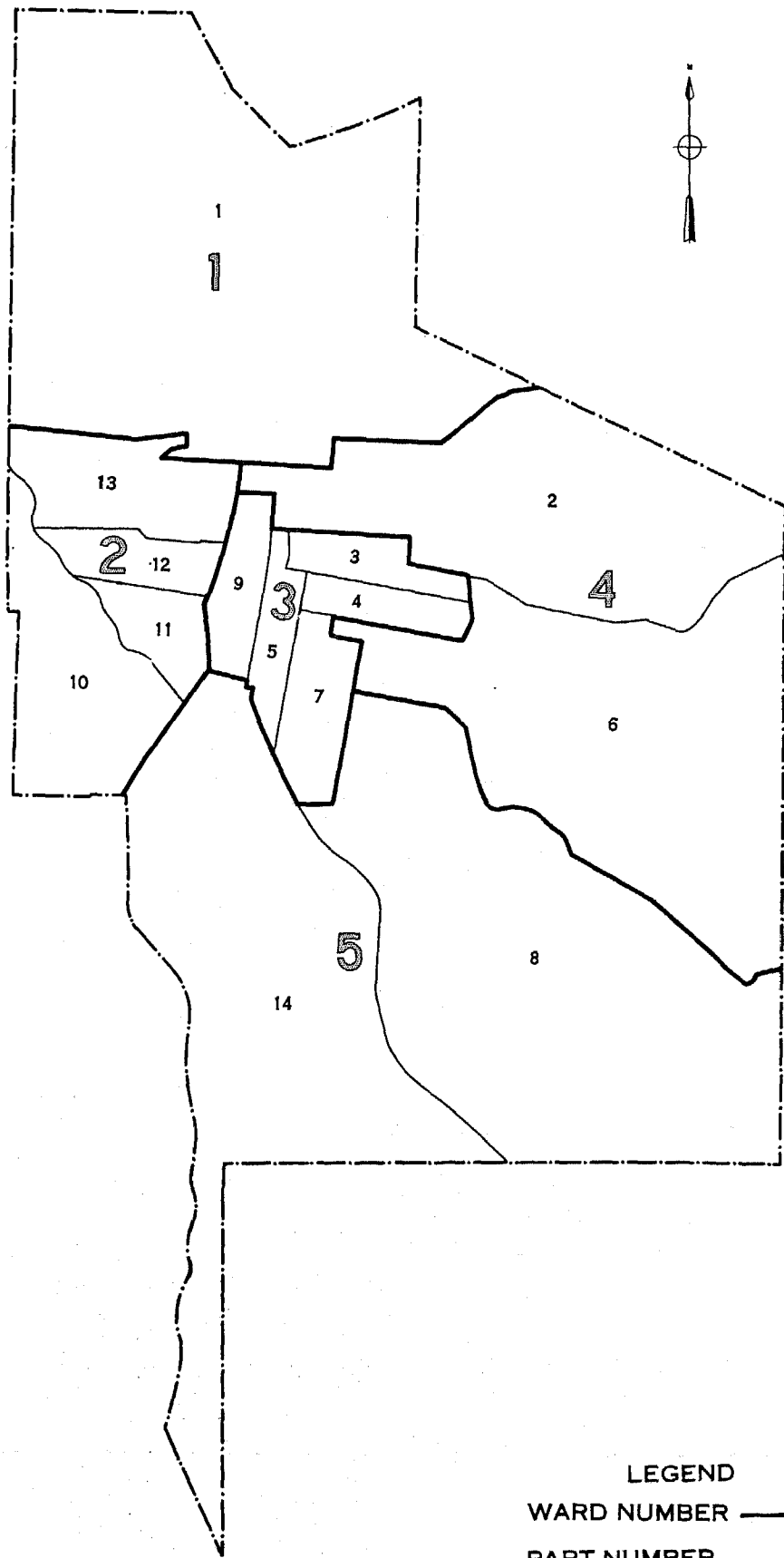
HOUSING—BLOCK STATISTICS

Table 3.—CHARACTERISTICS OF HOUSING FOR WARDS, BY BLOCKS: 1950—Con.

Ward	Block	All dwelling units by occupancy and tenure					All dwelling units by condition and plumbing facilities			Occupied dwelling units			Contract monthly rent ¹		Value ² of one-dwelling-unit structures		
		Total	Owner occupied	Renter occupied	Vacant non-seasonal not dilap., for rent or sale	Other vacant and non-resident	Number reporting	No private bath or dilap.	No running water or dilap.	Total	Persons per room		Occupied by non-white	Number reporting	Average monthly rent (dollars)	Number reporting	Average value (dollars)
											Number reporting	1.51 or more					
14	667	5	3	2		5			5	5			2		3	6833	
	668	1															
	669	28	22	5		1	28	2	27	27	1		4	2450	21	7004	
	671	4	3	1			3		4	4			1		1		
	673	20	12	1		7	18	6	13	12			1		10	5780	

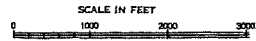
¹For renter - occupied dwelling units and vacant nonseasonal not dilapidated units, for rent.²For owner - occupied dwelling units and vacant nonseasonal not dilapidated units, for sale only.

MANCHESTER, NEW HAMPSHIRE, BY WARDS:1950
KEY MAP








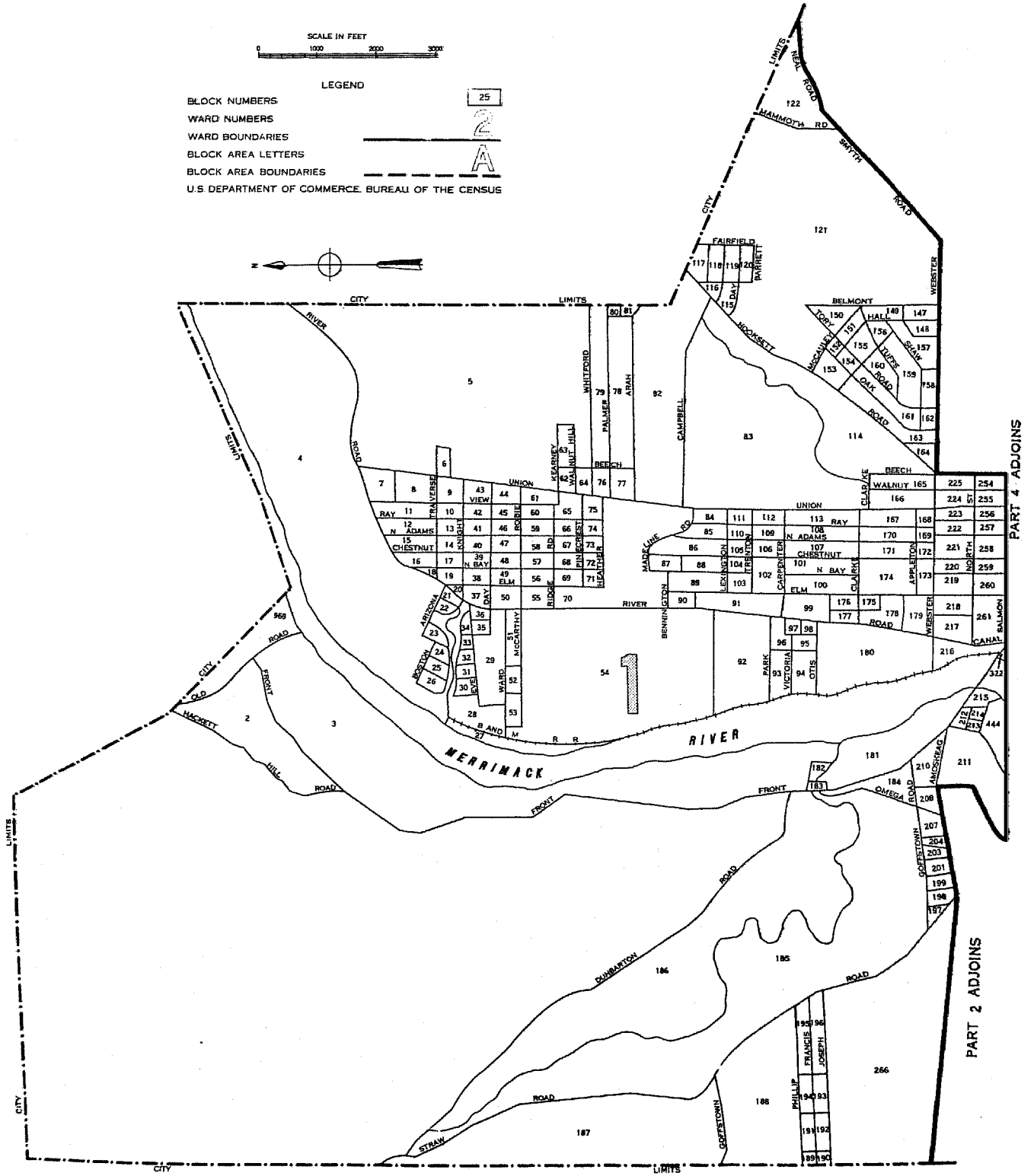
MANCHESTER, NEW HAMPSHIRE, BY WARDS AND BLOCKS: 1950

PART 1 OF 5 PARTS



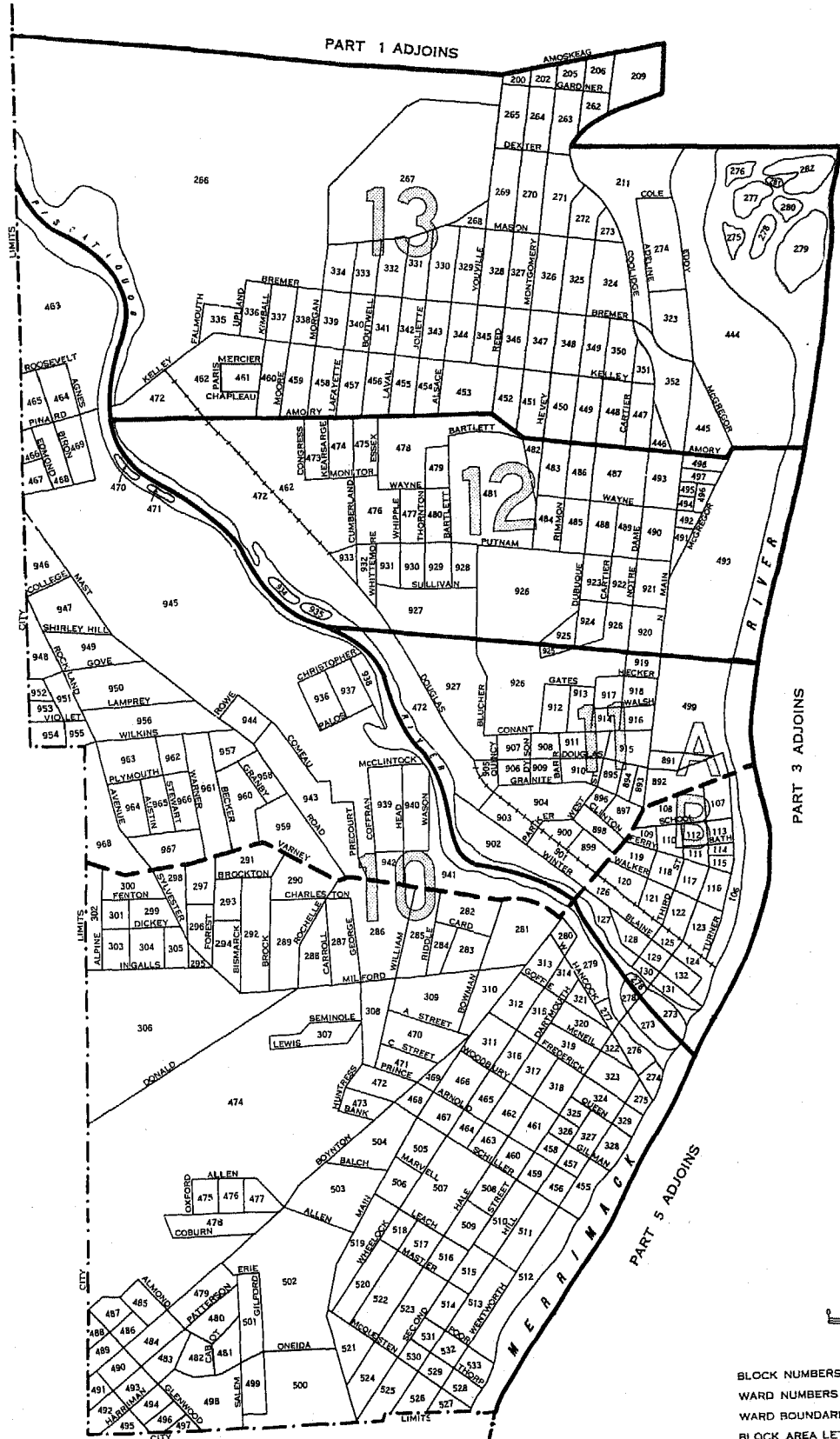
LEGEND

- BLOCK NUMBERS 
- WARD NUMBERS 
- WARD BOUNDARIES 
- BLOCK AREA LETTERS 
- BLOCK AREA BOUNDARIES 
- U.S. DEPARTMENT OF COMMERCE, BUREAU OF THE CENSUS



MANCHESTER, NEW HAMPSHIRE, BY WARDS AND BLOCKS: 1950

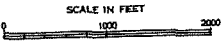
PART 2 OF 5 PARTS



PART 4 ADJOINS

PART 3 ADJOINS

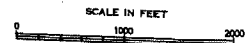
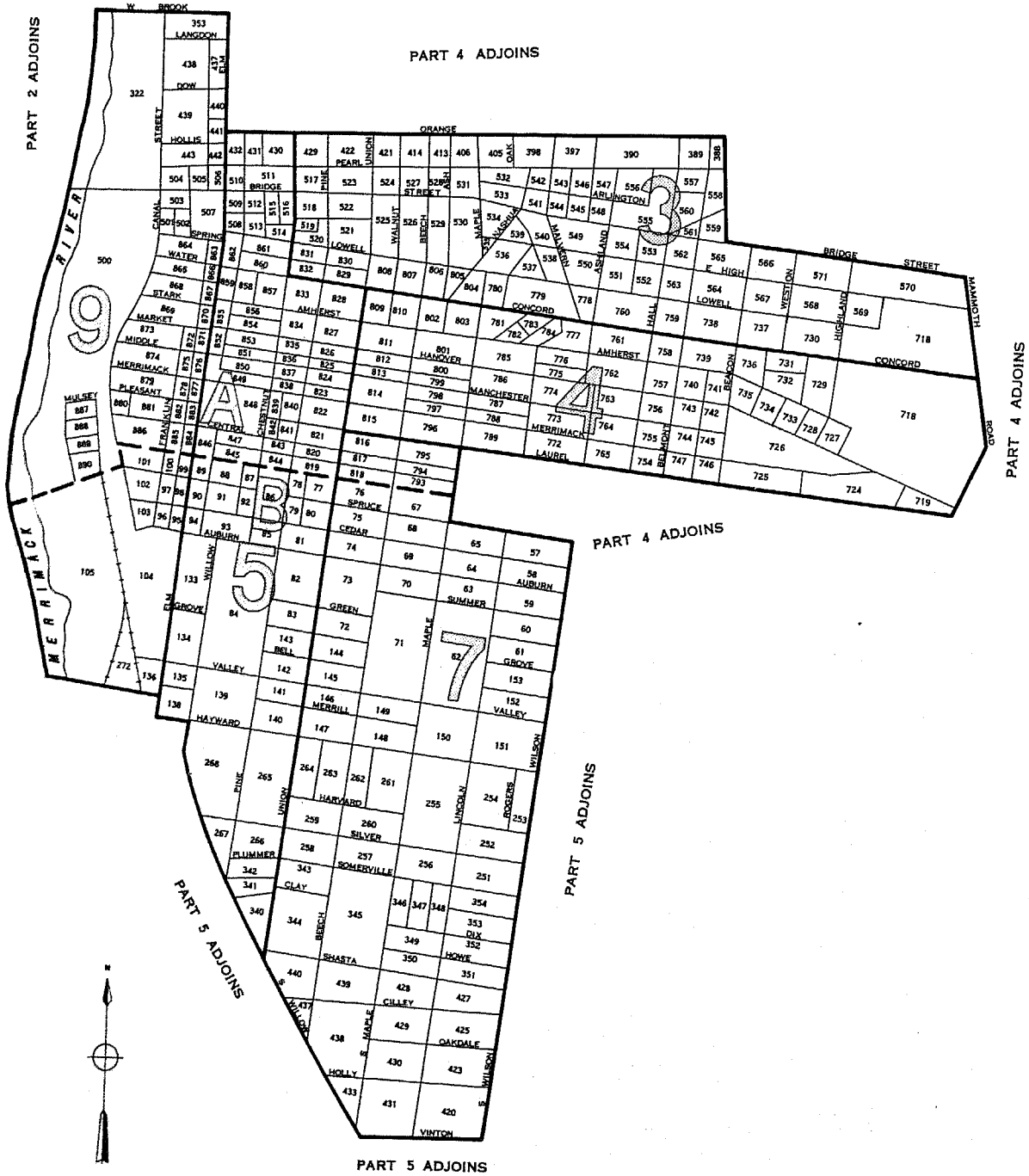
PART 5 ADJOINS



- LEGEND
- BLOCK NUMBERS
 - WARD NUMBERS
 - WARD BOUNDARIES
 - BLOCK AREA LETTERS
 - BLOCK AREA BOUNDARIES
 - U.S. DEPARTMENT OF COMMERCE, BUREAU OF THE CENSUS

MANCHESTER, NEW HAMPSHIRE, BY WARDS AND BLOCKS: 1950

PART 3 OF 5 PARTS



LEGEND

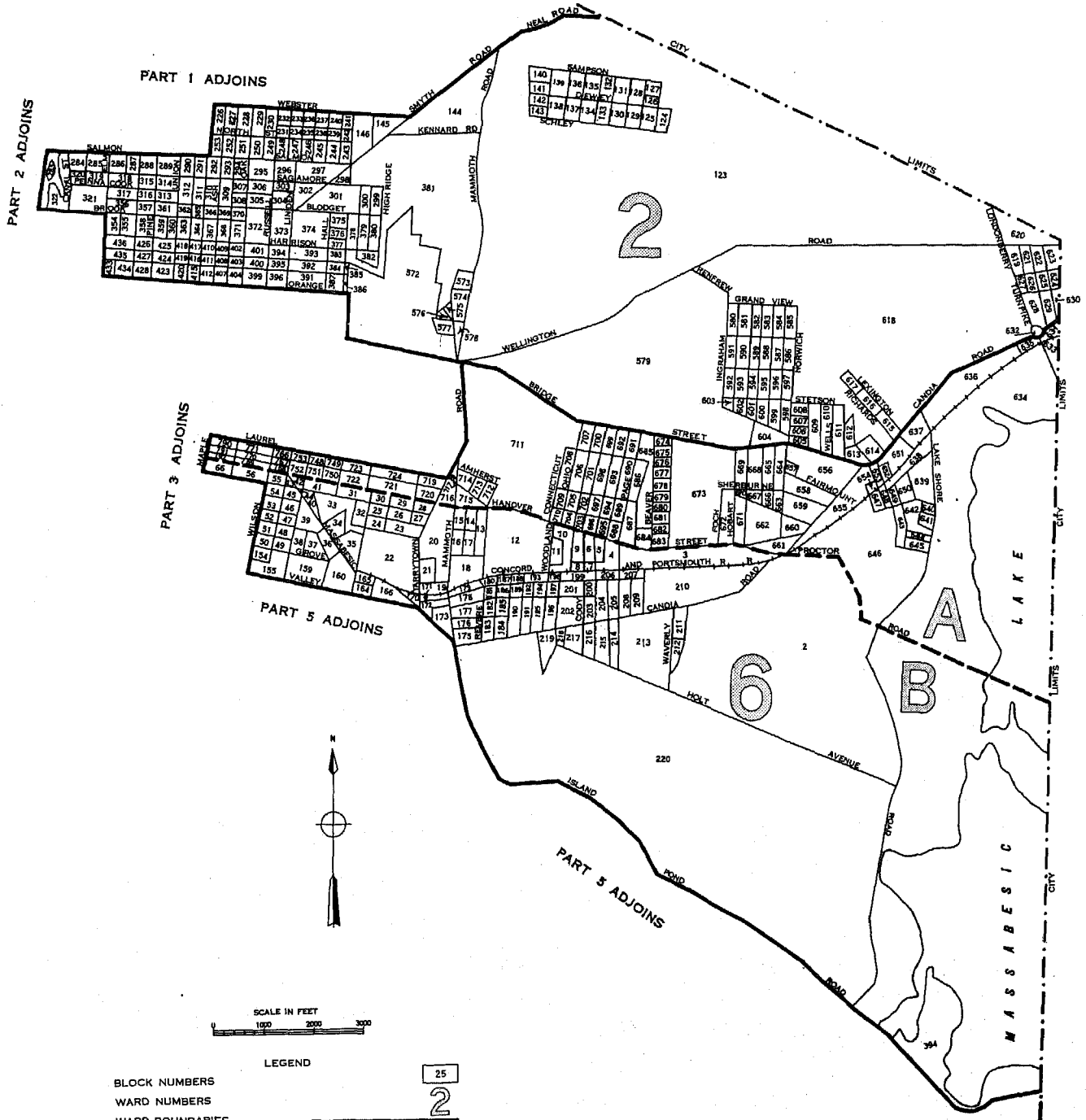
- BLOCK NUMBERS
- WARD NUMBERS
- WARD BOUNDARIES
- BLOCK AREA LETTERS
- BLOCK AREA BOUNDARIES

U.S. DEPARTMENT OF COMMERCE, BUREAU OF THE CENSUS

25
2
A

MANCHESTER, NEW HAMPSHIRE, BY WARDS AND BLOCKS: 1950

PART 4 OF 5 PARTS



BLOCK NUMBERS 25
 WARD NUMBERS 2
 WARD BOUNDARIES
 BLOCK AREA LETTERS A
 BLOCK AREA BOUNDARIES
 U.S. DEPARTMENT OF COMMERCE, BUREAU OF THE CENSUS

MANCHESTER, NEW HAMPSHIRE, BY WARDS AND BLOCKS: 1950

PART 5 OF 5 PARTS

