

1950 CENSUS OF HOUSING

SPECIAL TABULATIONS FOR LOCAL HOUSING AUTHORITIES

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This report is based on a transcription and tabulation of data from the 1950 Census of Population and Housing. The statistics relate to dwelling units considered substandard by the Public Housing Administration, in accordance with the contract for these statistics between the Bureau of the Census and the Richmond Redevelopment and Housing Authority.

A dwelling unit is considered substandard by the Public Housing Administration if it is either dilapidated or does not have the following plumbing facilities: flush toilet and bath inside the structure for the unit's exclusive use, and hot running water. The Public Housing Administration considers the absence of hot running water to be evidence generally of poor quality of the dwelling unit, but there may be some localities in which the absence of hot running water is not deemed to be a sufficient indication by itself of poor quality. In such localities, a revised count of substandard units may be obtained from table 1 by subtracting from the total the units which lack hot water only. If it is desired to eliminate the units lacking hot water only from the total count of substandard units, the distributions shown in the tables will not be materially affected.

The criteria used to define substandard units in these tabulations are not identical with the housing characteristics included in the published reports from the 1940 Census. Therefore, any comparison of data in this report with the 1940 results must be made with extreme care. A direct comparison cannot be made with the 1940 results because information on hot running water was not collected at that time. Further, the 1940 data on condition were collected showing dwelling units "needing major repairs," whereas

in 1950 data on condition were collected showing units as "dilapidated." Because the definitions of these two terms differ significantly, the 1940 count of dwelling units needing major repairs and the 1950 count of dilapidated dwelling units are comparable only in a general way.

The data are presented in the series of attached tables. In table 1 the structural and occupancy characteristics are shown for all substandard dwelling units. Table 2 shows the rent paid for renter-occupied substandard units; table 3 shows the condition and plumbing facilities of these same units. Table 4 shows the characteristics of all families (both primary and secondary) living in the substandard units. Table 4a classifies the primary families by family income. Table 5 classifies primary families with no subfamily or secondary family present, by rent as a percent of family income.

In the contract rent tabulation, dwelling units occupied rent-free are tabulated in the "\$9 or less" category. In the gross rent tabulations, however, such units are tabulated as "not reporting," except when utilities were reported.

DEFINITIONS

The definitions used in this special tabulation are generally the same as those used in the 1950 Census of Population and Housing. Some of the more important definitions are given below.

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.

Primary family.--A primary family consists of two or more persons including the head of the household and all (one or more) persons in the household who are related to the head by blood, marriage, or adoption. It may include a subfamily consisting of a married couple with or without children, or one parent with one or more children under 18 years of age, living in the household and related to but not including the head of the household or his wife. The subfamily is considered a part of the primary family for all tabulation purposes.

Secondary family.--A secondary family consists of two or more persons, such as a lodger or servant and his relatives, living in a household and related to each other but not related to the household head. The secondary family is considered a separate family for tabulation purposes.

Minor.--A minor is an unmarried person under 21 years of age other than the head of a family or his wife.

Dilapidation.--A dwelling unit is considered to be dilapidated when it has serious deficiencies, is rundown 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.

Plumbing facilities.--The following are the three plumbing facilities tabulated:

1. Flush toilet inside the structure for the unit's exclusive use;
2. Installed bathtub or shower inside the structure for the unit's exclusive use; and
3. Hot and cold running water inside the structure.

Exclusive use.--Equipment is for "exclusive use" if it is used only by the occupants of one dwelling unit.

Shared.--Equipment is "shared" when occupants of two or more units use the same equipment.

Family income.--Family income is the sum of the income received during 1949, by all members of the family. The following items were asked separately for the head of the family and for all other members of the family combined:

1. The amount of money wages or salary received in 1949;
2. The amount of net money income received from self-employment in 1949; and
3. The amount of other money income received in 1949, such as interest, dividends, veterans' allowances, pensions, or rents.

Gross rent.--Monthly gross rent is contract rent plus the reported average monthly cost of

water, electricity, gas, and other fuel paid for by the renter. If furniture is included in the contract rent, the reported estimated rent of the dwelling unit without furniture is used for the computation instead of the contract rent.

SOURCE AND RELIABILITY OF THE DATA

The figures shown in this report are based on the transcribed data for about one-tenth of the occupied substandard dwelling units. As part of the 1950 Census, family income data were obtained from about one-fifth of all families. One-half of these families who were in the census sample and were living in substandard dwelling units were selected for the purposes of this report. The estimates of the numbers of white and non-white-occupied substandard units were prepared from a larger sample amounting to one-half of the dwelling units.

Although the tabulations are based on data transcribed from the 1950 Census schedules, there may be differences between the figures in the present report and those to be published as part of the 1950 Census in addition to differences caused by the sampling variability of the data presented here. The present tables were obtained by tabulating directly the data as transcribed in the field offices of the Census Bureau and the figures, therefore, do not include all of the refinements that result from a careful examination of the schedules.

In addition, the data are subject to other biases due to errors of response and to nonreporting which cannot be corrected in editing. Factors affecting accuracy of reporting are the respondent's knowledge of the facts and the ability of the enumerator to obtain accurate information on such items as income, rent, dilapidation, and plumbing facilities. The regular 1950 tabulations are also subject to these biases.

Reliability of Estimates

Because of sampling variability the figures shown in the tables may differ from those that would have been obtained from a complete count. Two types of estimates are presented in the tables: (1) The percentages show the proportion of families or units with specified characteristics; (2) the absolute figures show the total numbers of families or units upon which the distributions are based. The reliability estimates which follow give approximate measures of the sampling errors to be expected in these data.

Reliability of percentages.--The allowance to be made for sampling variation in a percentage depends, in general, both on the value of the percentage and the size of the base on which it

is determined. If two percentages are of the same magnitude, the one based on a large number of cases in the sample is, in general, less variable than the one based on a small number of sample cases. The following table presents the approximate sampling variability of estimated percentages with bases of dwelling units or families of the specified types. The chances are about 19 out of 20 that the differences due to sampling variability between the percentages obtained from the sample and the percentages

which would have been obtained from a complete census would be less than the sampling errors shown below.

To illustrate, for a figure of 10 percent based on white primary families living in substandard renter dwelling units, the sampling variability is 2.6 percent; the chances are about 19 out of 20 that the percentage obtained by a complete census would have been between 7.4 percent and 12.6 percent.

Percentage shown in table	Sampling variability if the base is--									
	All substandard dwelling units		All primary families in substandard dwelling units				All primary families with no subfamily or secondary family present, in substandard renter units			
	White	Nonwhite	White		Nonwhite		White		Nonwhite	
			Owner	Renter	Owner	Renter	No minors	With minors	No minors	With minors
0.5	0.5	0.4	0.9	0.6	0.8	0.5	0.9	0.9	0.9	0.7
1.0	0.7	0.5	1.3	0.9	1.1	0.7	1.3	1.2	1.3	1.0
2.0	0.9	0.8	1.9	1.2	1.6	1.0	1.9	1.7	1.8	1.4
3.0	1.1	0.9	2.3	1.5	1.9	1.2	2.3	2.1	2.1	1.7
4.0	1.3	1.1	2.6	1.7	2.2	1.4	2.6	2.4	2.5	2.0
5.0	1.4	1.2	2.9	1.9	2.5	1.6	2.9	2.7	2.7	2.2
10.0	2.0	1.7	4.0	2.6	3.4	2.2	4.0	3.7	3.8	3.0
15.0	2.3	2.0	4.8	3.1	4.1	2.6	4.7	4.4	4.5	3.6
20.0	2.6	2.2	5.4	3.4	4.5	2.9	5.3	4.9	5.0	4.0
25.0	2.8	2.4	5.8	3.7	4.9	3.2	5.8	5.3	5.5	4.4
30.0	3.0	2.5	6.2	3.9	5.2	3.3	6.1	5.6	5.8	4.6
40.0	3.2	2.7	6.6	4.2	5.6	3.6	6.5	6.0	6.2	4.9
50.0	3.3	2.8	6.7	4.3	5.7	3.6	6.6	6.1	6.3	5.0

The sampling variability for percentages based on total dwelling units or families with designated characteristics would be less than the corresponding sampling errors for either white or nonwhite households. As the size of the base increases, the sampling variability of a percentage usually decreases.

Reliability of absolute figures.--The approximate sampling variability of the estimated number of substandard dwelling units by race of occupant, table 1, is shown below. The chances are about 19 out of 20 that the differences between the estimated numbers of dwelling units obtained from the sample and the numbers that were obtained in the 1950 Census are less than the sampling errors which follow.

Classification	Estimated number of substandard occupied dwelling units	Sampling variability
Total.....	21,730	525
White.....	8,830	350
Nonwhite.....	12,900	485

The following is the approximate sampling variability for other absolute figures, tables 1

through 5. The chances are about 19 out of 20 that the differences between the figures shown in the tables and the figures that would have been obtained from a complete census would be less than the sampling errors below.

Size of absolute figure	Sampling variability ¹ if classified by--		Size of absolute figure	Sampling variability ¹ if classified by--	
	White	Non-white		White	Non-white
250.....	100	100	5,000.....	470	475
500.....	140	140	6,000.....	520	525
1,000.....	200	200	7,000.....	570	575
2,000.....	285	290	8,000.....	615	625
3,000.....	355	360	10,000.....	...	715
4,000.....	415	420	12,500.....	...	825

¹ Applies to dwelling units and families, tables 1 through 5.

Reliability of differences.--The estimates of sampling variability in the above tables are not directly applicable to differences obtained by subtracting one figure from another. The sampling variability in an observed difference between two figures depends on the sampling variability of each of the figures and the correlation between them.

Table 1.--STRUCTURAL AND OCCUPANCY CHARACTERISTICS, CONDITION, AND PLUMBING FACILITIES OF OCCUPIED SUBSTANDARD DWELLING UNITS, BY TENURE AND COLOR OF OCCUPANTS, FOR RICHMOND, VA.: 1950

(A substandard dwelling unit is defined by the Public Housing Administration as a unit which is either dilapidated or does not have all of the following plumbing facilities: flush toilet and bath inside the structure for the unit's exclusive use, and hot running water)

Characteristic	Total			White			Nonwhite		
	Total	Owner	Renter	Total	Owner	Renter	Total	Owner	Renter
Total number occupied substandard dwelling units.....	21,730	5,974	15,756	8,830	2,492	6,338	12,900	3,482	9,418
Percent of total.....	100.0	27.5	72.5	40.6	11.5	29.2	59.4	16.0	43.3
NUMBER OF ROOMS									
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1 room.....	4.1	0.8	5.3	5.2	1.6	6.6	3.4	0.3	4.5
2 rooms.....	13.8	3.0	18.0	18.6	4.0	24.3	10.6	2.3	13.7
3 rooms.....	35.6	22.2	40.7	25.6	18.7	28.4	42.4	24.7	48.9
4 rooms.....	20.8	26.5	18.6	23.5	28.2	21.7	18.9	25.3	16.6
5 rooms.....	12.4	19.9	9.5	13.9	19.0	11.9	11.3	20.5	8.0
6 rooms.....	8.3	16.7	5.1	8.2	17.5	4.5	8.4	16.2	5.6
7 rooms.....	2.2	4.8	1.2	2.4	6.0	0.9	2.1	4.0	1.4
8 rooms or more.....	2.0	5.5	0.7	1.9	5.2	0.6	2.1	5.7	0.7
Not reported.....	0.8	0.7	0.8	0.8	...	1.1	0.8	1.1	0.6
CONDITION									
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Not dilapidated.....	70.9	83.3	66.2	80.5	87.3	77.8	64.3	80.4	58.3
Dilapidated.....	26.9	15.6	31.2	18.4	11.1	21.2	32.7	18.7	37.9
Not reported.....	2.2	1.2	2.6	1.1	1.6	0.9	3.0	0.9	3.8
WATER SUPPLY									
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Hot and cold piped running water inside structure..	22.4	22.3	22.4	46.6	40.9	48.8	5.8	9.1	4.6
Only cold piped running water inside structure.....	68.3	71.7	67.0	51.7	57.5	49.5	79.7	81.8	78.9
No piped running water inside structure.....	9.2	6.0	10.4	1.5	1.6	1.4	14.4	9.1	16.4
Not reported.....	0.1	...	0.2	0.2	...	0.3	0.1	...	0.1
TOILET FACILITIES									
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Flush toilet inside structure, exclusive use.....	31.2	41.2	27.4	36.8	45.6	33.4	27.4	33.1	23.4
Flush toilet inside structure, shared.....	23.3	16.9	25.8	45.5	33.3	50.2	8.2	5.1	9.3
Other toilet facilities (including privy).....	45.3	41.9	46.6	17.5	21.0	16.1	64.4	56.8	67.2
Not reported...F.....	0.1	...	0.1	0.2	...	0.3	...	...	...
BATHING FACILITIES									
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Installed bathtub or shower inside structure, exclusive use.....	24.1	32.0	21.2	31.4	38.9	28.4	19.2	27.0	16.3
Installed bathtub or shower inside structure, shared.....	23.1	17.9	25.1	46.9	36.5	51.0	6.8	4.5	7.7
Other or none.....	52.2	49.5	53.2	20.9	24.6	19.5	73.5	67.3	75.6
Not reported.....	0.6	0.7	0.6	0.8	...	1.1	0.5	1.1	0.2
NUMBER OF PERSONS									
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1 person.....	13.1	10.8	13.9	14.6	13.9	14.8	12.0	8.5	13.3
2 persons.....	28.0	26.3	28.7	31.6	29.0	32.6	25.6	24.4	26.1
3 persons.....	20.2	18.2	21.0	21.5	18.3	22.8	19.3	18.2	19.7
4 persons.....	14.3	16.9	13.4	14.7	16.7	13.9	14.1	17.0	13.0
5 persons.....	10.2	12.1	9.4	8.4	9.9	7.8	11.3	13.6	10.5
6 persons.....	5.8	5.8	5.8	4.8	6.0	4.4	6.4	5.7	6.7
7 persons.....	3.0	3.5	2.9	2.5	2.8	2.3	3.5	4.0	3.3
8 persons.....	2.1	2.2	2.1	1.1	2.0	0.8	2.8	2.3	2.9
9 persons or more.....	3.3	4.3	2.9	0.9	1.6	0.6	4.9	6.2	4.4
NUMBER OF LODGERS									
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
None.....	85.6	86.6	85.2	90.8	89.3	91.4	82.0	84.7	81.0
1 or more lodgers.....	14.4	13.4	14.8	9.2	10.7	8.6	18.0	15.3	19.0

Table 1.--STRUCTURAL AND OCCUPANCY CHARACTERISTICS, CONDITION, AND PLUMBING FACILITIES OF OCCUPIED SUBSTANDARD DWELLING UNITS, BY TENURE AND COLOR OF OCCUPANTS, FOR RICHMOND, VA.: 1950--Con.

(A substandard dwelling unit is defined by the Public Housing Administration as a unit which is either dilapidated or does not have all of the following plumbing facilities: flush toilet and bath inside the structure for the unit's exclusive use, and hot running water)

Characteristic	Total			White			Nonwhite		
	Total	Owner	Renter	Total	Owner	Renter	Total	Owner	Renter
CONDITION AND PLUMBING FACILITIES									
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Not dilapidated:									
With private bath and private flush toilet, no hot running water.....	15.9	23.3	13.1	20.4	29.0	17.0	12.9	19.3	10.5
With private flush toilet, no private bath.....	7.4	9.8	6.5	6.9	9.5	5.9	7.7	9.9	6.8
With running water, no private flush toilet.....	43.8	46.5	42.7	52.2	48.4	53.7	38.0	45.2	35.4
No running water inside the structure.....	3.6	3.6	3.6	0.6	0.4	0.6	5.7	6.0	5.6
Dilapidated:									
With private bath and private flush toilet, hot and cold running water.....	2.8	3.3	2.6	5.2	5.2	5.1	1.2	2.0	0.8
With private bath and private flush toilet, no hot running water.....	2.6	2.3	2.8	2.0	0.8	2.5	3.1	3.4	2.9
With private flush toilet, no private bath.....	1.5	1.8	1.4	1.2	0.4	1.6	1.7	2.8	1.3
With running water, no private flush toilet.....	14.2	5.3	17.6	8.5	3.6	10.5	18.2	6.5	22.5
No running water inside the structure.....	5.2	2.2	6.3	0.9	1.2	0.8	8.1	2.8	10.1
Not reporting condition or plumbing facilities.....	3.0	1.8	3.4	2.1	1.6	2.3	3.5	2.0	4.1
CONDITION BY NUMBER OF PLUMBING FACILITIES									
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Not dilapidated:									
Lacking 1 facility.....	18.7	27.6	15.3	25.4	34.9	21.7	14.0	22.4	10.9
Lacking 2 facilities.....	21.8	22.0	21.8	37.5	35.3	38.4	11.1	12.5	10.6
Lacking 3 facilities.....	30.2	33.6	28.9	17.1	17.1	17.2	39.1	45.5	36.8
Dilapidated:									
With all facilities.....	2.8	3.3	2.6	5.2	5.2	5.1	1.2	2.0	0.8
Lacking 1 facility.....	2.8	2.3	3.0	2.4	0.8	3.0	3.1	3.4	2.9
Lacking 2 facilities.....	2.9	2.6	3.0	3.8	2.0	4.5	2.2	3.1	1.9
Lacking 3 facilities.....	17.9	6.6	22.2	6.5	3.2	7.8	25.8	9.1	31.9
Not reporting condition or plumbing facilities.....	3.0	1.8	3.4	2.1	1.6	2.3	3.5	2.0	4.1
NUMBER OF DWELLING UNITS IN STRUCTURE									
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1 dwelling unit.....	40.0	65.2	30.4	28.6	49.6	20.3	47.8	76.4	37.2
2 to 4 dwelling units.....	54.1	34.4	61.5	61.8	50.0	66.5	48.8	23.3	58.2
5 or more dwelling units.....	6.0	0.3	8.1	9.6	0.4	13.3	3.5	0.3	4.6

Table 2.--CONTRACT AND GROSS RENT OF RENTER-OCCUPIED SUBSTANDARD DWELLING UNITS, BY COLOR OF OCCUPANTS, FOR RICHMOND, VA.: 1950

(See table 1 for the Public Housing Administration definition of substandard dwelling unit)

Monthly rent	Total	White	Nonwhite	Monthly rent		
				Total	White	Nonwhite
Total number renter-occupied substandard dwelling units.....						
	15,756	6,338	9,418			
Percent of total.....						
	100.0	40.2	59.8			
MONTHLY CONTRACT RENT						
Total.....	100.0	100.0	100.0			
9 or less.....						
	12.4	1.7	19.5			
10 to \$14.....						
	29.4	14.8	39.2			
15 to \$19.....						
	19.9	17.5	21.5			
20 to \$24.....						
	11.0	13.4	9.3			
25 to \$29.....						
	6.9	10.8	4.3			
30 to \$34.....						
	5.1	10.0	1.8			
35 to \$39.....						
	3.4	6.9	1.1			
40 to \$49.....						
	4.7	10.3	0.9			
50 or more.....						
	4.5	10.1	0.6			
Rent free.....						
	2.1	3.4	1.2			
Not reported.....						
	0.8	1.1	0.5			
FURNITURE IN RENT						
Total.....				100.0	100.0	100.0
Furniture included in contract rent..				12.7	27.0	3.2
Furniture not included in contract rent.....				81.7	67.9	91.0
Not reported.....				5.6	5.1	5.9
MONTHLY GROSS RENT						
Total.....				100.0	100.0	100.0
\$9 or less.....				1.4	0.2	2.2
\$10 to \$14.....				6.7	6.7	6.7
\$15 to \$19.....				16.6	9.6	21.4
\$20 to \$24.....				20.2	13.1	25.0
\$25 to \$29.....				19.0	17.8	19.9
\$30 to \$34.....				11.7	12.3	11.4
\$35 to \$39.....				8.5	12.3	5.9
\$40 to \$49.....				7.6	13.1	3.9
\$50 or more.....				5.2	10.1	1.9
Rent free.....				2.1	3.4	1.2
Not reported.....				0.9	1.2	0.7

Table 3.--CONDITION AND PLUMBING FACILITIES OF RENTER-OCCUPIED SUBSTANDARD DWELLING UNITS, BY GROSS RENT, FOR RICHMOND, VA.: 1950

(See table 1 for the Public Housing Administration definition of substandard dwelling unit)

Condition and plumbing facilities	Total	Monthly gross rent								Rent Free	Not reported
		\$19 or less	\$20 to \$24	\$25 to \$29	\$30 to \$34	\$35 to \$39	\$40 to \$49	\$50 or more			
Total number renter-occupied substandard dwelling units.....	15,756	3,897	3,185	2,997	1,850	1,335	1,197	821	326	148	
Percent of total.....	100.0	24.7	20.2	19.0	11.7	8.5	7.6	5.2	2.1	0.9	
Not dilapidated:											
With private bath and private flush toilet, no hot running water.....	13.1	0.3	2.0	2.8	2.1	2.6	1.9	0.9	0.3	0.1	
With private flush toilet, no private bath.....	6.5	1.0	1.7	1.3	0.8	0.5	0.5	0.4	0.3	...	
With running water, no private flush toilet.....	42.7	9.6	8.4	8.2	5.9	3.5	3.8	2.1	0.9	0.4	
No running water inside structure.....	3.6	1.5	0.9	0.6	0.2	0.1	...	...	0.2	0.1
Dilapidated:											
With private bath and private flush toilet, hot and cold running water.....	2.6	0.1	0.1	0.4	0.4	0.4	0.3	0.9	0.1	0.1	
With private bath and private flush toilet, no hot running water.....	2.8	0.3	0.5	0.8	0.4	0.3	0.4	0.2	...	...
With private flush toilet, no private bath.....	1.4	0.3	0.4	0.3	0.3	...	0.1	0.1	...	...
With running water, no private flush toilet.....	17.6	6.5	4.5	3.4	1.3	0.7	0.6	0.4	0.2	0.2	
No running water inside structure.....	6.3	4.5	1.2	0.3	0.1	0.1	...	0.1	...	0.1	
Not reporting condition or plumbing facilities....	3.4	0.7	0.5	1.0	0.4	0.3	0.1	0.1	0.2	0.1	

Table 3a.--CONDITION AND PLUMBING FACILITIES OF RENTER-OCCUPIED SUBSTANDARD DWELLING UNITS, BY GROSS RENT, FOR WHITE HOUSEHOLDS, FOR RICHMOND, VA.: 1950

(See table 1 for the Public Housing Administration definition of substandard dwelling unit)

Condition and plumbing facilities	Total	Monthly gross rent								Rent Free	Not reported
		\$19 or less	\$20 to \$24	\$25 to \$29	\$30 to \$34	\$35 to \$39	\$40 to \$49	\$50 or more			
Total number renter-occupied substandard dwelling units.....	6,338	1,048	831	1,127	781	781	831	643	217	79	
Percent of total.....	100.0	16.5	13.1	17.8	12.3	12.3	13.1	10.1	3.4	1.2	
Not dilapidated:											
With private bath and private flush toilet, no hot running water.....	17.0	0.5	1.9	3.4	2.3	4.2	2.3	1.7	0.5	0.2	
With private flush toilet, no private bath.....	5.9	0.8	0.8	0.6	1.0	0.9	0.8	0.6	0.3	...	
With running water, no private flush toilet.....	53.7	11.4	6.6	8.4	6.7	5.8	7.8	4.7	1.9	0.5	
No running water inside structure.....	0.6	0.3	0.2	...	...	...	...	...	...	0.2
Dilapidated:											
With private bath and private flush toilet, hot and cold running water.....	5.1	0.2	0.2	0.8	0.5	0.6	0.6	2.2	...	0.2	
With private bath and private flush toilet, no hot running water.....	2.5	0.3	0.5	0.9	0.3	0.2	0.2	0.2	...	...
With private flush toilet, no private bath.....	1.6	0.2	0.5	0.6	0.2	...	0.2	...	...	...
With running water, no private flush toilet.....	10.5	1.9	2.7	2.2	1.1	0.3	1.1	0.6	0.5	0.2	
No running water inside structure.....	0.8	0.6	...	...	...	0.2	...	...	...	...
Not reporting condition or plumbing facilities....	2.3	0.5	...	0.8	0.2	0.2	0.2	0.2	0.3	0.2	

Table 3b.--CONDITION AND PLUMBING FACILITIES OF RENTER-OCCUPIED SUBSTANDARD DWELLING UNITS, BY GROSS RENT, FOR NONWHITE HOUSEHOLDS, FOR RICHMOND, VA.: 1950

(See table 1 for the Public Housing Administration definition of substandard dwelling unit)

Condition and plumbing facilities	Total	Monthly gross rent								Not reported
		\$19 or less	\$20 to \$24	\$25 to \$29	\$30 to \$34	\$35 to \$39	\$40 to \$49	\$50 or more	Rent Free	
Total number renter-occupied substandard dwelling units.....	9,418	2,849	2,354	1,870	1,069	554	366	178	109	69
Percent of total.....	100.0	30.3	25.0	19.9	11.4	5.9	3.9	1.9	1.2	0.7
Not dilapidated:										
With private bath and private flush toilet, no hot running water.....	10.5	0.1	2.1	2.4	2.0	1.6	1.7	0.4	0.2	..
With private flush toilet, no private bath.....	6.8	1.2	2.3	1.8	0.5	0.2	0.3	0.3	0.2	...
With running water, no private flush toilet....	35.4	8.4	9.7	8.0	5.4	2.0	1.1	0.4	0.2	0.3
No running water inside structure.....	5.6	2.3	1.5	1.1	0.3	0.1	...	...	0.3	...
Dilapidated:										
With private bath and private flush toilet, hot and cold running water.....	0.8	...	...	0.2	0.3	0.2	...	...	0.1	...
With private bath and private flush toilet, no hot running water.....	2.9	0.3	0.5	0.6	0.4	0.3	0.5	0.2	...	...
With private flush toilet, no private bath.....	1.3	0.4	0.4	...	0.3	...	...	0.1	...	...
With running water, no private flush toilet....	22.5	9.6	5.7	4.2	1.5	0.9	0.2	0.2	...	0.2
No running water inside structure.....	10.1	7.1	2.0	0.4	0.1	0.1	...	0.1	...	0.2
Not reporting condition or plumbing facilities...	4.1	0.8	0.8	1.2	0.5	0.4	0.1	0.1	0.1	...

Table 4.--CHARACTERISTICS OF FAMILIES IN SUBSTANDARD DWELLING UNITS, BY TENURE AND COLOR, FOR RICHMOND, VA.: 1950

(See table 1 for the Public Housing Administration definition of substandard dwelling unit)

Characteristic	Total			White			Nonwhite		
	Total	Owner	Renter	Total	Owner	Renter	Total	Owner	Renter
Total number of families.....	18,456	5,351	13,105	7,455	2,185	5,270	11,001	3,166	7,835
Percent of total.....	100.0	29.0	71.0	40.4	11.8	28.6	59.6	17.2	42.5
TYPE OF FAMILY									
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Primary family.....	96.0	96.1	95.9	97.5	96.4	97.9	95.0	95.9	94.6
Secondary family.....	4.0	3.9	4.1	2.5	3.6	2.1	5.0	4.1	5.4
NUMBER OF PERSONS IN FAMILY									
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 persons.....	37.4	35.5	38.1	40.3	39.4	40.7	35.3	32.8	36.4
3 persons.....	21.8	19.4	22.8	24.3	19.5	26.3	20.1	19.4	20.5
4 persons.....	15.9	18.1	15.0	16.8	19.0	15.9	15.3	17.5	14.4
5 persons.....	10.0	11.3	9.5	8.6	9.5	8.3	11.0	12.5	10.4
6 persons.....	5.8	6.5	5.6	5.3	6.8	4.7	6.2	6.3	6.2
7 persons.....	3.3	3.0	3.5	2.4	2.3	2.4	4.0	3.4	4.2
8 persons or more.....	5.7	6.3	5.5	2.3	3.6	1.7	8.1	8.1	8.1
NUMBER OF PERSONS PER ROOM IN DWELLING UNIT									
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.50 or less.....	11.9	22.7	7.5	15.3	29.0	9.6	9.6	18.4	6.1
0.51 to 0.75.....	24.5	27.0	23.5	25.9	27.6	25.1	23.6	26.6	22.3
0.76 to 1.00.....	29.8	29.4	30.0	32.6	27.6	34.7	27.9	30.6	26.8
1.01 to 1.50.....	15.8	11.3	17.7	15.0	10.9	16.7	16.4	11.6	18.3
1.51 to 2.00.....	12.0	6.7	14.1	9.0	4.5	10.9	13.9	8.1	16.3
2.01 or more.....	5.3	2.2	6.5	1.6	0.5	2.1	7.7	3.4	9.5
Not reported.....	0.8	0.7	0.8	0.7	...	0.9	0.9	1.3	0.8
NUMBER OF MINORS IN FAMILY									
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
No minors.....	42.7	47.5	40.7	46.8	50.2	45.4	39.8	45.6	37.5
1 minor.....	23.9	20.0	25.5	24.8	19.5	27.0	23.3	20.3	24.5
2 minors.....	14.6	14.2	14.8	15.3	15.8	15.0	14.2	13.1	14.6
3 minors.....	8.6	9.2	8.4	7.8	8.6	7.5	9.2	9.7	9.0
4 minors.....	4.2	4.1	4.3	2.8	3.6	2.4	5.2	4.4	5.6
5 minors.....	2.5	1.8	2.8	1.9	2.3	1.7	3.0	1.6	3.5
6 minors or more.....	3.4	3.1	3.5	0.7	...	0.9	5.3	5.3	5.3

Table 4a.--INCOME IN 1949 OF PRIMARY FAMILIES IN SUBSTANDARD DWELLING UNITS, BY NUMBER OF MINORS, TENURE, AND COLOR,
FOR RICHMOND, VA.: 1950

(See table 1 for the Public Housing Administration definition of substandard dwelling unit)

Family income by number of minors	Total			White			Nonwhite		
	Total	Owner	Renter	Total	Owner	Renter	Total	Owner	Renter
Total number of primary families.....	17,714	5,143	12,571	7,267	2,106	5,161	10,447	3,037	7,410
Percent of total.....	100.0	29.0	71.0	41.0	11.9	29.1	59.0	17.1	41.8
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
\$999 or less.....	18.8	15.0	20.3	11.8	11.7	11.9	23.6	17.3	26.2
\$1,000 to \$1,249.....	5.8	4.4	6.4	3.0	1.9	3.4	7.8	6.2	8.4
\$1,250 to \$1,499.....	4.3	3.8	4.5	2.9	1.9	3.3	5.3	5.2	5.3
\$1,500 to \$1,749.....	7.7	6.7	8.0	4.5	3.3	5.0	9.8	9.1	10.1
\$1,750 to \$1,999.....	6.5	6.9	6.4	4.6	4.7	4.6	7.9	8.5	7.6
\$2,000 to \$2,249.....	9.3	9.8	9.1	8.4	6.6	9.2	9.9	12.1	9.1
\$2,250 to \$2,499.....	6.7	7.7	6.3	7.1	7.0	7.1	6.4	8.1	5.7
\$2,500 to \$2,749.....	6.8	4.8	7.6	6.4	2.8	7.9	7.1	6.2	7.5
\$2,750 to \$2,999.....	4.7	4.8	4.6	6.3	6.6	6.1	3.6	3.6	3.6
\$3,000 to \$3,999.....	13.4	14.4	13.0	19.0	19.2	19.0	9.5	11.1	8.8
\$4,000 to \$4,999.....	6.6	10.0	5.2	10.6	14.1	9.2	3.8	7.2	2.4
\$5,000 or more.....	6.6	10.2	5.1	12.7	18.3	10.3	2.4	4.6	1.5
Not reported.....	2.8	1.3	3.5	2.7	1.9	3.1	2.9	1.0	3.7
No minors.....	41.4	46.3	39.4	46.1	49.8	44.6	38.2	44.0	35.8
\$999 or less.....	7.3	7.3	7.2	6.0	6.6	5.7	8.1	7.8	8.3
\$1,000 to \$1,249.....	2.7	2.3	2.9	1.9	1.9	1.9	3.3	2.6	3.6
\$1,250 to \$1,499.....	2.1	1.9	2.2	2.0	1.4	2.3	2.2	2.3	2.1
\$1,500 to \$1,749.....	3.0	3.8	2.7	1.8	2.3	1.5	3.9	4.9	3.5
\$1,750 to \$1,999.....	2.7	3.7	2.3	1.9	2.8	1.5	3.2	4.2	2.8
\$2,000 to \$2,249.....	3.9	3.3	4.1	3.9	4.2	3.8	3.8	2.6	4.3
\$2,250 to \$2,499.....	3.0	4.2	2.5	3.1	4.2	2.7	2.9	4.2	2.4
\$2,500 to \$2,749.....	2.5	2.1	2.6	2.9	1.4	3.4	2.2	2.6	2.0
\$2,750 to \$2,999.....	1.8	1.7	1.8	1.8	1.4	1.9	1.8	2.0	1.7
\$3,000 to \$3,999.....	5.7	6.9	5.2	8.0	8.0	8.0	4.1	6.2	3.2
\$4,000 to \$4,999.....	2.5	4.0	1.9	4.6	6.1	4.0	1.0	2.5	0.4
\$5,000 or more.....	3.0	4.2	2.5	6.5	8.0	5.9	0.6	1.6	0.1
Not reported.....	1.3	0.8	1.5	1.6	1.4	1.7	1.0	0.3	1.3
One minor.....	24.0	20.2	25.6	25.2	19.7	27.4	23.2	20.5	24.3
\$999 or less.....	4.9	3.8	5.4	2.9	2.8	2.9	6.3	4.6	7.1
\$1,000 to \$1,249.....	1.4	1.0	1.6	0.5	...	0.8	2.0	1.6	2.1
\$1,250 to \$1,499.....	1.0	1.2	0.9	0.5	0.5	0.6	1.3	1.6	1.2
\$1,500 to \$1,749.....	1.7	0.8	2.0	1.6	0.5	2.1	1.7	1.0	2.0
\$1,750 to \$1,999.....	1.2	0.8	1.4	1.2	...	1.7	1.2	1.3	1.2
\$2,000 to \$2,249.....	2.2	2.1	2.2	1.6	0.5	2.1	2.6	3.3	2.3
\$2,250 to \$2,499.....	1.4	1.2	1.5	1.6	0.9	1.9	1.2	1.3	1.2
\$2,500 to \$2,749.....	1.6	1.0	1.9	1.8	0.9	2.1	1.5	1.0	1.7
\$2,750 to \$2,999.....	1.5	1.3	1.4	2.2	2.3	2.1	0.9	0.7	1.1
\$3,000 to \$3,999.....	3.2	1.9	3.7	5.2	4.2	5.6	1.8	0.3	2.4
\$4,000 to \$4,999.....	1.8	2.9	1.4	3.3	3.8	3.1	0.9	2.3	0.3
\$5,000 or more.....	1.2	1.9	0.9	1.9	2.8	1.5	0.7	1.3	0.4
Not reported.....	0.9	0.4	1.2	0.8	0.5	1.0	1.0	0.3	1.3
Two minors.....	15.0	14.4	15.2	15.2	15.5	15.1	14.8	13.7	15.2
\$999 or less.....	2.8	1.3	3.5	1.6	0.5	2.1	3.7	2.0	4.4
\$1,000 to \$1,249.....	0.7	0.4	0.9	0.3	...	0.4	1.0	0.7	1.2
\$1,250 to \$1,499.....	0.4	0.2	0.6	0.3	...	0.4	0.6	0.3	0.7
\$1,500 to \$1,749.....	1.0	0.8	1.1	0.4	...	0.5	1.4	1.3	1.5
\$1,750 to \$1,999.....	0.9	1.0	0.9	0.5	0.5	0.6	1.1	1.3	1.1
\$2,000 to \$2,249.....	1.8	2.3	1.6	1.8	1.4	1.9	1.8	2.9	1.3
\$2,250 to \$2,499.....	1.0	1.0	1.0	1.4	0.9	1.5	0.8	1.0	0.7
\$2,500 to \$2,749.....	1.3	0.4	1.7	1.1	...	1.5	1.4	0.7	1.7
\$2,750 to \$2,999.....	0.4	0.4	0.5	1.0	0.9	1.0	0.1	...	0.1
\$3,000 to \$3,999.....	2.2	3.1	1.8	3.0	4.7	2.3	1.6	2.0	1.5
\$4,000 to \$4,999.....	0.8	1.3	0.6	1.1	1.9	0.8	0.7	1.0	0.5
\$5,000 or more.....	1.3	2.3	0.9	2.7	4.7	1.9	0.4	0.7	0.3
Not reported.....	0.2	...	0.2	0.1	...	0.2	0.2	...	0.3

Table 4a.--INCOME IN 1949 OF PRIMARY FAMILIES IN SUBSTANDARD DWELLING UNITS, BY NUMBER OF MINORS, TENURE, AND COLOR, FOR RICHMOND, VA.: 1950--Con.

(See table 1 for the Public Housing Administration definition of substandard dwelling unit)

Family income by number of minors	Total			White			Nonwhite		
	Total	Owner	Renter	Total	Owner	Renter	Total	Owner	Renter
Three or four minors.....	13.4	13.8	13.2	10.9	12.7	10.2	15.2	14.7	15.4
\$999 or less.....	2.6	1.7	3.0	1.2	1.4	1.1	3.6	2.0	4.3
\$1,000 to \$1,249.....	0.8	0.6	0.9	0.3	...	0.4	1.1	1.0	1.2
\$1,250 to \$1,499.....	0.4	0.4	0.5	...	...	...	0.8	0.7	0.8
\$1,500 to \$1,749.....	1.6	1.0	1.9	0.7	0.5	0.8	2.3	1.3	2.7
\$1,750 to \$1,999.....	1.3	1.2	1.3	1.0	1.4	0.8	1.5	1.0	1.7
\$2,000 to \$2,249.....	1.0	1.7	0.7	0.7	0.5	0.8	1.2	2.6	0.7
\$2,250 to \$2,499.....	0.7	0.8	0.7	0.5	0.5	0.6	0.9	1.0	0.8
\$2,500 to \$2,749.....	1.1	1.2	1.0	0.7	0.5	0.8	1.3	1.6	1.2
\$2,750 to \$2,999.....	0.7	1.0	0.6	1.4	1.9	1.1	0.3	0.3	0.3
\$3,000 to \$3,999.....	1.5	1.7	1.3	2.4	2.3	2.5	0.8	1.3	0.5
\$4,000 to \$4,999.....	1.0	1.5	0.8	1.2	1.9	1.0	0.9	1.3	0.7
\$5,000 or more.....	0.4	1.0	0.2	0.8	1.9	0.4	0.2	0.3	0.1
Not reported.....	0.2	0.2	0.2	...	...	...	0.4	0.3	0.4
5 minors or more.....	6.2	5.2	6.6	2.6	2.3	2.7	8.7	7.2	9.3
\$999 or less.....	1.1	0.8	1.3	0.1	0.5	...	1.8	1.0	2.1
\$1,000 to \$1,249.....	0.2	0.2	0.2	...	...	...	0.3	0.3	0.3
\$1,250 to \$1,499.....	0.3	0.2	0.3	...	...	...	0.5	0.3	0.5
\$1,500 to \$1,749.....	0.3	0.4	0.3	...	...	...	0.6	0.7	0.5
\$1,750 to \$1,999.....	0.4	0.4	0.5	...	...	...	0.8	0.7	0.8
\$2,000 to \$2,249.....	0.5	0.4	0.6	0.4	...	0.6	0.6	0.7	0.5
\$2,250 to \$2,499.....	0.6	0.2	0.6	0.4	0.5	0.4	0.7	0.7	0.7
\$2,500 to \$2,749.....	0.4	0.4	0.5	...	...	...	0.7	0.3	0.8
\$2,750 to \$2,999.....	0.3	0.6	0.2	...	...	...	0.5	0.7	0.4
\$3,000 to \$3,999.....	0.9	0.8	0.9	0.4	...	0.6	1.2	1.3	1.2
\$4,000 to \$4,999.....	0.4	0.2	0.5	0.4	0.5	0.4	0.4	...	0.5
\$5,000 or more.....	0.6	0.8	0.6	0.7	0.9	0.6	0.6	0.7	0.5
Not reported.....	0.2	...	0.3	0.1	...	0.2	0.3	...	0.4

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Table 5.--RENT AS PERCENT OF INCOME BY FAMILY INCOME IN 1949 OF PRIMARY FAMILIES WITH NO SUBFAMILY OR SECONDARY FAMILY IN RENTER-OCCUPIED SUBSTANDARD DWELLING UNITS, BY PRESENCE OF MINORS AND COLOR, FOR RICHMOND, VA.: 1950

(See table 1 for the Public Housing Administration definition of substandard dwelling unit)

Gross rent as percent of income by family income	Total			White			Nonwhite		
	Total	No minors	With minors	Total	No minors	With minors	Total	No minors	With minors
Number of families.....	11,037	4,638	6,399	4,716	2,165	2,551	6,321	2,473	3,848
Percent of total.....	100.0	42.0	58.0	42.7	19.6	23.1	57.3	22.4	34.9
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
9 percent or less.....	16.8	19.6	14.7	23.3	29.7	17.8	11.9	10.8	12.6
10 percent to 14 percent.....	23.9	25.2	23.0	23.7	22.8	24.4	24.1	27.2	22.1
15 percent to 19 percent.....	14.9	14.5	15.1	14.5	12.3	16.3	15.2	16.4	14.4
20 percent to 24 percent.....	10.4	8.5	11.7	9.6	6.4	12.4	11.0	10.4	11.3
25 percent to 29 percent.....	4.3	3.8	4.6	3.1	1.8	4.3	5.2	5.6	4.9
30 percent to 34 percent.....	2.9	3.0	2.8	3.1	3.2	3.1	2.7	2.8	2.6
35 percent or more.....	12.8	12.4	13.1	10.7	11.0	10.5	14.4	13.6	14.9
Rent free.....	1.8	0.9	2.5	2.9	1.8	3.9	0.9	...	1.5
Not reported.....	12.3	12.2	12.4	19.0	11.0	7.4	14.7	13.2	15.7
\$1,499 or less.....	23.8	25.4	22.7	14.9	17.4	12.8	30.5	32.4	29.3
9 percent or less.....	0.3	0.2	0.3	0.2	...	0.4	0.3	0.4	0.3
10 percent to 14 percent.....	1.1	1.7	0.6	0.6	0.9	0.4	1.4	2.4	0.8
15 percent to 19 percent.....	2.2	3.2	1.4	0.8	1.8	...	3.1	4.4	2.3
20 percent to 24 percent.....	3.9	3.6	4.2	1.9	1.8	1.9	5.5	5.2	5.7
25 percent to 29 percent.....	2.5	2.8	2.3	1.0	0.9	1.2	3.6	4.4	3.1
30 percent to 34 percent.....	2.0	2.1	1.9	1.5	1.8	1.2	2.3	2.4	2.3
35 percent or more.....	11.9	11.7	12.1	8.8	10.0	7.8	14.2	13.2	14.9
\$1,500 to \$1,999.....	14.0	11.9	15.5	8.8	6.4	10.9	17.8	16.8	18.5
9 percent or less.....	0.6	0.6	0.6	0.4	0.5	0.4	0.8	0.8	0.8
10 percent to 14 percent.....	3.6	3.8	3.4	1.3	1.8	0.8	5.3	5.6	5.1
15 percent to 19 percent.....	4.2	3.2	4.9	2.3	2.3	2.3	5.6	4.0	6.7
20 percent to 24 percent.....	3.1	3.0	3.2	1.5	1.4	1.6	4.4	4.4	4.4
25 percent to 29 percent.....	1.2	0.6	1.5	0.8	...	1.6	1.4	1.2	1.5
30 percent to 34 percent.....	0.4	0.2	0.6	0.8	...	1.6	0.2	0.4	...
35 percent or more.....	0.8	0.4	1.1	1.7	0.5	2.7	0.2	0.4	...
\$2,000 to \$2,499.....	14.9	16.0	14.1	15.7	14.6	16.7	14.2	17.2	12.3
9 percent or less.....	1.3	1.3	1.4	0.8	1.4	0.4	1.7	1.2	2.1
10 percent to 14 percent.....	7.0	9.4	5.3	5.7	6.8	4.7	8.0	11.6	5.7
15 percent to 19 percent.....	3.7	3.0	4.2	3.8	1.8	5.4	3.6	4.0	3.3
20 percent to 24 percent.....	2.0	1.3	2.5	3.8	2.3	5.0	0.6	0.4	0.8
25 percent to 29 percent.....	0.5	0.4	0.6	1.0	0.9	1.2	0.2	...	0.3
30 percent to 34 percent.....	0.3	0.4	0.2	0.4	0.9	...	0.2	...	0.3
35 percent or more.....	0.1	0.2	...	0.2	0.5	...	...	...	...
\$2,500 to \$2,999.....	11.7	10.9	12.4	13.2	11.9	14.3	10.6	10.0	11.1
9 percent or less.....	2.2	3.0	1.7	1.7	2.7	0.8	2.7	3.2	2.3
10 percent to 14 percent.....	5.4	3.6	6.6	5.5	4.1	6.6	5.3	3.2	6.7
15 percent to 19 percent.....	3.1	3.6	2.8	4.4	4.1	4.7	2.2	3.2	1.5
20 percent to 24 percent.....	0.9	0.4	1.2	1.5	0.5	2.3	0.5	0.4	0.5
25 percent to 29 percent.....	...	...	...	...	...	...	...	...	...
30 percent to 34 percent.....	0.1	0.2	...	0.2	0.5	...	...	...	...
35 percent or more.....	...	...	...	...	...	...	...	...	...
\$3,000 or over.....	21.5	22.8	20.6	35.4	37.0	34.1	11.1	10.4	11.6
9 percent or less.....	12.3	14.5	10.7	20.1	25.1	15.9	6.4	5.2	7.2
10 percent to 14 percent.....	6.9	6.6	7.1	10.7	9.1	12.0	4.1	4.4	3.9
15 percent to 19 percent.....	1.7	1.5	1.9	3.1	2.3	3.9	0.6	0.8	0.5
20 percent to 24 percent.....	0.4	0.2	0.6	1.0	0.5	1.6	...	...	...
25 percent to 29 percent.....	0.1	...	0.2	0.2	...	0.4	...	...	...
30 percent to 34 percent.....	0.1	...	0.2	0.2	...	0.4	...	...	...
35 percent or more.....	...	...	...	...	...	...	...	...	...
Rent free.....	1.8	0.9	2.5	2.9	1.8	3.9	0.9	...	1.5
Not reporting income or rent	12.3	12.2	12.4	19.0	11.0	7.4	14.7	13.2	15.7

¹ Of the 9.0 percent, 3.0 represents families reporting zero income in 1949.

² Of the 14.7 percent, 8.0 represents families reporting zero income in 1949.