

APPENDIXES

Appendix A. Basic Legislation

Proclamation 3337

EIGHTEENTH DECENNIAL CENSUS

By the President of the United States of America

A Proclamation

Whereas, pursuant to section 2 of Article I of the Constitution of the United States and chapter 5 of title 13 of the United States Code, the Eighteenth Decennial Census of the United States will be taken beginning April 1, 1960; and

Whereas this Census, which will mark the one hundred and seventieth anniversary of the first United States Census, is required by the Constitution to determine the apportionment among the several States of members of the House of Representatives; and

Whereas during the ten years since the Seventeenth Decennial Census was taken great changes have occurred in the growth, location, and characteristics of our people and in their housing and activities, and these changes have made it more essential than ever before that we have a current inventory of the Nation's people, homes, and other resources to guide us in the future:

Now, therefore, I, Dwight D. Eisenhower, President of the United States of America, do hereby declare and make known that under the law it is the duty of every person over eighteen years of age to answer all questions in the census schedules applying to him and the family to which he belongs, and to the home occupied by him or his family, and that any person refusing to do so is subject to penalty as provided by law.

The sole purpose of the Census is to secure general statistical information regarding the population, its characteristics, and its homes. Replies are required from individuals only to enable the compilation of such

general statistics. No person can be harmed in any way by furnishing the information required. Individual information collected in the taking of the Eighteenth Decennial Census will not be used for purposes of taxation, investigation, or regulations, or in connection with military or jury service, the enforcement of school attendance, the regulation of immigration, or the enforcement of any national, state, or local law, or ordinance. There need be no fear that disclosure will be made regarding any individual person or his affairs. For the due protection of the rights and interests of the persons furnishing information, every employee of the Census Bureau is prohibited, under heavy penalty, from disclosing any information which may come to his knowledge by reason of his employment.

Life and liberty in a free country entail a variety of cooperative actions for the common good. The prompt, complete, and accurate answering of all official inquiries made by Census officials should be regarded as one of the requirements of good citizenship.

In witness whereof, I have hereunto set my hand and caused the Seal of the United States of America to be affixed.

Done at the City of Washington this fifteenth day of March in the year of our Lord nineteen hundred and sixty, and of the Independence of the United States of America the one hundred and eighty-fourth.

Dwight D. Eisenhower

By the President:

Christian A. Herter,
Secretary of State.

TITLE 13, UNITED STATES CODE--CENSUS

Chapter 1--Administration

SUBCHAPTER I--GENERAL PROVISIONS

S 1. Definitions

As used in this title, unless the context requires another meaning, or unless it is otherwise provided--

"Bureau" means the Bureau of the Census;
"Secretary" means the Secretary of Commerce.

SUBCHAPTER II--OFFICERS AND EMPLOYEES

S 21. Director of the Census; duties

The Bureau shall be headed by a Director of the Census, appointed by the President, by and with the advice and consent of the Senate. The Director shall perform such duties as may be imposed upon him by law, regulations, or orders of the Secretary.

S 22. Qualifications of permanent personnel

All permanent officers and employees of the Bureau shall be citizens of the United States, and shall be appointed and compensated under the Civil Service laws and the Classification Act of 1949, as amended or supplemented.

S 23. Additional officers and employees

(a) The Secretary may appoint, without regard to the Classification Act of 1949, at rates of compensation to be fixed by him, as many temporary employees in the Departmental Service as may be necessary to meet the requirements of the work provided for in this title. Census employees who are transferred to any such temporary positions shall not lose their permanent Civil Service status by reason of the transfer. The Secretary shall make all such temporary appointments in conformity with the Civil Service laws and rules.

(b) In addition to employees of the Department of Commerce, employees of other departments and independent offices of the Government may, with the consent of the head of the respective department or office, be employed and compensated for field work in connection with the work provided for in this title.

S 24. Special agents, supervisors, supervisors' clerks, enumerators, and interpreters; compensation; details

(a) The Secretary may appoint special agents, supervisors, supervisors' clerks, enumerators, and interpreters on a temporary basis to carry out the provisions of this title. Such appointments shall be made without regard to the Civil Service laws or the Classification Act of 1949. The enlisted men and officers of the armed services may be appointed and compensated for the enumeration of personnel of the armed forces.

(b) The special agents, supervisors, supervisors' clerks, enumerators, and interpreters appointed under this section shall receive compensation at rates fixed by the Secretary; and the compensation on a piece-price basis may be fixed without limitation as to the amount earned per diem.

(c) The Secretary may authorize the expenditure of necessary sums for travel expenses for attendance at training courses held by the Department of Commerce with respect to any of the work provided for in this title.

S 25. Duties of supervisors, enumerators, and other employees

(a) Each supervisor shall perform the duties imposed upon him by the Secretary in the enforcement of chapter 5 of this title in accordance with the Secretary's orders and instructions.

(b) Each enumerator or other employee detailed to serve as enumerator shall be charged with the collection in his subdivision of the facts and statistics called for on such schedules as the Secretary determines shall be used by him in connection with any census or survey provided for by chapter 5 of this title.

(c) Each enumerator shall visit personally each dwelling house in his subdivision, and each family therein, and each individual living out of a family in any place of abode, and by inquiry made of the head of each family, or of the member thereof deemed most competent and trustworthy, or of such individual living out of a family, shall obtain every item of information and all particulars required for any census or survey

provided for in chapter 5 of this title. In case no person is found at the usual place of abode of such family, or individual living out of a family, competent to answer the inquiries, the census employee may obtain the required information as nearly as may be practicable from the families or persons living nearest to such place of abode who may be competent to answer such inquiries.

S 26. Transportation by contract

The Secretary may contract with field employees for the rental and use within the continental limits of the United States of means of transportation, other than motorcycle, automobile, or airplane, and for the rental and use outside of the continental United States or any means of transportation, which means may be owned by the field employee. Such rental contracts shall be made without regard to section 4 of the Travel Expense Act of 1949, as amended (5 U.S.C. 837). The rentals shall be at rates equivalent to the prevailing rental rates of the locality. The rental contracts within the continental United States may be entered into only when the use by the field employee of such other means of transportation is safer, more economical, or more advantageous to the Government than use of his motorcycle, automobile, or airplane in conducting the census.

Chapter 5--Censuses

SUBCHAPTER II--POPULATION, HOUSING, AGRICULTURE, IRRIGATION, DRAINAGE, AND UNEMPLOYMENT

S 141. Population, unemployment, and housing

(a) The Secretary shall, in the year 1960 and every ten years thereafter, take a census of population, unemployment, and housing (including utilities and equipment) as of the first day of April, which shall be known as the census date.

(b) The tabulation of total population by States as required for the apportionment of Representatives shall be completed within eight months of the census date and reported by the Secretary to the President of the United States.

SUBCHAPTER V--GEOGRAPHIC SCOPE, PRELIMINARY AND SUPPLEMENTAL STATISTICS, AND USE OF SAMPLING

S 191. Geographic scope of censuses

(a) Each of the censuses authorized by this chapter (other than censuses of population) shall include each State, the District of Columbia, Alaska, Hawaii, the Virgin Islands, Guam, and the Commonwealth of Puerto Rico, and as may be determined by the Secretary, such other possessions and areas over which the United States exercises jurisdiction, control, or sovereignty. Censuses of population shall include all geographic areas referred to in the preceding sentence. Inclusion of other areas over which the United States exercises jurisdiction or control shall be subject to the concurrence of the Secretary of State.

(b) For censuses taken in the Virgin Islands, Guam, or any possession or area not specifically designated in (a) above, the Secretary may utilize or adopt census data collected by the Governor or highest ranking Federal official, when such data are obtained in accordance with plans prescribed or approved by the Secretary.

S 193. Preliminary and supplemental statistics

In advance of, in conjunction with, or after the taking of each census provided for by this chapter, the Secretary may make surveys and collect such preliminary and supplementary statistics related to the main topic of the census as are necessary to the initiation, taking, or completion thereof.

S 195. Use of sampling

Except for the determination of population for apportionment purposes, the Secretary may, where he deems it appropriate, authorize the use of the statistical method known as "sampling" in carrying out the provisions of this title.

Chapter 7--Offenses and Penalties

SUBCHAPTER I--OFFICERS AND EMPLOYEES

S 214. Wrongful disclosure of information

Whoever, being an employee referred to in subchapter II of chapter 1 of this title, having taken and subscribed the oath of office, publishes or communicates, without the written authority of the Secretary or other authorized officer or employee of the Department of Commerce or bureau or agency thereof, any information coming into his possession by reason of his employment under the provisions of this title, shall be fined not more than \$1,000 or imprisoned not more than two years, or both.

SUBCHAPTER II--OTHER PERSONS

S 221. Refusal or neglect to answer questions: false answers

(a) Whoever, being over eighteen years of age, refuses or willfully neglects, when requested by the Secretary,

or by any other authorized officer or employee of the Department of Commerce or bureau or agency thereof acting under the instructions of the Secretary or authorized officer, to answer, to the best of his knowledge, any of the questions on any schedule submitted to him in connection with any census or survey provided for by subchapters I, II, IV, and V of chapter 5 of this title, applying to himself or to the family to which he belongs or is related, or to the farm or farms of which he or his family is the occupant, shall be fined not more than \$100 or imprisoned not more than sixty days, or both.

(b) Whoever, when answering questions described in subsection (a) of this section, and under the conditions or circumstances described in such subsection, willfully gives any answer that is false, shall be fined not more than \$500 or imprisoned not more than one year, or both.

S 223. Refusal, by owners, proprietors, etc., to assist census employees

Whoever, being the owner, proprietor, manager, superintendent, or agent of any hotel, apartment house, boarding or lodging house, tenement, or other building, refuses or willfully neglects, when requested by the Secretary or by any other officer or employee of the Department of Commerce or bureau or agency thereof, acting under the instructions of the Secretary, to furnish the names of the occupants of such premises, or to give free ingress thereto and egress therefrom to any duly accredited representative of such Department or bureau or agency thereof, so as to permit the collection of statistics with respect to any census provided for in subchapters I and II of chapter 5 of this title, or any survey authorized by subchapter IV or V of such chapter insofar as such survey relates to any of the subjects for which censuses are provided by such subchapters I and II, including, when relevant to the census or survey being taken or made, the proper and correct enumeration of all persons having their usual place of abode in such premises, shall be fined not more than \$500.

Appendix B. The Pretests

Yonkers

The first major pretest for the 1960 censuses was conducted in March and April 1957 in connection with a special census of Yonkers, N.Y. One objective was to test the cost and effectiveness of three versions of a two-visit approach. Another objective was to try out the use of a FOSDIC¹ document in connection with both self-enumeration and enumeration by enumerators. A large number of FOSDIC schedules filled under field conditions were thereby collected for use in testing with the microfilm-FOSDIC-computer system. The Yonkers census also included certain new concepts and questions, e.g., the concept of quasi-dwelling units and a question on address of place of work.

Two schedules were used. Schedule A included a selected list of population and housing items which were asked on a 100-percent basis. Schedule B included a longer list of population and housing items which were asked on a 25-percent sample household basis. Schedule A was designed to be filled by direct enumeration, schedule B by self-enumeration (although in one procedure schedule B was filled by direct interview).

Three enumeration procedures were used. Under procedure I, emphasis was on quick initial enumeration of persons. All persons in the entire enumeration district were enumerated on April 1 and 2, and both schedule A and schedule B were partially completed at this time. About April 8, each enumerator canvassed a new district to complete the schedules which were partially filled out by the previous enumerator (schedule A for all households and schedule B for the sample households).

Under procedure II, the enumerator began his canvass about March 18. He filled out schedule A completely for residents at each household, and left a schedule B at every fourth household to be filled in by the respondent. Beginning April 1, the enumerator visited all dwelling units in a different enumeration district (ED) from the one he originally canvassed and picked up the schedule B.

In procedure III, the enumerator started his canvass April 1. He completed schedule A for each person at the household and left schedule B in every fourth household to be filled in by the respondent. This canvass took about 1 week to complete. Starting April 8, enumerators revisited the sample households to pick up the B schedule.

As a result of the experience in Yonkers, it was learned that enumerators can handle FOSDIC schedules in the field but that respondents themselves had considerable difficulty or reluctance to fill out the FOSDIC schedule designed for this test. The particular two-visit versions tested proved to be quite expensive because such a large proportion of the population was not at home when the enumerator called. The results of the question on address of place of work were not altogether satisfactory.

One of the procedures tried in Yonkers, and later partially incorporated into the decennial census procedure, was an independent listing of dwelling units by crew leaders against which the enumerator's work was finally checked. This showed promise of improving coverage. The schedules from the test provided valuable material for evaluating and debugging the FOSDIC equipment.

Indianapolis

In connection with a special census in Indianapolis in October 1957, several procedures were devised to check and improve the completeness of coverage. One postal zone was selected and tested with the various approaches.

When an enumerator interviewed a household, he prepared a card giving the name of the household head and the street address. These cards were turned over to the letter carriers, who sorted them into the boxes in which they regularly arranged letters, and who reported the boxes for which there were no cards; these were possible missed households, and the addresses were sent to the field for verification. (The Bureau withheld 2 percent of the enumerators' cards to test the letter carriers.)

A prelisting procedure similar to that used in the Yonkers pretest was used in this same postal zone; the addresses listed by the enumerator were checked against a list prepared by the crew leader prior to enumeration. Again possible omissions were checked in the field.

A third device was use of lists of old-age assistance beneficiaries, juvenile delinquents, and other persons who it was thought might have tenuous connections with established families or who might be expected to live in low income families. These lists were obtained from the city and were checked.

The Bureau also distributed forms through the public school system, asking the school children to have the parents fill the forms.

Two of the measures tested, the check by the post office of addresses enumerated in the census and the independent listing of addresses by crew leaders, appeared to yield substantial improvement in coverage over and above the application of usual census procedures. On the basis of these tests it was estimated that the post office check would add 1.7 percent to the housing units listed and 1.4 percent to the population, and that the check against the crew leaders' independent listing would add 1.9 percent to the housing units listed and 1.4 percent to the population. These overlapped to a great extent so the net increase in population listed was about 2 percent.

¹ Film Optical Sensing Device for Input to Computers.

The other checks were somewhat less productive in revealing persons who had been missed. However, in a supplementary check in 23 ED's in a part of the city where average incomes were considerably lower than in the test zone, the special lists proved quite useful in indicating missed persons.

Philadelphia

The third major pretest, in Philadelphia, October 1957, was not conducted as a part of a special census requested and paid for by a city but as a Census Bureau project. Its primary purpose was to test alternative question wording and arrangements for the labor force questions. Three different schedules were used by three different groups of inexperienced enumerators. The households in the sample were reinterviewed immediately by interviewers who normally worked on the Current Population Survey, to determine which of the alternative forms gave labor force classifications most like those from the Current Population Survey.

Variations of questions relating to date of marriage and location of place of work were also tried. For the place-of-work question, one approach involved the use of a map on which the respondent was asked to indicate location of the place of work. The major zones of Philadelphia were coded, and it was hoped that the enumerators could mark these codes on the schedules.

The results of this test showed that, although there were no significant differences among the three different sets of labor force questions, the new arrangements of the questions would lead to substantial improvements in coverage of reporting of such questions as occupation and industry. The extension of questions on occupation and industry to the last job held by persons not working at the time of the census was successful as reflected in very low "no answer" rates for such persons, and was incorporated into the decennial census.

The techniques for geographic identification of place of work produced a relatively high proportion of unlocatable addresses and inaccurate responses with respect to distinctions between areas within the city. However, distinctions between inside and outside city limits and between counties had lower error rates.

Hartford City

In a small-scale test conducted in conjunction with a special census of Hartford City, Ind., (population 7,911), in November 1957, the device known later as the Advance Census Report was tried. This was a 4-page pamphlet which was mailed to every household in the city prior to the enumeration and which contained some of the questions which were asked in the census. Hartford City residents were requested to fill these forms and hold them for the enumerator's visit in order to help speed up the completion of the census. Among the items included in the Advance Census Report for the pretest were date of birth, place of birth, marital status, education, occupation and industry, value of home, year built, rent, and cost of utilities.

About 40 percent of the households filled the sheet in whole or in part. Observers of the test felt that even those who did not complete the sheet possibly made use of it in preparing themselves for the enumeration. There was no objection to this procedure on the part of respondents, and it seemed to be particularly effective in the question on value of home.

Memphis

A special census conducted for the city of Memphis, Tenn., in January 1958, provided an opportunity to test self-enumeration in a large city with a high proportion of nonwhite residents. The procedure used was to list all dwelling units in advance of the census date and leave at every unit a schedule to be filled and mailed in on the census date. Some 500 persons were hired and trained for the listing job.

This procedure had been followed in Columbus, Ohio, and Lansing, Mich., during the 1950 censuses. It was tested again in Memphis to determine whether some of the problems that were encountered in 1950 could be overcome by improvements in the procedures.

Approximately 80 percent of the schedules were received in the office by mail within the first 5 days and by the end of the census period 91 percent had been mailed in. All the schedules were edited in the office and callbacks were made by telephone or by personal interview to complete the items required for the special census--name, age, sex, and race. About 13 percent had to be followed up for one of these items. To test the adequacy of the other information, a sample of 10 percent of the schedules was selected for edit of the other items which included almost all of the proposed questions for the 1960 census. About 80 percent had to be followed up by telephone or field visit in order to complete this information. It was possible to do this followup operation by telephone for about 55 percent of the cases; this proved to be a fast and efficient operation as conducted from the office.

The self-enumeration device was then evaluated in terms of cost and quality. The quality was measured by direct interview of a 1-percent sample of households in Memphis conducted by trained Current Population Survey interviewers who checked the labor force items and the coverage of population within households. A second 1-percent sample was checked to measure completeness of coverage of dwelling units.

Another feature of the Memphis test was the city-wide application of the "post office check" procedure that had been tested on a limited basis in the Indianapolis special census.

Part of the Memphis test called for the listing of all visitors in private households to carry out the feature of accounting for every person present in the city on the census date. Individual Census Reports were transcribed in the short-form edit process for visitors shown on these listings with local addresses for usual place of residence. These Individual Census Reports, together with local address Individual Census Reports collected from institutions and transient places, were matched against schedules collected for the address of usual residence and added to census coverage if persons had not been reported previously. This combination of a de facto and a de jure approach, with transients enumerated where they were staying and then allocated back to their home addresses, was adopted as a feature of the 1960 population census.

Another technique for improvement of coverage of both housing units and population was tested as a followup of the Memphis pretest. This technique, usually referred to as a "predecessor-successor coverage check," was designed for use as a quality check rather than as part of the enumeration, and was later made a part of the census evaluation program (see chapter 10). The evaluation program enumerator asked about the living quarters immediately preceding or following the unit being enumerated, by asking whether there were

living quarters above or below, to the right or left, in back or in front of the unit enumerated. From the Memphis test it was concluded that this was a potentially useful device for evaluating the census coverage of housing units.

A conclusion from the Memphis test was that although important potential gains might be achieved by the use of self-enumeration in a census, the particular approach followed in this pretest involved problems in obtaining large amounts of office space in the field and also extensive steps for centralized control of field procedures that were not sufficiently well developed for use in the 1960 censuses. Experience was gained on the use of FOSDIC and on various related methods and procedures.

Lynchburg

In order to provide a more stringent test of the use of Advance Census Reports, a special census was undertaken in Lynchburg, Va., in February 1958. In this case, a complete sample schedule was filled for 20 percent of the households; for the other 80 percent a schedule was used which approximated the content of the 100-percent schedule for 1960 as far as it had been determined at that time. In Lynchburg, the Post Office distributed Advance Census Reports to one-half of the households. The sheet contained questions on date of birth, education, occupation, industry, income, veteran status, and housing questions on condition, year built, method of heating, type of fuel, number of bathrooms, tenure, value, rent, and cost of utilities and fuel. A timekeeping program was instituted to try to determine whether there was any saving in interview time through use of an Advance Census Report. A sample of households was reinterviewed by trained Current Population Survey interviewers and by the crew leaders in order to measure completeness of coverage of population within dwelling units.

The population of Lynchburg was very cooperative in furnishing information to the enumerators, but just over one-fifth of those to whom the Post Office delivered the Advance Census Report made some effort to fill it, and there was no evidence of a saving in time in those households.

In addition to testing the advance questionnaire, the Lynchburg pretest provided experience with the use of Individual Census Reports for callbacks, and with the listing of visitors, a household sample, and new wording of some questions.

In May 1958, a group of specially trained enumerators rechecked a sample so that an evaluation could be made of the accuracy of the original responses for selected housing items.

Dallas

A pretest in Dallas, Tex., in March 1958, was primarily to test the relative feasibility of alternative question forms. In this experiment, two small samples of households were interviewed, using two different schedules, in order to (1) make a further test of the employment status questions, (2) try alternative methods of obtaining information on income and place of work, (3) test the response rate on a 5-year versus a 1-year migration question, and (4) try the feasibility of several questions on housing equipment items, for instance, type of heating, presence of air conditioning, etc.

The results of this pretest gave further evidence that the use of a map for coding place of work during the enumeration is not successful. The evidence of the Dallas test together with that from Philadelphia and Yonkers suggested that the only type of inquiry on this

item which has a sufficiently satisfactory response rate is one which confines the questions to "inside" and "outside" city or county limits.

Martinsburg

A test was conducted in Martinsburg, W. Va., in October 1958, primarily to evaluate which of three alternative population and housing schedules could be used most effectively in the field. The content was the same on all schedules, and the questions were the same as those used in the 1960 censuses except for modifications in wording and the addition in 1960 of a question on mother tongue of foreign born, and deletion, except in New York State, of a citizenship question.

Very little difference was found in the effectiveness of the different schedules. Actually, enumerator variability was of more significance than differences in the enumerative procedures being tested or the forms on which the census data were recorded.

While the enumerators demonstrated that they could handle and complete enumeration on any of the documents provided, it seemed highly desirable to simplify the schedules and reduce their overall dimensions, which was done for the decennial census.

Estimates of time per household in Martinsburg were 6 to 8 minutes for the households where only 100-percent items were asked and 25 minutes for sample households.

The Martinsburg pretest also involved the use of Advance Census Reports, with more encouraging results than in the Lynchburg pretest.

Coming as late as the Martinsburg test did in the pretest program, a number of the training materials for the decennial census, such as filmstrips, the enumerator's reference manual, and training guides were available for training the enumerators. Numerous revisions in the training material resulted. Also, specifications for the mechanical editing, and for allocation of persons and housing units for which no response had been obtained for a particular questionnaire item, were tested for many items, as were alternative methods of coding and of microfilming and other procedures for data processing.

North Carolina

Catawba and Rutherford Counties in North Carolina were the site of the last of the series of tests of 1960 census procedures to measure unit times and costs, and to provide further evaluation of the wording of the questions, the design of the forms, the willingness of householders to fill out the questionnaires, and the ability of locally recruited enumerators to mark the FOSDIC schedules properly both as a transcription operation and in direct interviewing. Hickory, a city of 14,755 in 1950, was headquarters for the pretest workers.

These counties, with a population of approximately 110,000, were chosen as an area providing an acceptable mixture of urban-rural population, average schooling, and representative racial distribution. It was considered that newspapers and radio stations in the area could provide adequate channels for public information on the census.

This particular test was to evaluate a number of administrative aspects of the field procedures, such as training, inspection, and quality control by the crew leaders, and the time phasing of the various operations.

The pretest also offered a last opportunity to check on the basic census procedures and content: (1) the effectiveness of Post Office distribution of Advance Census Reports to households and the willingness of persons to fill in a few items of information prior to the visit of the enumerator; (2) the problems of enumerators in understanding and following the sequence of procedures for canvassing, transcription, and sample selection; (3) the amount of followup required to obtain acceptable information when sample questionnaires were not returned by mail or were incomplete or inconsistent in some respect; and (4) the need for modification in wording in the questionnaires, especially the forms filled by householders.

Advance Census Reports covering the 100-percent questions were distributed to all households by the Post Office before the enumerators began their rounds.

Enumeration was in two stages. During stage I, beginning February 20, enumerators called on each household and obtained answers to the 100-percent questions either by transcription from the Advance Census Report, or, if it had not been filled in by the householder, by direct questioning. These data were entered on FOSDIC schedules. Enumerators also indicated on the FOSDIC schedule which households were in the sample. Each sample household was given a special questionnaire containing the sample questions, and was requested to fill in the answers and mail the form to the census office.

Stage II, beginning March 11, was accomplished by approximately one-third of the enumerators and crew leaders who worked on stage I. Additional training for the second stage was provided. Enumerators were given a list of all units designated as sample units and were responsible for completing enumeration of these households. Data from the completed questionnaires mailed in by householders were transcribed to FOSDIC schedules. Information for households which did not mail in schedules was obtained by telephone call or visit to the address.

On the basis of a systematic program for observing and evaluating the results, the following conclusions were made:

1. The separation of the enumeration into two stages represented a workable improvement of census field procedure

2. Given reasonable information in advance, the public cooperated in recording the basic facts about themselves and their dwellings as of the census date. The Advance Census Report had been filled out in the majority of cases. Sample households also cooperated extensively by providing in a mailed return the needed additional detail on education, migration, employment, income, and facilities and appliances in their homes, and other subjects. About 75 percent of the sample questionnaires were sent in, and about 20 percent of those that were sent in required no further followup

3. The wording of the questions seemed clear for the most part, but more help needed to be given to householders for finding their way through the questionnaire without doing more work than was required

4. The field review and office quality control procedures seemed to be effective in catching early errors and misunderstanding of instructions and thus correcting erroneous procedures and identifying personnel who ought to be retrained or replaced

From the office in Hickory, the schedules were sent to the Census Operations Office in Jeffersonville where they were coded and microfilmed, thus testing the processing steps planned for the same material in 1960. FOSDIC reading and transcription of the microfilmed data onto tape for the computer, and tabulation on the 1105 computer, completed the testing.

After the North Carolina full-scale test, a limited test of minor modifications in the format and wording of the questionnaires was conducted. In 800 households located in 10 regional headquarters cities, copies of the household questionnaires were distributed to householders with an envelope for transmittal of their completed questionnaires. Two variants of the form were tested for certain questions. One provided for questions to be answered only if they were appropriate (for example, "If you live in a trailer, is it: mobile?--on a permanent foundation?--"). The other provided a check box and required action by the respondent on each item (for example, "If you do not live in a trailer, check here--and continue with next question. If you do live in a trailer, is it: mobile?--on a permanent foundation?--"), together with an instruction in the transmittal that he was to make some mark for each question.

Appendix C. Principal Conferences and Meetings on the 1960 Census Program

Conferences of Census Users

In 1955 and 1956, the Bureau conducted meetings with census users in several major cities of the United States in order to learn of their experience with data from preceding censuses and to obtain recommendations regarding the 1960 population and housing censuses. Meetings were held in Albany, N.Y., Atlanta, Ga., Baltimore, Md., Boston, Mass., Chicago, Ill., Cleveland, Ohio, Detroit, Mich., Los Angeles, Calif., New York City, N.Y., Philadelphia, Pa., St. Louis, Mo., San Francisco, Calif., and Seattle, Wash. Most of these meetings were sponsored by the local chapters of the American Statistical Association and the American Marketing Association and by Chambers of Commerce and other local groups.

The Bureau of the Census presented to the participants at the meetings a statement on the principal questions seen at that time concerning the censuses. A great amount of work was done by the local participants in advance of many of these meetings. Written suggestions were solicited before some of the meetings, and in some areas special task forces were organized that reviewed the various proposals and formulated specific recommendations.

The opinions expressed on most questions varied widely, depending on the particular local problems of the regions and on the interests and experiences of the various organizations and participants. There was general agreement that the number of questions asked in the census should be as small as possible, consistent with obtaining the most necessary data, and that only widely useful information should be collected, and that it should be made available as soon as possible after the census. There was also virtually complete agreement that more statistics should be provided for small areas.

Advisory Committees

In the fall of 1956, the Bureau began organizing a number of advisory groups so that it could draw directly upon the advice and assistance of a large number of organizations, agencies, and individuals from the very first stages of the development of the census program. In addition, some permanent advisory committees to the Bureau included the decennial census program among the topics they considered during the period of its planning and execution.

The principal advisory groups for the 1960 censuses are mentioned below: The members listed served during all or an appreciable portion of the period during which the group met. The agency affiliation shown is that of the member during most of the meetings.

Technical Advisory Committee for the 1960 Population Census.-- This group consisted of 20 individuals selected on the basis of their technical competence and ex-

perience. It was concerned with the detailed technical problems of the population census, especially from the point of view of their effect on subsequent analysis of the data. The group met 18 times between late 1956 and the end of 1961.

Dates of meetings

1st, Dec. 1956
2nd, May 1957
3rd, June 1957
4th, Oct. 1957
5th, Dec. 1957
6th, Feb. 1958
7th, May 1958
8th, Aug. 1958
9th, Jan. 1959

Dates of meetings

10th, Mar. 1959
11th, May 1959
12th, Nov. 1959
13th, Jan. 1960
14th, Oct. 1960
15th, Mar. 1961
16th, June 1961
17th, Oct. 1961
18th, Dec. 1961

List of members

Philip M. Hauser, Chairman, University of Chicago
Donald J. Bogue, University of Chicago
Dorothy S. Brady, University of Pennsylvania
John D. Durand, United Nations
John K. Folger, Southern Regional Education Board
Martin R. Gainsbrugh, National Industrial Conference Board
Maurice I. Gershenson, California Department of Industrial Relations
Harold Goldstein, U.S. Bureau of Labor Statistics
Robert D. Grove, National Office of Vital Statistics
Margaret Jarman Hagood, U.S. Department of Agriculture
Peter Henle, American Federation of Labor and Congress of Industrial Organizations
William Hodgkinson, Jr., American Telephone and Telegraph Company
Stanley Lebergott, U.S. Bureau of the Budget
Frank W. Notestein, Princeton University
Gladys L. Palmer, University of Pennsylvania
Charles B. Reeder, E. I. duPont de Nemours & Company
Calvin F. Schmid, University of Washington
Mortimer Spiegelman, Metropolitan Life Insurance Company
Dorothy Swaine Thomas, University of Pennsylvania
P. K. Whelpton, Scripps Foundation for Research in Population Problems

Advisory Committee for the 1960 Housing Census.-- This group consisted of 22 individuals selected on the basis of their technical competence and experience. It was concerned with the detailed technical problems of the housing census, especially from the point of view of their effect on subsequent analysis of the data. It met for the first time in May 1957.

Dates of meetings

1st, May 1957
2nd, July 1957
3rd, Oct. 1957
4th, Nov. 1957
5th, Jan. 1958

Dates of meetings

6th, May 1958
7th, Nov. 1958
8th, May 1959
9th, Oct. 1960

List of members

Miles Colean, Chairman
Glenn H. Beyer, Vice Chairman, Cornell University
L. Durward Badgley, Mutual Life Insurance Company
Charles Blessing, Director of City Planning, Detroit
J.R. Dunkerley, American Bankers Association
Edward E. Edwards, Indiana University
Ernest M. Fisher, Columbia University
Arthur S. Goldman, House and Home
Catherine Martini, National Association of Real Estate Boards
Davis McEntire, University of California
Martin Meyerson, American Council to Improve Our Neighborhoods
Hugh Miels, Jr., National Association of Housing and Re-development Officials
Anthony J. Nesti, National Electrical Manufacturers Association
Daniel Parson, American Gas Association
Nathaniel H. Rogg, National Association of Home Builders
Bert Seidman, American Federation of Labor and Congress of Industrial Organizations
William H. Shaw, E. I. duPont de Nemours & Company
William J. Shickler, American Federation of Labor and Congress of Industrial Organizations
William Slayton, Webb & Knapp, Inc.
James F. Steiner, Chamber of Commerce of the United States
Robert C. Weaver, State Rent Administrator, New York
Coleman Woodbury, University of California

Technical Advisory Committee on Residential Finance.-- This group held its first meeting October 1958 and met several times before the beginning of the enumeration of the Survey of Residential Finance. It consisted of 13 persons, and dealt with detailed technical problems of the Survey of Residential Finance, particularly those relating to scope and content of the survey.

Dates of meetings

1st, Oct. 1958
2nd, Nov. 1958
3rd, Jan. 1959
4th, July 1959

Dates of meetings

5th, Aug. 1959
6th, Dec. 1959
7th, Jan. 1960

List of members

L. Durward Badgley, Chairman, Mutual Life Insurance Company of New York
Carl A. S. Coan, Research Director, Subcommittee on Housing, Senate Committee on Banking and Currency
Robert C. Colwell, Council of Economic Advisers
Edward T. Crowder, Office of Statistical Standards, Bureau of the Budget
Mason C. Doan, Federal Housing Administration
Edward E. Edwards, Indiana University
Ernest M. Fisher, Columbia University
Jack Guttentag, Federal Reserve Bank of New York
Saul Klamman, National Association of Mutual Savings Banks
Dave Lowery, Housing and Home Finance Agency
James J. O'Leary, Life Insurance Association of America
Charles M. Torrance, Federal Home Loan Bank Board
Ramsey Wood, Federal Reserve System

American Statistical Association, Census Advisory Committee.-- Since 1919, the Census Advisory Committee has been a standing committee of the American Statistical Association for the purpose of advising the Director of the Bureau on program and policy. It usually meets for 2 days twice a year. For the Eighteenth Decennial Census, it was concerned with the various phases of that program throughout the census period. In addition, some of its members also served on other census advisory committees.

Dates of meetings dealing with 18th Decennial Census

Jan. 1956	Apr. 1959
June 1956	Nov. 1959
Oct. 1956	Mar. 1960
May 1957	Nov. 1960
Dec. 1957	June 1961
May 1958	Oct. 1961
Oct. 1958	

List of members

William H. Shaw, Chairman, 1961. E. I. duPont de Nemours & Company
Robert J. Eggert, Chairman, 1958-1960. Ford Motor Company
Frederick F. Stephan, Chairman, 1956-1957. Princeton University
Murray R. Benedict, University of California
John W. Boatwright, Standard Oil Company of Indiana
Joseph S. Davis, Stanford University
Leonard A. Drake, Chamber of Commerce of Greater Philadelphia
Lester R. Frankel, Audits and Surveys Co., Inc.
Howard Whipple Green, Howard Whipple Green & Associates
Arnold J. King, National Analysts, Inc.
Kenneth E. Miller, University of Missouri
Geoffrey H. Moore, National Bureau of Economic Research, Inc.
J. E. Morton, National Science Foundation
C. B. Ratchford, North Carolina State College
Lazare Teper, International Ladies' Garment Workers' Union
Ralph J. Watkins, Brookings Institution
Frank J. Welch, University of Kentucky
P. K. Whelpton, Scripps Foundation for Research in Population Problems

American Marketing Association, Census Advisory Committee.-- The Census Advisory Committee of the American Marketing Association is a standing committee of the Association. In 1955, it began to study the preliminary plans for the decennial census, and it gave increasing attention to the census at successive meetings. The Committee met twice a year through 1958, and annually thereafter.

Dates of meetings dealing with 18th Decennial Census

Feb. 1957	Dec. 1958
Dec. 1957	Oct. 1959
Mar. 1958	Dec. 1960

List of members

Howard L. Stier, Chairman, National Cannery Association
Ira D. Anderson, Northwestern University
Dorris D. Brown, Mutual Federation of Cooperatives
John B. Butler, International Business Machines Corporation

Warren N. Cordell, A. C. Nielsen Company
B. E. Estes, United States Steel Corporation
William H. Finigan, National Cash Register Company
Albert B. Fisher, Jr., D. Kaltman & Co., Inc.
Stanley Frame, National Biscuit Company
Charles S. Goodman, University of Pennsylvania
A. W. Harding, General Mills, Inc.
Albert Haring, Indiana University
Victor Hawkins, Capper Publications, Inc.
Edwin R. Hodge, Jr., University of Toledo
Nathaniel R. Kidder, Jack & Heintz, Inc.
G. W. Nelson, Jr., United States Steel Corporation
L. M. Randall, Jr., J. L. Hudson Company
Thomas A. Staudt, Michigan State University
Frank Strohkarck, Curtis Publishing Company

Council of Population and Housing Census Users.--
This group consisted of representatives of professional and public organizations whose membership includes many users of decennial census data. These organizations named their representatives to the council. The group met four times, once each year from 1956 to 1959, and focused its attention on broad policy matters concerned with the censuses.

<u>Dates of meetings</u>	<u>Dates of meetings</u>
1st, Oct. 1956	3rd, Apr. 1958
2nd, Dec. 1957	4th, Dec. 1959

List of members

Ralph J. Watkins, Chairman, Brookings Institution
Fred C. Akers, American Marketing Association
Richard W. Allerton, National Association of Radio and Television Broadcasters
Calvin L. Beale, Rural Sociological Society
Hugo Bourdeau, National Council on Family Relations
Warren Bragg, American Newspaper Publishers Association
Francis R. Cawley, Magazine Publishers Association
Guy W. Chamberlin, Producers' Council
Ira Cisin, American Association for Public Opinion Research
Henry Cohen, American Society of Planning Officials
Morris Cohen, National Industrial Conference Board
Miles Colean, Mortgage Bankers Association of America
Robert C. Cook, American Genetics Association; Population Reference Bureau
Bryce Curry, National Savings and Loan League
Edward P. Decher, American Public Works Association
Charles G. Dobbins, American Council on Education
Ann Draper, American Federation of Labor and Congress of Industrial Organizations
Walter H. Ebling, American Farm Economic Association
Albert S. Epstein, International Association of Machinists
Carl Feiss, American Planning and Civic Association
William C. Giglio, National Business Publications, Inc.
Raymond W. Goldsmith, American Economic Association
Leo Goodman, United Automobile, Aircraft and Agricultural Workers of America
Tavia Gordon, American Public Health Association
Walter J. Greenleaf, American Personnel and Guidance Association
Coleman R. Griffith, American Council on Education
G. Grigsby, National Housing Conference
William Haenszel, American Public Health Association
George Hagedorn, National Association of Manufacturers
E. T. Hall, Jr., American Anthropological Association
Elmer M. Harmon, American Bankers Association
Manuel Helzner, National Planning Association
Peter Henle, American Federation of Labor and Congress of Industrial Organizations
Byron T. Hipple, Jr., American Public Welfare Association

Morton Hoffman, National Association of Housing and Re-development Officials
Virginia T. Holran, Institute of Life Insurance
Howard V. Hoover, American Society of Association Executives
Victor Hornbostel, National Education Association
Homer Hoyt, American Institute of Real Estate Appraisers
Floyd I. Hudson, Association of State and Territorial Health Officers
Arthur Jette, United Community Funds and Councils of America
Reginald A. Johnson, National Urban League
S. Edwin Kazdin, American Institute of Real Estate Appraisers
Lewis O. Kerwood, Mortgage Bankers Association of America
Dudley Kirk, American Sociological Society
Henry W. Klaser, Association of Statisticians of American Religious Bodies
Tjalling C. Koopmans, Econometric Society
Clarence D. Long, Industrial Relations Research Association
Donald B. Loveland, American Public Health Association
Royce L. Lowry, Federal Statistics Users' Conference
A. T. Lundberg, International City Managers' Association
Paul Meier, Institute of Mathematical Statistics
Martin Meyerson, American Institute of Planners
Hugh Miels, Jr., National Association of Housing and Re-development Officials
Esther M. Moore, United Community Funds and Councils of America
Chandler Morse, American Economic Association
Raymond E. Murphy, Association of American Geographers
Robert R. Nathan, Federal Statistics Users' Conference
Mary K. Nenno, National Association of Housing and Re-development Officials
Anthony J. Nesti, American Society of Association Executives
Carl F. Oeschle, U.S. Department of Commerce
Edward B. Olds, National Association of Social Workers
Elma Phillipson, National Social Welfare Assembly
Edward V. Pope, National Council on Family Relations
Daniel O. Price, Population Association of America
Vergil D. Reed, American Association of Advertising Agencies
Stuart A. Rice, American Statistical Association
C. E. Rightor, United States Conference of Mayors
Nathaniel H. Rogg, National Association of Home Builders
Richard Ruggles, Econometric Society
Richard E. Saunders, Associated Business Publications
Deane Seeger, American Municipal Association
Keith L. Seegmiller, National Association of County Officials
Carroll L. Shartle, American Personnel and Guidance Association
Mary Elizabeth Shaw, American Library Association
John Warder Shotwell, Chamber of Commerce of the United States
Myron S. Silbert, American Retail Federation
John A. Skipton, Council of State Governments
Stephen G. Slipper, United States Savings and Loan League
Mortimer Spiegelman, Society of Actuaries
James F. Steiner, Chamber of Commerce of the United States
Charles Stewart, National Association of Real Estate Boards
Nettie B. Taylor, American Library Association
Barbara Terrett, American Council to Improve our Neighborhoods
Lorin A. Thompson, Associated University Bureaus of Business and Economic Research
William Warntz, American Geographical Society
Max H. Wehrly, Urban Land Institute
William L. C. Wheaton, National Housing Conference
George Winslow, American Bankers Association
Carey Winston, Mortgage Bankers Association of America

Federal Agency Population and Housing Census Council.-- This group was established by the Bureau of the Budget to provide a channel whereby Federal agency users of the census data could be kept informed systematically on developments relating to the censuses and could make their needs known in planning for the censuses. More than 30 Federal agencies which make considerable use of decennial census data designated official representatives. Meetings were held as necessary; close liaison was also maintained through all stages of the program by distribution to the members of proposed schedules, draft table outlines, etc., for their review.

Dates of meetings

1st, Aug. 1956
2nd, Feb. 1957
3rd, Mar. 1957
4th, Apr. 1957
5th, July 1957
6th, Nov. 1957

Dates of meetings

7th, Jan. 1958
8th, Mar. 1958
9th, May 1958
10th, Apr. 1959
11th, Sept. 1959
12th, Jan. 1960

List of members

(Membership in the Council was by agency. The different persons representing their agencies at several meetings are shown below.)

Bureau of the Budget

Peyton Stapp, Chairman of the Council
Margaret E. Martin, Secretary of the Council
Donald J. Bogue
Raymond T. Bowman
Paul F. Krueger
Gladys L. Palmer

Bureau of the Census

Gertrude Bancroft
Howard G. Brunsman
Robert W. Burgess
Wayne F. Daugherty
Paul C. Glick
Robert B. Pearl
Henry D. Sheldon
Henry S. Shryock, Jr.
Conrad Taeuber

Agricultural Marketing Service

Earl E. Houseman

Bureau of Apprenticeship

John S. McCauley

Bureau of Employment Security

Vladimir D. Chavrid
Gabriel Cherin

Bureau of Labor Standards

Helen S. Corcoran

Bureau of Labor Statistics

Robert B. Steffes
Marvin Wilkerson

Bureau of Public Roads

Roy T. Messer

Business and Defense Services Administration

Thomas E. Murphy

Council of Economic Advisers

Robert C. Colwell

Department of Commerce, Office of Area Development

Murray D. Dessel

Department of the Interior

Irving A. Sirken

Department of the Treasury

R. Duane Saunders

Federal Civil Defense Administration

Robert W. Stokley

Federal Home Loan Bank Board

Charles M. Torrance

Federal Housing Administration

Paul F. Coe
Mason C. Doan

Federal Reserve System

Ramsey Wood
Edward Kalachek
Murray Wernick

Housing and Home Finance Agency

E. Everett Ashley, III

Immigration and Naturalization Service

Helen F. Eckerson

National Science Foundation

J. E. Morton
J. Perlman
E. Rattner
Robert Cain
Z. Bronson

Office of Business Economics

L. J. Atkinson

Office of Defense Mobilization

Wayne G. Althaus
John W. Mitchell

Office of Education

Herbert S. Conrad
Marie D. Wann

Office of Vocational Rehabilitation

Jean Roberts

Post Office Department

Otis E. Lancaster

Public Health Service

Halbert L. Dunn
Deward E. Waggoner

Public Housing Administration

Lawrence N. Bloomberg
Gordon M. Murray

Selective Service System

Kenneth H. McGill
Lester T. Reynolds

Social Security Administration

Lenore A. Epstein

Urban Renewal Administration

John W. Innes

Veterans Administration

Milton C. Forster

Women's Bureau

Jean S. Campbell
Mildred S. Barber

Population Association of America, 1960 Census Committee.--In July 1956, the Population Association of America established a committee of six members to consider the technical aspects of the 1960 population census program. The Committee provided advice and recommendations both formally through a number of task forces it established to consider certain subjects--e.g., migration, fertility and nuptiality, journey to work--and informally by making available subject-matter experts for consultation with Bureau staff members. The efforts of this Committee, which continued over virtually the entire census period, until May 1962, emphasized the definition of concepts and the development of detailed tabulation and publication plans. The work of the Committee was financed by a grant from the Population Council, Inc.

List of members

Otis Dudley Duncan, Co-chairman
Philip M. Hauser, Co-chairman
Ronald Freedman
Frank W. Notestein
Daniel O. Price
Dorothy Swaine Thomas

Work Group on Accuracy and Reliability of Basic Demographic Data

Ansley J. Coale, Chairman

Work Group on Census Areas and Residential Categories

Amos H. Hawley, Chairman

Work Group on 1960 Migration Statistics

Dorothy Swaine Thomas, Co-chairman
Robert G. Burnight, Co-chairman

Work Group on Fertility and Nuptiality Statistics

Clyde V. Kiser, Chairman

Work Group on Race and Color Classifications, Ethnicity, and Nativity

Daniel O. Price, Chairman

Work Group on Means of Transportation and Place of Work

Albert J. Mayer, Chairman

Work Group on Proposed Census Inquiries on Religion

Dudley Kirk, Chairman

Work Group on Socio-Economic Status Measurement

Peter H. Rossi, Chairman

Population Association of America, Committee on Population Statistics.--This committee was constituted in 1962 as a successor to the 1960 Census Committee, to have a broader scope. A Subcommittee on the Evaluation of the 1960 Census held its first meeting January 4, 1963, in Washington.

List of members

Ronald Freedman, Chairman
Donald J. Bogue
Robert G. Burnight
Ansley J. Coale
Jack P. Gibbs
Everett S. Lee
George Stolnitz

Panel of Statistical Consultants.--The Panel of Statistical Consultants, a small group consisting of recognized mathematical statisticians, was constituted in January 1955 to advise the Bureau on statistical problems. It gave most of its attention to sampling and estimation aspects of the census procedures. It met 2 days at a time as necessary, from one to three times a year.

Dates of meetings

1st, Jan. 1955
2nd, Apr. 1955
3rd, Nov. 1955
4th, Mar. 1956
5th, May 1956
6th, Mar. 1957
7th, June 1957
8th, Sept. 1957

Dates of meetings

9th, May 1958
10th, Sept. 1958
11th, Sept. 1959
12th, Feb. 1960
13th, Oct. 1960
14th, Mar. 1961
15th, Nov. 1961

List of members

W. G. Cochran
H. O. Hartley
N. Keyfitz
G. F. Kimball
W. G. Madow
Frederick F. Stephan

Special Meetings and Conferences

A great many *ad hoc* groups and special meetings were convened to consider special phases of the censuses. They ranged from formal conferences to informal meetings of Bureau staff with representatives of another agency or agencies. Among the larger meetings was the National Conference on Housing Census, February 1956, which was jointly sponsored by the American Municipal Association, the American Society of Planning Officials, and the Na-

tional Association of Housing and Redevelopment Officials, and which was attended by representatives of 18 private organizations and 12 Federal agencies. In November 1955 and November 1957, members of the staff of the Dominion Bureau of Statistics of Canada and the Bureau of the Census met as a Committee for Joint Study of Selected Census Problems Common to the United States and Canada. In 1957, several meetings were held of a joint committee of the Housing and Home Finance Agency and

the Bureau of the Census to consider plans for the 1960 Census of Housing. In February 1959, there was a Conference on Evaluation of the 1960 Censuses which was an augmentation of the Panel of Statistical Consultants. In November 1959, there was a meeting of a Special Advisory Committee on Congressional District Data which devoted considerable attention to plans for the Eighteenth Decennial Census.

Appendix D. Key Personnel

The Eighteenth Decennial Census involved the work of more than 170,000 persons engaged in thousands of different activities. The work was planned, developed, integrated, and supervised by a relatively small number who had the major responsibility for the various operations.

This list is a directory of the key personnel of the Bureau who carried major responsibility during the census period and who can furnish information on their respective spheres of activities. Taken together, the persons listed here should be able to reconstruct all phases of the work on the 1960 Census of Population and Housing.

The names of the members of the advisory committees whose knowledge and advice on taking the Eighteenth Decennial Census were made available to the Bureau are given in appendix C, "Principal Conferences and Meetings on the 1960 Census Program."

The presentation in the list below is by organizational unit. Where personnel changed during the operation,

the dates of their service (during the census period) are included. Some persons who transferred from one part of the organization to another are listed more than once. A description of the organization of the Bureau and the functions of the various divisions and offices of the Bureau which were concerned with the 1960 census program is given in chapter 1 of Part I.

It is usually possible to obtain a very general idea of a particular person's principal functions in the work on the 1960 censuses from the information given in the list, i.e., the organizational unit in which he worked, his job title, and, if he was not in the position during the entire census period, the date he entered or left the position. However, in a great many cases, groups of persons from different offices or divisions worked together as a team on a particular phase of the work, and in a great many other cases the division of labor for a particular project was made on the basis of the availability of personnel, time, and specialized knowledge rather than on the basis of the formal organization of the Bureau. Most of the people listed below were involved in many other census activities besides those indicated by their positions in the organization and their titles.

Office of the Director

Richard M. Scammon, Director from May 1961
Robert W. Burgess, Director to Mar. 1961
Paul R. Squires, Special Assistant, Jan. 1959-Aug. 1960
Patrick R. Eckman, Consultant, Nov. 1959-Apr. 1960

A. Ross Eckler, Deputy Director
Conrad Taeuber, Assistant Director for Demographic Fields

Herman P. Miller, Special Assistant from Jan. 1960
Glen S. Taylor, Special Assistant, Aug. 1961-Feb. 1962
Lowell T. Galt, Special Assistant, Oct. 1960-Aug. 1961
Robert F. Drury, Special Assistant, Nov. 1957-July 1958
Jack B. Robertson, Special Assistant, deceased Nov. 1957

Morris H. Hansen, Assistant Director for Research and Development

Joseph F. Daly, Chief Mathematical Statistician
Harold T. Goldstein, Industrial Classification Coordinator
James L. McPherson, Machine Development Officer
Harold Nisselson, Mathematical Statistician for Special Research Studies, to Mar. 1963
Loring Wood, Special Adviser on Response Research, deceased Sept. 1961

Charles B. Lawrence, Jr., Assistant Director for Operations from Dec. 1960
C. F. Van Aken, Special Assistant from Sept. 1961

Lowell T. Galt, Assistant Director for Operations to Aug. 1960

Walter L. Kehres, Assistant Director for Administration
J. R. Sungenis, Special Assistant from Nov. 1961
Thomas F. Corcoran, Special Assistant for Administration and Emergency Planning Officer
M. Douglas Fahey, Special Assistant, Aug. 1960-Dec. 1961

Office of the Director—Continued

Calvert L. Dedrick, Chief, International Statistical Programs Office
John Baker, Public Information Officer from Feb. 1963
A. W. von Struve, Public Information Officer, deceased Nov. 1962

Administrative Service Division

Everett H. Burke, Chief
Robert Makoff, Special Assistant from Nov. 1961

Administrative Office

Donald E. Kahler, Administrative Officer

Graphics Branch

Robert H. Brooks, Chief
John F. Lanham, Assistant Chief

Planning and Control Section

Charles E. Slaugh, Chief
Viola Lee Rydberg, Printing and Publications Specialist

Copy Preparation Section

Gladys T. Ulrich, Chief

Microfilm Laboratory Section

Lorena M. Grim, Chief

Library Branch

Louise H. Clickner, Chief
Dorothy W. Kaufman, Assistant Chief

Office Services Branch

Donald J. Seidenspinner, Chief
Francis T. Coradetti, Assistant Chief

Property Records Section

Daniel J. Cunningham, Chief from July 1960

Communications Section

Clifton E. Addicks, Chief from Feb. 1962
George W. Dickens, Chief to Jan. 1962

Travel and Miscellaneous Services Section

Ethel B. Trunnell, Chief

Personal Property Management Branch

Robert C. Long, Chief
Robert J. Shea, Assistant Chief from June 1959
Sidney Landsman, General Supply Officer from June 1960

Equipment and Supply Section

Russell H. Coder, Chief

Real Property Management Branch

Warren L. Schriver, Chief
Robert E. Wright, Assistant Chief

Records Management Branch

Raymond J. Koski, Chief from July 1962
Morris M. Ramsburg, Chief to Mar. 1962

Records Systems and Disposition Management Section

Merrill A. Haskell, Chief from Sept. 1962;
Management Analyst to Sept. 1962
Margery C. Flood, Chief to Mar. 1962
Charles E. Brinkley, Management Analyst

Forms Management and Development Section

Gladys S. Potts, Chief

Budget and Management Division

Charles H. Alexander, Chief
Brinley J. Lewis, Assistant Chief, May-Oct. 1961
William I. Merkin, Assistant Chief to Oct. 1960
Robert A. Kennedy, Special Assistant for Progress Reporting
Alfred E. Morris, Management Analyst for Progress Reporting to Oct. 1961
Crien H. Schemering, Administrative Assistant for Progress Reporting

Budget Branch

William E. Stiver, Chief from Mar. 1960; Assistant Chief to Mar. 1960
Brinley J. Lewis, Chief to Mar. 1960
George W. Wiger, Analyst (18th Decennial Census Budget) from Oct. 1962
E. M. Tubbs, Analyst (18th Decennial Census Budget) to Oct. 1962

Finance Branch

James G. Eakin, Chief
Walter R. Everett, Assistant Chief to Nov. 1961
Dorothy Dews, Systems Accountant to July 1961
Hazel Loeffler, Payroll Systems Analyst
William Prentice, Systems Accountant from July 1961; Chief, Cost Section, to July 1961
Thelma Staats, Chief, Control Accounts Section

Internal Audit Branch

James R. Cole, Chief
Walter R. Everett, Assistant Chief from Nov. 1961
Robert E. McNellis, Auditor

Management Branch

J. R. Sungenis, Chief to Nov. 1961

Production Methods and Standards Section

Francis J. Boucher, Chief
Wayne B. Davis, Production Standards Analyst
David Primack, Production Standards Analyst
Ivadell A. Holland, Management Analyst
Robert Gibbons, Management Analyst
Jerome Poschel, Management Analyst
David C. Koch, Management Analyst
Raphael B. Goodman, Management Analyst
F. Dale Ferrar, Management Analyst

Data Processing Systems Division

(Established Sept. 1961 by combining the former Electronic Systems Division and Machine Tab. Div.)

Robert F. Drury, Chief
M. Douglas Fahey, Assistant Chief for Administration from Dec. 1961
Rudolph M. Micoly, Assistant Chief for Operations from Dec. 1961
Dorothy P. Armstrong, Assistant Chief for Systems and Programming from Dec. 1961

Components of former Electronic Systems Division:

Robert F. Drury, Chief

Engineering Branch

Edgar D. Morgan, Chief to June 1961
William M. Gaines, Acting Chief from June 1961; Chief Technician to June 1961
McRae Anderson, Electronic Engineer
Ralph E. Mullendore, Electronic Engineer
Ruel P. Edrington, Electronic Engineer
Robert P. Stephens, Electronic Engineer

Operations Branch

Rudolph M. Micoly, Chief to Dec. 1961
James W. Shores, Operations Supervisor
Michael J. Bartolomeo, Administrative Officer
Joseph A. Bell, Digital Computer Systems Supervisor
Leonard D. McGann, Digital Computer Systems Supervisor
Jesse J. Verdeja, Digital Computer Systems Supervisor
William R. Buettner, Supervisory Computer Production Controller
Denver C. Pitts, Supervisory Computer Production Controller
Bill R. Edsel, Supervisory Computer Production Controller
Matthew V. Golas, Computer Production Controller
Paul W. Greenwell, Computer Production Controller

Programing Branch

Dorothy P. Armstrong, Chief to Dec. 1961
 C. Hing Lee, Supervisory Programmer
 Betty S. Mitchell, Supervisory Programmer
 Wayne E. Youtz, Supervisory Programmer, from Apr. 1960 (see also Demographic Operations Division)
 Richard A. Hornseth, Supervisory Digital Computer Programmer, from July 1962 (see also Decennial Operations Division)
 Howard R. Fletcher, Digital Computer Programmer
 Elizabeth T. North, Supervisory Computer Processing Specialist
 Leo Solomon, Supervisory Digital Computer Programmer
 Masey Volk, FOSDIC Applications Officer from June 1961 (see also Demographic Operations Division)
 Henry A. Betzer, Supervisory FOSDIC Analyst

Training Branch

William Jack Stormer, Chief
 Loran H. Carr, Education Specialist

Components of former Machine Tabulation Division:

Carlyle F. Van Aken, Chief (see also under Assistant Director for Operations)
 Henry A. Bloom, Assistant Chief for Operations
 Anthony A. Berlinsky, Assistant Chief for Development
 Joseph F. Pewterbaugh, Coordinator, Population and Housing Census Operations

Techniques and Procedures Branch

Don L. Coffey, Chief
 Howard T. Jenkins, Project Planner (Population and Housing Censuses), to Mar. 1961
 Charles McColloch, Project Planner (Survey of Residential Finance)
 Edward F. Walker, Project Planner (Survey of Residential Finance)
 Mary D. Brady, Project Planner (Survey of Residential Finance)
 Emil W. Furlong, Project Planner
 Olga R. Forcione, Project Planner (Accounts and Payroll)
 Odessa M. Shannon, Training Officer
 Evelyn G. Jett, Project Planner (Puerto Rico Population and Housing Censuses, and Survey of Residential Finance)
 John A. Beall, Jr., Project Planner (Puerto Rico)
 Marian R. Eugene, Project Planner (Puerto Rico)
 Emil Gorgovits, Project Planner (Outlying Areas)

Current Programs Branch

Dorothy L. Brown, Chief (Tabulating Operations)
 Simon Yablon, Operations Officer
 Joseph M. Wiesinger, Production Supervisor
 Charlotte J. Messinese, Production Supervisor (Puerto Rico)
 Emma Gass, Production Manager, Decennial Censuses
 Clara Sargent, Chief, Jeffersonville Processing Operations
 Vincent H. Greer, Chief, Survey of Residential Finance Operations

Machine Development Laboratories

Anthony A. Berlinsky, Chief
 Gordon Pearson, Chief, Mechanical Laboratory
 Harold Holderness, Assistant Chief, Mechanical Laboratory
 Lynn Huffman, Chief, Electrical Laboratory
 Martin Brennan, Assistant Chief, Electrical Laboratory

Machine Development Laboratories—Continued

Robert Varson, Chief of Technical Development
 Robert Kee, Chief Electrical Engineer
 Lester Wilkerson, Chief of Production

Demographic Operations Division

(Established July 1958 as Decennial Operations Division; made a permanent division of the Bureau with present name, June 1962)

Morton A. Meyer, Chief from Aug. 1961; Assistant Chief, Feb. 1960-July 1961; Staff Assistant to the Division Chief, June 1959-Feb. 1960; Chief, Computer Programming Branch, to June 1959
 Glen S. Taylor, Chief to June 1961
 Patience Lauriat, Staff Assistant for Special Investigation and Research from May 1960; Subject-Matter Specialist, Computer Programming Branch, to May 1960
 Sigmund Schor, Special Assistant, Jan.-Oct. 1962 (see also under Population Division)
 John C. Beresford, Staff Assistant for Population (assigned from Population Division), Mar. 1961-Feb. 1962
 William E. Grubbs, Staff Assistant for Housing (assigned from Housing Division), Apr. 1961-Nov. 1962

Administrative Management Branch

Robert P. Linton, Chief from May 1961; Assistant Chief for Production Scheduling and Progress Reporting to May 1961
 John P. Eberle, Chief to May 1961
 Leo T. Clark, Administrative Officer, Personnel and General Services, to Feb. 1961
 Russell R. Clements, Fiscal Officer

Computer Programming Branch

Richard A. Hornseth, Chief, June 1959-July 1962; Assistant Chief to June 1959 (see also Data Processing Systems Division)
 Richard J. Rice, Assistant Chief, June 1959-Mar. 1962

Programing Section

Denver K. Ingram, Chief Programmer, Housing Census, to Oct. 1962
 Bernadette H. Marlow, Programmer, Housing Census, to Oct. 1962; Population Census Vols. II and III, from Oct. 1962
 Betty S. Mitchell, Chief Programmer, Publication Tables (assigned from Electronic Systems Division) Jan. 1960-Mar. 1961
 Willard P. Hess, Chief Programmer, Publication Tables, Mar. 1961-Oct. 1962; Assistant Chief Programmer, Publication Tables, to Feb. 1961
 William Buell, Programmer, Publication Tables, Mar. 1961-June 1962; Population Census Vols. II and III, from June 1962
 Catherine M. Neafsey, Chief Programmer, Population Census Sample Programs; Population Census Vols. II and III, from July 1962
 Leo Solomon, Assistant Chief Programmer, Population Census Sample Programs, to July 1962
 George E. Turner, Chief Programmer, Survey of Components of Change and Residential Finance, to Dec. 1962; Population Census Vols. II and III, from Dec. 1962
 Morton Somer, Assistant Chief Programmer, Survey of Components of Change and Residential Finance, to Aug. 1961
 Margaret P. Brooks, Programmer, Population Census: General Social and Economic Characteristics, to Nov. 1961; Vols. II and III, from Dec. 1961

Programing Section—Continued

Alfonso F. Episcopo, Programmer, Population Census: General Social and Economic Characteristics, to June 1961; Vols. II and III, from July 1961

Tom A. Silberman, Programmer, Population Census: Detailed Characteristics, to Jan. 1962; Vols. II and III, from Jan. 1962

Anthony B. Woodell, Programmer, Population Census: General Social and Economic Characteristics, to July 1961; Vols. II and III, from Aug. 1961

Processing Control and Reconciliation Section

James R. Pepal, Chief from Oct. 1962; Assistant Chief, Mar.-Oct. 1962; Chief, Chapel Hill Computer Processing, to Mar. 1962

Sheldon A. Rubin, Chief, Apr. 1960-Oct. 1962

Wayne Youtz, Chief to Apr. 1960 (see also Data Processing Systems Division)

William R. Buettner, Assistant Chief to Mar. 1962

Richard H. Farmer, Chief, Routing, Records, and Control, to Aug. 1962

Edward J. James, Chief, Diary Review, June 1959-Sept. 1961

William J. Wade, Specialist, Technical Services and Control, from Oct. 1961; Assistant Chief, Diary Review, to Oct. 1961

William W. Biggs, Chief, Washington Computer Processing, from Oct. 1962; Assistant Chief, Dec. 1960-Oct. 1962

William Taylor, Chief, Washington Computer Processing, to Feb. 1962

John J. Wodek, Chief, Chicago Computer Processing

Methods, Procedures, and Quality Control Branch

E. Richard Bourdon, Chief from July 1961

Morton Boisen, Chief to Mar. 1960

Statistical Procedures Section

Morris Gorinson, Chief to Jan. 1962

Florence F. Wright, Assistant Chief, Census Coding and Editing Procedures, to Oct. 1961

Mary P. Ivins, Census Coding and Editing Procedures, to Apr. 1960

Paul L. Roney, Assistant Chief, Supplemental Census Processing Procedures, to July 1960

Edward J. James, Supplemental Census Processing Procedures, to June 1959

Noah Sherman, Machine Tabulation Procedures (Puerto Rico tabulating procedures, Dec. 1959-Dec. 1961; Survey of Components of Change and Residential Finance tabulating procedures, to Nov. 1959)

Rafael A. Nieves, Puerto Rico Processing Procedures and Organization, to Apr. 1960

William W. Perry, Census Coding and Editing Procedures, to Apr. 1962

Methods Section

Masey Volk, Chief to June 1961

Ernest Greenwald, Assistant Chief to Nov. 1961

Henry N. Betzer, Methods Research Analyst to Jan. 1962

John G. Whittaker, FOSDIC Programing, to Jan. 1961

Orville M. Slye, Coordinator for Survey of Components of Change and Residential Finance from Apr. 1960

Methods Section—Continued

Sheldon A. Rubin, Coordinator for Survey of Components of Change and Residential Finance to Apr. 1960

Quality Control Section

Herman Fasteau, Acting Chief (assigned from Statistical Methods Division) to May 1961

George Minton, Acting Assistant Chief (assigned from Statistical Methods Division) to May 1961

Special Programs Branch

Jervis Braunstein, Chief, Aug. 1960-Dec. 1961 (Computer Programing Coordinator for SCARF to Dec. 1961)

Puerto Rico Decennial Operations Office (Apr. 1960-Sept. 1961)

Rafael A. Nieves, Chief

Philip Cook, Chief, Tabulation Section

Diogenes Serrano, Chief, Coding Operations and Editing

Yolanda Smith, Chief, Final Results and Reconciliation, from Aug. 1960; Technical Assistant, Editing and Coding Operations, to Aug. 1960

Jorge Dario Ortiz, Chief, Industry and Occupation Editing and Coding Operations

Sarah Hayman, Administrative Officer from Dec. 1960

Ismael Velez, Administrative Officer to Dec. 1960

Jeffersonville Decennial Operations Branch

E. Richard Bourdon, Chief to July 1961

Bernard M. Kinney, Acting Chief from July 1961; Assistant Chief to July 1961

Administrative Section

Jordan E. Horne, Administrative Officer

Personnel and General Services Unit

Lee G. Cary, Chief to Apr. 1961

Harold B. Garwood, Assistant Chief

Progress Reports and Analysis Unit

Maurice E. Schweinhart, Chief to Sept. 1961

James R. Lott, Assistant Chief

Methods, Procedures, and Quality Control Section

Philip Garelick, Chief to Apr. 1961

Ruth H. Mills, Assistant Chief (assigned from Statistical Methods Division) to Apr. 1961

Receipt and Distribution Section

C. W. Kemp, Chief

Receipt Unit

Francis D. Carr, Jr., Acting Chief

Files and Schedules Distribution Unit

George D. Baker, Chief

Breaker Sheet Preparation Unit

Melva Smith, Chief from Sept. 1960

Vernon J. Hill, Chief to Sept. 1960

Microfilming Section

Herschel B. Windell, Chief

Microfilming Unit

Florence Sciple, Chief, Day Shift
Richard A. Smith, Chief, Night Shift

Breaker Sheet Verification Unit

Theresa M. Horne, Chief

Coding and Editing SectionGeneral Coding Unit

Ruby Huffman, Chief
Frances Schaffstein, Supervisory Operations Assistant, May-Oct. 1960
Elizabeth Larmon, Principal Professional Assistant (assigned from Population Division)

Industry and Occupation Coding Unit

Gladys M. L. Dodd, Chief (assigned from Population Division) from May 1960
Helen M. Baker, Statistical Assistant
Hettie E. Owens, Principal Professional Assistant (assigned from Population Division)

Result Work Section

Mary P. Ivins, Chief

Special Projects Unit

Virginia Powell, Acting Chief from May 1960
Lillian M. Davidson, Chief to May 1960

Diary Review Unit

Marie D. Kimmel, Chief

Compilation Unit

Gertrude Stark, Acting Chief

SCARF Unit

Frances Schaffstein, Chief to May 1960
Lillian M. Davidson, Acting Chief, May 1960-May 1961
Inez Combs, Acting Chief from May 1961

Block Statistics Unit

Virginia Powell, Chief

Field Division

Jefferson D. McPike, Chief from July 1960; Assistant Chief (Administration) to July 1960
Robert B. Voight, Chief to July 1960
Ivan G. Munro, Assistant Chief (Programs)
Walter A. Freeman, Jr., Survey Statistician (General) to Mar. 1961
Genevieve D. Welsh, Training Instructor
Paul R. Squires, Assistant Chief (Administration) from July 1960
Hugh S. Duffey, Special Assistant to July 1960

Management Office

Robert N. Scheller, Administrative Officer
Robert L. Rountree, Assistant Administrative Officer from Dec. 1960; General Supply Officer to Dec. 1960
Elmer J. Halle, Supervisory Budget Analyst
Norma K. Felicetti, Budget Analyst
Josephine B. Lusby, Personnel Assistant from Sept. 1959

Demographic Program Branch

George K. Klink, Chief
G. Paul Sylvestre, Survey Statistician (General), to Apr. 1961
Guy W. Warner, Survey Statistician (General), to Oct. 1962

Economics Branch

G. Paul Sylvestre, Chief from Nov. 1962
Peter M. Cavas, Chief to Nov. 1962

Field Inspection Branch

Milton D. Swenson, Chief to Jan. 1961
Harry C. O'Haver, Jr., Administrative Officer to Jan. 1961

Methods Research Branch

Jack Silver, Chief
Dean Weber, Supervisory Mathematical Statistician
William T. Rabin, Survey Statistician (General)
David A. Koons, Mathematical Statistician to Jan. 1962

Training--Chief Instructors, Feb.-Mar. 1960

John S. Aird (assigned from Foreign Manpower Research Office)
John Albright (assigned from Business Division)
Charles W. Baker (assigned from Personnel Division)
Calvin L. Beale (assigned from Agricultural Marketing Service, Department of Agriculture)
John C. Beresford (assigned from Population Division)
Tobia Bressler (assigned from Population Division)
John C. Brown (assigned from Business Division)
Peter M. Cavas (Field Division)
Edward M. Cook (assigned from Personnel Division)
Arthur L. Cook (assigned from Office of Civil and Defense Mobilization)
John P. Eberle (assigned from Decennial Operations Division)
Marvin Gordon (assigned from Geography Division)
Stanley Greene (assigned from Population Division)
Benjamin Gura (assigned from International Statistical Programs Office)
George E. Hall (assigned from Housing Division)
Dorothy S. Hayden (assigned from Population Division)
John J. Hickey (assigned from Personnel Division)
Denis F. Johnston (assigned from Population Division)
Walter N. Jowers (assigned from Machine Tabulation Division)
Thomas C. Kerlin (assigned from Geography Division)
Frank S. Kristof (assigned from Housing Division)
Edward Latimer (assigned from Jeffersonville Operations Office)
Fred A. Leedy (assigned from Foreign Manpower Research Division)
Daniel B. Levine (assigned from Demographic Surveys Division)
Albert C. Maltz (assigned from Personnel Division)
Lawrence A. Marzetti (assigned from International Statistical Programs Office)

Training—Chief Instructors, Feb.-Mar. 1960—Con.

J. J. Maslowski (assigned from International Statistical Programs Office)
 Cecil B. Matthews (assigned from Personnel Division)
 Charles Merzel (assigned from Construction Statistics Division)
 Selma Monsky (assigned from National Opinion Research Center, University of Chicago)
 Edith D. Rainboth (Seattle, Washington)
 Naomi D. Rothwell (assigned from Housing Division)
 Ruth Searles (Institute for Research in Social Science, University of North Carolina)
 Odessa M. Shannon (assigned from Machine Tabulation Division)
 William J. Stormer (assigned from Electronic Systems Division)
 G. Paul Sylvestre (Field Division)
 Helen Teir (assigned from Agriculture Division)
 James E. Vawter (assigned from Personnel Division)
 Genevieve D. Welsh (Field Division)

Regional Offices:Atlanta, Ga.

Thomas W. McWhirter, Director
 Rex L. Pullin, Supervisory Survey Statistician to July 1962

Boston, Mass.

James W. Turbitt, Director
 Rex L. Pullin, Assistant Director from Dec. 1962
 Joseph F. Downey, Assistant Director to Dec. 1962

Charlotte, N.C.

Joseph R. Norwood, Director
 Ralph E. Percy, Survey Statistician

Chicago, Ill.

Theodore F. Olson, Director
 James E. Gwartney, Assistant Director

Cincinnati, Ohio

Robert A. Yerkey, Director to Aug. 1961
 Joe D. Kolb, Survey Statistician to Aug. 1961

Dallas, Texas

Percy R. Millard, Director from Sept. 1962
 James W. Stroud, Director to Aug. 1962
 Horace H. Carroll, Program Supervisor (Population and Housing Census Field Work)

Denver, Colo.

Francis H. Wilmer, Director
 Milton E. Allred, Survey Statistician

Detroit, Mich.

Robert A. Yerkey, Director from Aug. 1961
 John E. Tharaldson, Director to Aug. 1961; Assistant Director from Aug. 1961
 Robert G. Gillespie, Survey Statistician

Kansas City, Kans.

Percy R. Millard, Director to Feb. 1962
 Taylor Golden, Statistical Survey Supervisor to Feb. 1961

Regional Offices:—ContinuedLos Angeles, Calif.

Leonard C. Isley, Director
 Richard F. Martin, Assistant Director
 Charles W. Churchill, Survey Statistician from June 1960

New Orleans, La.

Meredith A. Bass, Director to July 1961
 Homer C. White, Statistical Survey Supervisor to July 1961

New York, N.Y.

Jack W. Traverse, Jr., Director from Feb. 1961
 Arthur F. Young, Director to Feb. 1961
 Jerome Litzky, Supervisory Survey Statistician
 John C. Cullinane, Supervisory Survey Statistician
 Anthony J. Lobritto, Program Supervisor

Philadelphia, Pa.

John G. Gibson, Director
 Edgar L. Bryan, Assistant Director from Aug. 1961
 John J. Rodden, Program Supervisor

Pittsburgh, Pa.

Edgar L. Bryan, Director to Aug. 1961
 Porter S. Rickley, Statistical Survey Supervisor to Aug. 1961

St. Louis, Mo.

Jack W. Traverse, Jr., Director to Feb. 1961
 Taylor Golden, Acting Director from Feb. 1961
 Robert B. Albers, Statistical Survey Supervisor to July 1961

St. Paul, Minn.

Guy A. Lutz, Director
 Percy R. Millard, Assistant Director, Feb.-Sept. 1962
 Robert T. Lacy, Survey Statistician

Seattle, Wash.

Guy E. Rainboth, Director
 Richard J. Mullikin, Assistant Director to Jan. 1963

Hawaii

Charles W. Churchill, Administrative Officer to June 1960

Puerto Rico

Donald F. Rieder, Administrative Assistant to June 1960

Geography Division

William T. Fay, Chief
 Robert L. Hagan, Assistant Chief (Operations)--Jeffersonville
 Robert C. Klove, Assistant Chief (Research and Development)
 George F. Jenks, Consultant-Expert (cartographic planning), June 1960-Dec. 1961
 Thomas C. Kerlin, Geographer (unincorporated place definition)

Cartographic Methods Branch

Alford Archer, Chief to Aug. 1961
 Paul Strickler, Geographer (urbanized area mapping) to Apr. 1961
 George W. Morris, Cartographer (mapping and graphic presentation techniques)

Census Tract Branch

Toshi Toki, Chief

Operations Branch--Washington

Bernard E. Schmuckie, Chief

Statistical Areas Branch

Vincent M. Throop, Chief to June 1961
 Marvin Gordon, Geographer (urbanized area definition) to May 1961

Administrative Office Branch--Jeffersonville

Walter Upton, Administrative Officer

Map Service Section

James Sabatino, Supervisor to June 1960

Operations Branch--Jeffersonville

Edward E. Latimer, Chief

Enumeration Map Section

Ruby I. Brinkley, Chief
 Mary McKeown, Supervisor

Housing Division

Arthur F. Young, Acting Chief from Sept. 1962; Assistant Chief, June-Sept. 1962; Acting Assistant Chief, Jan.-June 1962
 Daniel B. Rathbun, Chief, Oct. 1961-Sept. 1962; Assistant Chief, Feb.-Oct. 1961
 Wayne F. Daugherty, Chief to Oct. 1961
 Frank Kristof, Assistant Chief to Dec. 1960
 Beulah Washabaugh, Special Assistant from Nov. 1960

Coordination and Research Branch

Milton D. Lieberman, Chief to Oct. 1961
 Nathan Krevor, Chief from Dec. 1961; Acting Chief, Oct.-Dec. 1961; Assistant Chief to Oct. 1961
 Naomi D. Rothwell, Statistician, to Apr. 1961
 Matthew J. Rose, Statistician, to Jan. 1963
 Samuel W. Miller, Statistician, to Aug. 1961
 William E. Grubbs, Statistician (detailed to Demographic Operations Division, Apr. 1960)
 Charles H. Hedetniemi, Statistician, to Dec. 1960
 Norman W. McCuen, Statistician, to Mar. 1962
 Leonard J. Norry, Statistician
 Jay L. Zebooker, Statistician, to Nov. 1962

Facilities and Equipment Branch

Alexander C. Findlay, Chief
 Mary E. Barstow, Statistician

Financial Statistics Branch

John M. Suiter, Chief to Jan. 1961
 Herbert Shapiro, Chief from Jan. 1961; Acting Chief, July 1960-Jan. 1961; Assistant Chief to July 1960

Financial Statistics Branch--Continued

Betty E. Kent, Statistician
 Abraham Goldblatt, Statistician, to Aug. 1962
 Robert O. Bartram, Statistician, from July 1960
 Thelma A. Stokes, Statistician, Mar. 1961-Feb. 1963
 William H. Cooper, Statistician, Feb. 1962-Jan. 1963

Occupation and Utilization Statistics Branch

Beulah Washabaugh, Chief to Nov. 1960
 Aaron Josowitz, Chief from Aug. 1961; Acting Chief, Nov. 1960-Aug. 1961; Assistant Chief to Nov. 1960
 Elmo E. Beach, Statistician
 Antonio Ventocilla, Statistician, to Feb. 1962
 Martin W. Gilbert, Statistician, to Jan. 1962

Structural Statistics Branch

Alexander C. Findlay, Acting Chief from Jan. 1963 (see also Facilities and Equipment Branch)
 J. Hugh Rose, Chief to Jan. 1963
 Meyer Zitter, Assistant Chief to Feb. 1962
 Aneda France, Statistician
 Hazel H. Moore, Statistician
 Arthur G. Dukakis, Statistician, from July 1960

International Statistical Programs Office

Calvert L. Dedrick, Chief
 Lawrence A. Marzetti, Assistant Chief; Chief, Consultation Branch, to Dec. 1962
 Benjamin Gura, Special Assistant

Consultation Branch

Siegfried Hoermann, Chief from Dec. 1962

Management and Reference Branch

Henry Lane, Administrative Officer

Training Branch

Dorothy Cooke, Chief from May 1963
 James J. Maslowski, Chief to Apr. 1961
 Abram Millar, Acting Chief, Apr. 1961-Apr. 1963; Training Officer to Apr. 1961
 Charles E. Johnson, Jr., Training Officer
 Helmuth Wieman, Training Officer

Foreign Census Research Branch

Kenneth R. Brimmer, Statistician, from Oct. 1961

Jeffersonville Census Operations Office

Robert D. Krook, Chief

Administrative Service Branch

Leonard Wilhelmus, Chief
 William L. Pangburn, Office Services Manager and Shipment Coordinator, and, from July 1961, Purchasing Agent
 Frank M. McGrath, Supervisor, Decennial Materials Assembly, to Apr. 1960
 Thomas P. Martin, Purchasing Agent to June 1961
 Fred W. Guynn, Warehouse Foreman

Publications Distribution Section

Paul Hurst, Supervisor from Sept. 1960

Central Reproduction Section

Gerald Pease, Supervisor

Management and Finance Branch

Wayne B. Davis, Chief from June 1960

Finance and Payroll Section

Hubert A. Smith, Chief

Virginia C. Schrodt, Payroll Supervisor

Production Standards Section

Wayne B. Davis, Chief

Personnel Branch

Aubrey Whittle, Chief

Employee Relations and Training Section

Raymond B. Long, Chief

Placement Section

Mary E. Davison, Chief

Personnel Division

J. Paul Taff, Chief from July 1959

Horace H. Carroll, Chief to June 1959

David L. Futransky, Research Psychologist, and Executive Secretary of the Board of Civil Service Examiners

Employee Relations Branch

Cecil B. Matthews, Chief

Organization and Classification Branch

Samuel O. Maslak, Chief

Eileen Taylor, Position Classification Specialist

Personnel Standards and Development Branch

James E. Vawter, Chief

Albert G. Maltz, Supervisory Employee Development Officer

Charles W. Baker, Employee Development Officer

Edward M. Cook, Employee Development Officer to May 1961

Personnel Utilization Branch

Clyde Long, Chief

Population Division

Howard G. Brunzman, Chief

Henry S. Shryock, Jr., Assistant Chief for Program Development from Apr. 1962; Assistant Chief to Apr. 1962

Elizabeth A. Larmon, Staff Assistant from Dec. 1962 (see also Demographic Statistics Branch)

David L. Kaplan, Assistant Chief for Methods Development from May 1962; Decennial Census Planner to May 1962

John C. Beresford, Staff Assistant from July 1962

Dorothy S. Hayden, Assistant Decennial Census Planner to Oct. 1961

Population Division—Continued

Paul C. Glick, Assistant Chief for Demographic and Social Statistics Programs from May 1962; Chief, Social Statistics Branch, to May 1962

Murray S. Weitzman, Assistant Chief for Economic Statistics Programs from Nov. 1962

Sigmund Schor, Systems Coordinator to Jan. 1962

Lee G. Cary, Administrative Officer from Apr. 1961

James W. Henson, Acting Administrative Officer to Apr. 1961

Glen Shuster, Supervisor of Files

Demographic Statistics Branch

Henry D. Sheldon, Chief

Tobia Bressler, Population Characteristics and Composition, to Sept. 1962 (see Outlying Areas Statistics Branch)

Charles P. Brinkman, Population Distribution

Elizabeth A. Larmon, Decennial Operations Liaison, from June 1960 to Dec. 1962 (see also under Assistant Division Chief for Program Development)

Harald A. Pedersen, Migration Statistics, from Aug. 1962

Gordon F. Sutton, Place-of-Work Statistics (on leave Aug. 1962-June 1963)

Melvin Zelnik, Migration Statistics, to Aug. 1961

Benjamin S. Bradshaw, Population Characteristics

Denis F. Johnston, Population Characteristics and Composition, to Oct. 1961

Dolores Brown, Statistician

Nampco R. McKinney, Statistician

Eddy Mae Redding, Statistician, to Feb. 1962

Social Statistics Branch

(Divided into Family and Fertility Statistics Branch and Education and Social Stratification Statistics Branch, May 1962)

David M. Heer, Marriage and Institutional Population Statistics, to Sept. 1961

Edward G. Stockwell, Statistician, June 1960-Aug. 1961

Family and Fertility Statistics Branch

Wilson H. Grabill, Chief from May 1962

Robert Parke, Jr., Fertility Statistics

Theodore G. Clemence, Statistician, to Aug. 1962

Jayne K. Lowe, Statistician

Mary M. Webb, Statistician, from Dec. 1962

Gilbert R. Felton, Statistician

Education and Social Stratification Statistics Branch

Charles B. Nam, Chief from May 1962

Mary G. Powers, Statistician, from Nov. 1962

Lois F. Ivey, Statistician

Economic Statistics Branch

Stanley Greene, Chief from July 1962

Stuart H. Garfinkle, Chief to Oct. 1961

Labor Force Statistics Section

Stanley Greene, Chief to July 1962

Arthur Podolsky, Statistician, to Nov. 1962

Thomas C. Walsh, Statistician, from Aug. 1960

Occupation and Industry Statistics Section

William J. Milligan, Chief to June 1962

Harold S. Liebling, Occupation Statistics, to Apr. 1962

S. Flory Diehl, Industry Statistics, June 1960-Mar. 1962

Occupation and Industry Statistics Section—Con.

Miles A. Abelson, Industry Statistics
 John A. Priebe, Statistician, from Sept. 1961
 Gladys M. L. Dodd, Occupation and Industry Classification
 Hettie E. Owens, Occupation Classification, deceased Jan. 1962
 Minetta E. Miller, Occupation Classification
 Mildred G. Swarthout, Industry Classification
 Laura S. Biggs, Industry Classification
 Stella Dondero, Industry Classification

Consumer Income and Expenditures Branch

James C. Byrnes, Chief from June 1962
 Selma F. Goldsmith, Chief, deceased Apr. 1962
 Arno I. Winard, Statistician
 William Seltzer, Statistician, from Apr. 1960
 Wayne E. Borden, Statistician, from Dec. 1962
 Robert W. Kinzie, Statistician, to Sept. 1962
 Theodore K. Martin, Statistician, from Nov. 1962

Population Estimates and Projections Branch

Jacob S. Siegel, Chief (on leave Feb. 1962-Feb. 1963)
 Meyer Zitter, Acting Chief, Feb. 1962-Feb. 1963
 Donald S. Akers, Statistician
 Donald E. Starsinic, Statistician
 James N. Ypsilantis, Statistician, to Feb. 1961
 Benjamin Greenberg, Statistician, from May 1962
 Ward Dana Jones, Statistician, from Nov. 1961
 Jerome M. Glynn, Statistician, from July 1962
 Mildred R. Stanback, Chief of Clerical Operations

Outlying Areas Statistics Branch

Tobia Bressler, Chief from Sept. 1962
 Edward P. Swan, Chief to July 1962
 Angel M. Landron, Specialist for Puerto Rico, July 1960-July 1962
 Laura L. Heriot, Specialist for Island Territories
 Carmina Fernandez Young, Consultation on Data-Processing Plans for Puerto Rico, to Apr. 1960 (Assigned from Puerto Rico Planning Board)
 Noelia Herencia, Training Materials for the Field Work in Puerto Rico, to Apr. 1960 (assigned from Puerto Rico Planning Board)

Publications Branch

Mildred M. Russell, Chief
 Leah S. Anderson, Publications Specialist
 Louise L. Douglas, Publications Specialist

Manpower Statistics

Gertrude Bancroft, Chief to Sept. 1959
 Robert B. Pearl, Statistician, to Sept. 1959

Statistical Information Branch

Halcyon K. Hayden, Chief
 Nellie A. Garner, Information Assistant
 Signe H. Rose, Correspondence Unit Supervisor
 Bernadette V. Nyers, Unpublished Data

Public Information Office

John Baker, Public Information Officer, from Feb. 1963
 A. W. von Struve, Public Information Officer, deceased Nov. 1962
 Conrad Shamel, Information Specialist (Field Office Relations)

Public Information Office—Continued

Richard S. Blaisdell, Information Specialist (Housing Programs) to Oct. 1961
 Robert J. Clark, Information Specialist (Agriculture Programs) to June 1960
 Arthur E. Mielke, Information Specialist (Population Programs)
 Katherine Peterson, Information Specialist (General Programs)
 Irma White, Information Specialist (Special Programs)

Statistical Methods Division

Joseph Steinberg, Chief
 Robert H. Hanson, Assistant Chief
 Morton Boisen, Special Assistant from Dec. 1961
 Helen Hall, Administrative Officer
 Donald Ball, Senior Programmer

Survey Design Branch

Walter Perkins, Chief
 Ronald Rex (Coverage Evaluation) from Sept. 1961
 Charles Jones (Coverage Evaluation) from Jan. 1962
 Peter Hurley (Coverage Evaluation and Reverse Record Checks) to Feb. 1962
 Jack Kleinot (Coverage Evaluation) to June 1960
 Basil Korin (Coverage Evaluation) to Sept. 1961
 Milton Coven (Coverage Evaluation) to June 1961
 Margaret Rose (Coverage Evaluation) to Sept. 1961
 Edward Maslansky (Reverse Record Checks) to Dec. 1960

Sample Design Branch

Robert H. Hanson, Acting Chief
 Robert Finch (Survey of Components of Change and Residential Finance)
 Elmore Seraile (Survey of Components of Change and Residential Finance) from June 1961
 Bernie Cornett (Survey of Components of Change and Residential Finance) Apr. 1961-Nov. 1962
 Elaine Davidson (Survey of Components of Change and Residential Finance) to Mar. 1961
 Arnold Sirota (Survey of Components of Change and Residential Finance) to July 1961
 Garrie Losee (Program of Data for Local Housing Authorities) to May 1961
 Irving Sivin (Field Quality Control, and Program of Data for Local Housing Authorities) to Jan. 1961
 Warren Mitofsky (Ratio Estimation and Variances)
 Stanley Edelstein (Ratio Estimation and Variances) from June 1961
 Floyd O'Quinn (Sample Bias Checks)
 Anthony Turner (Survey of Components of Change and Residential Finance) from Feb. 1962

Quality Control Branch

Herman Fasteau, Chief to July 1961
 George Minton, Mathematical Statistician, to July 1961
 Maxwell Jeane, Mathematical Statistician, to Feb. 1961
 Ruth H. Mills, Survey Statistician, to Feb. 1961

Response Error Studies Branch

Marie D. Wann, Chief to Oct. 1962
 Barbara Powell, Acting Chief from Oct. 1962; Mathematical Statistician (Response Variance) to Oct. 1962
 Charlie Jo Jackson (Response Variance) to Dec. 1961
 Muriel Feshbach (Coverage Improvement Studies) to July 1960

Response Error Studies Branch—Continued

Shirley Fairley (Coverage Improvement Studies) to Mar. 1961
 Elaine Davidson (Coverage Improvement Studies) from Mar. 1961
 Kathryn Mullaney (Record Checks) to Mar. 1961
 Eugene Tucker (Record Checks) to July 1961

Procedures and Operations Branch

M. Janet Jaracz (Procedures)
 Helen Eckenfelder (Sampling Systems)
 William Enright (Response Check Procedures)
 Ruth Cargould (Special Enumeration Areas)

Jeffersonville Statistical Methods Branch

Kathern Clay, Acting Chief from Feb. 1962; Sample Bias Study, to Feb. 1962
 Barbara Boyes, Acting Chief to Feb. 1962
 Ronald Kelsey (Special Forms Sampling) to July 1961
 Ruth H. Mills (Evaluation Programs) Feb. 1961-Feb. 1962
 Martha Thomas (Evaluation Programs) from Apr. 1961
 Kathryn Mullaney (Evaluation Programs) from Nov. 1961

Statistical Reports Division

Edwin D. Goldfield, Chief
 William Lerner, Assistant Chief
 Phyllis G. Carter, Census Historian from Feb. 1960
 Mathew E. Erickson, Attorney Adviser
 Elva L. Marquard, Staff Assistant

Presentation Practices Branch

Sheldon M. Klein, Chief
 Geraldine C. Censky, Publications Editor
 Ingrid L. Millison, Publications Editor
 Harry T. Sturgis, Visual Information Officer from June 1960

Technical Reports Branch

Audrey L. Rinehardt (Catalog and Technical Information)
 Bernard J. Marsh (Technical Information and Files)

Statistical Abstract Branch (preparation of data books summarizing census results)

Helen Teir, Chief from Jan. 1962
 Charles S. James, Jr., Chief to Nov. 1961
 O. Halbert Goolsby, to Aug. 1962
 Dorothy M. Belzer
 Alma L. Butler

Statistical Research Division

William N. Hurwitz, Chief
 Max A. Bershad, Assistant Chief
 George Heller, Mathematical Statistician

Operations Research Branch

Harry M. Rosenblatt, Chief from July 1960
 Leon Gilford, Chief to July 1960
 William H. Cook, Mathematical Statistician
 J. Jack Ingram, Mathematical Statistician

Response Research Branch

Leon Pritzker, Chief
 Elizabeth G. Flach, Research Psychologist

Sampling Research Branch

John Roe Goodman, Mathematical Statistician, from Sept. 1960
 Margaret Gurney, Mathematical Statistician
 Thomas B. Jabine, Mathematical Statistician
 Blanche Sirken, Mathematical Statistician

Appendix E. Outline of Principal Activities by Date
1960 Censuses of Population and Housing

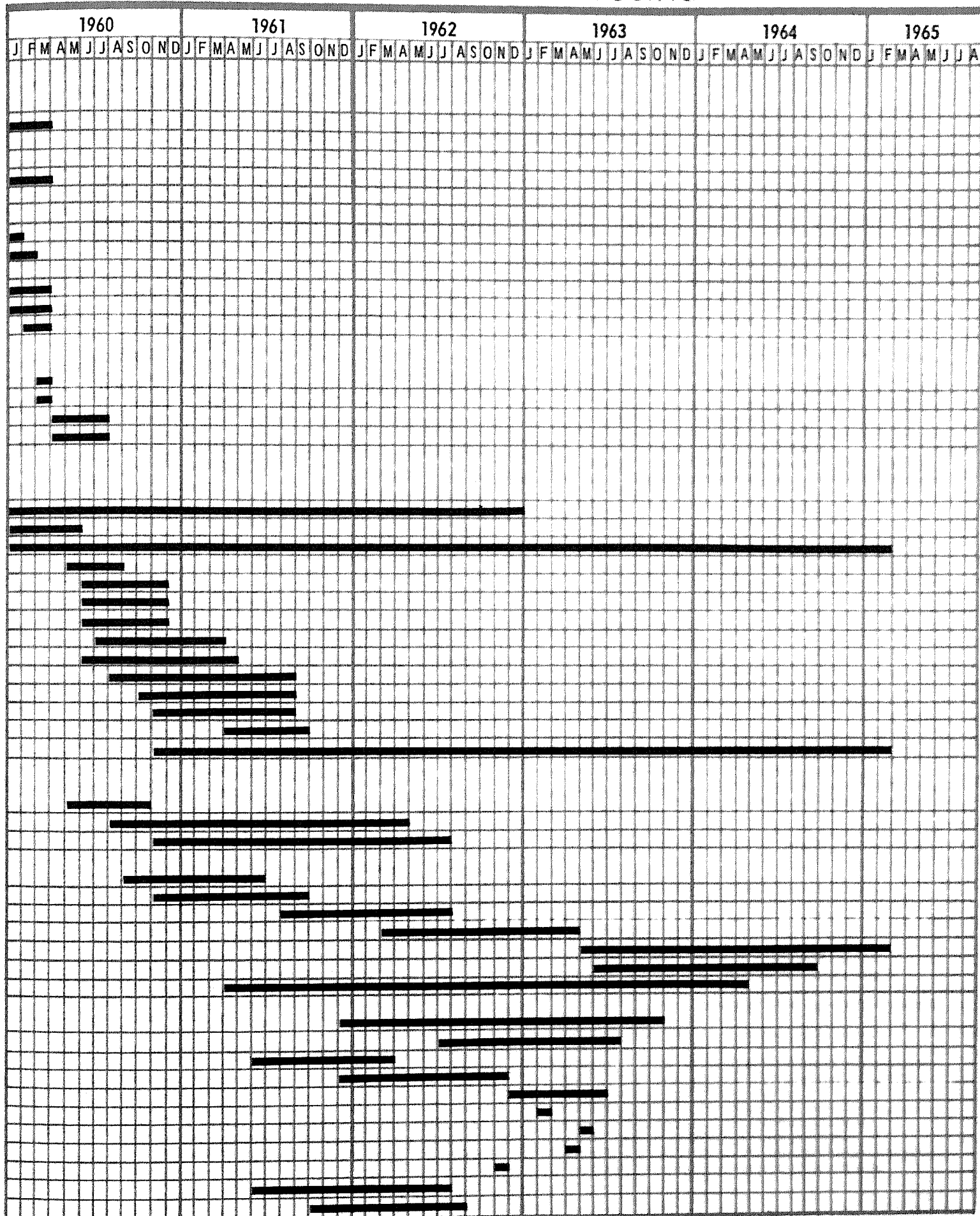
APPENDIX E.

OUTLINE OF PRINCIPAL ACTIVITIES BY DATE:

ACTIVITY	1957												1958												1959													
	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D		
PLANNING AND PREPARATION FOR THE ENUMERATION																																						
Pretests																																						
Publicity and information program																																						
Development of FOSDIC schedules																																						
Preparing specifications for supplies and equipment																																						
Issuing bids, awarding contracts, making purchases																																						
Collection of maps and boundary information																																						
Preparation of office base maps																																						
Delineation, numbering, and listing of ED's																																						
Reproduction of maps for the field																																						
Preparation of training program and materials																																						
Preparation and shipment of kits of material to field.																																						
Recruiting crew leaders and enumerators																																						
Training program (technical)																																						
ENUMERATION																																						
Crew leaders' prelisting.																																						
Distribution of Advance Census Reports by Post Office																																						
Enumerators' canvass																																						
Collection of sample data in two-stage enumeration areas																																						
DATA PROCESSING																																						
Construction of FOSDIC production models.																																						
Recruitment and training of computer programers																																						
FOSDIC programing.																																						
Computer programing																																						
Receipt of enumeration books in Jeffersonville																																						
Microfilming-- 100-percent schedules.																																						
FOSDIC operations-- 100-percent data.																																						
Computer edits, counts, diary review-- 100-percent data																																						
Computer tabulation-- 100-percent data																																						
Coding sample items																																						
Microfilming-- sample schedules																																						
FOSDIC operations-- sample data																																						
Computer edits and diary review-- sample data																																						
Computer weighting operations-- sample data																																						
Computer tabulation-- sample data																																						
ISSUANCE OF PUBLICATIONS																																						
Preliminary reports																																						
Advance population reports																																						
Advance housing reports																																						
Final population reports --																																						
Vol. I, chapter A (57 parts).																																						
Vol. I, chapter B (57 parts).																																						
Vol. I, chapter C (53 parts).																																						
Vol. I, chapter D (53 parts).																																						
Vol. II (23 reports issued ¹)																																						
Vol. III (5 reports)																																						
Supplementary population reports (46 parts)																																						
Final housing reports --																																						
Vol. I (55 parts)																																						
Vol. II (202 parts).																																						
Vol. III (420 parts)																																						
Vol. IV, parts 1A and 1B (36 reports)																																						
Vol. IV, part 2 (10 reports)																																						
Vol. V, part 1 (1 report)																																						
Vol. V, part 2 (1 report).																																						
Vol. VI (1 report)																																						

¹There were 6 more reports in this series in preparation, February 1965.

1960 CENSUSES OF POPULATION AND HOUSING



Appendix F. Steps in Preparing the Publications

The steps involved in the preparation of the publications are presented in the outline below:

1. Steps required once, at beginning of each series of publications:

a. General

Planning series format, e.g., covers, series designation, introductory pages, layout, and organization of the individual publications

b. Tables

Preparation of table outlines (subject matter and areas in boxheads and stubs)
Review of table outlines for processing acceptability
Review of table outlines for Bureau style and publications standards

Planning, charting, and pagination of tables for publication output
Design and preparation of copy of boxheads, stubs, titles, running heads, and headnotes, for the portion of the tables to be preprinted
Printing of tables (those portions preprinted)

Preparation of instructions, including sources, for posting historical data for the tables
Design of worksheets for posting historical data for tables to be produced on high-speed printer
Design of worksheets for posting historical data for tables to be typed manually
Printing of worksheets

Development of computer programs for high-speed printer publication printouts

c. Standard text and introductory pages

Planning and writing
Review for Bureau policy, style, clarity, and consistency of treatment
Preparation of manuscripts for printing
Printing
Holding boilerplate for assemble and production

d. Maps and charts

Determination of outline maps required to show limits and location of geographic areas for which statistics are reported and of statistical maps and graphs to be prepared
Planning of maps and graphs in terms of space available and size and detailed content
Review of plans

2. Steps required for each individual report

a. Tables--typewriter copy

Posting historical data
Typing and proofreading of historical portions of tables; preparation for publication, including insertion of running heads, titles, rules, and page numbers

Tabulation and printout of 1960 data

Clerical review

Critical review of subject-matter content (initial)
Retabulation, printout, and correction, as necessary

Typing and proofreading of 1960 data

Machine check of all data

Correction and proofreading

Critical review of subject-matter content (final)
Review for reproduction presentability

b. Tables--high-speed printer copy

Posting historical data

Putting the historical data on punchcards, transferring the data to computer tape, printout, and checking and correcting

Tabulation of 1960 data, producing publication-table tape for high-speed printer

Clerical review and machine check, as necessary, for control, reproduction presentability, and content

Critical review of subject content

Review of appearance for reproduction

Correction, including reprocessing as required
Completion of high-speed printer tables for publication, including insertion of running heads, column rules, and page numbers, and review of appearance for reproduction

c. Nonstandard text

Planning and writing

Review for Bureau policy, style, clarity, and consistency of treatment

Preparation of manuscripts for printing
Printing

d. Maps and charts

Providing data to cartographers

Detailed design of each outline map, statistical map, and graph, preparing drafting specifications, and review

Drafting of line work, lettering composition and placement, insertion of legends, titles, scale, etc.

Verification and review

Final photographic reproduction for printer
Printing

e. Completed report

Assembly and review of completed report

Microfilming report (to provide office copy)

Printing

Review and approval of printed report for release

3. Continuous services for publications program

Preparation of the production timetables implied in the above steps and estimating publication dates therefrom, and adjusting as required

Establishing priorities, expediting production, coordinating programs, and reporting progress

Periodic review of progress and problems

Review and monitoring of the detailed budget for publications, to anticipate surpluses or deficits

Appendix G. Published Census Reports in Selected Series

1960 CENSUS OF POPULATION--VOLUME I, CHARACTERISTICS OF THE POPULATION

Part No.	State	Date issued	No. of pages	Price	Part No.	State	Date issued	No. of pages	Price
1	U.S. Summary	3-64	1,012	\$6.25	29	Nebraska	10-63	485	\$4.25
2	Alabama	9-63	537	4.50	30	Nevada	7-63	266	3.00
3	Alaska	9-63	278	3.25	31	New Hampshire	10-63	254	3.00
4	Arizona	7-63	368	3.50	32	New Jersey	10-63	730	5.50
5	Arkansas	7-63	439	4.00	33	New Mexico	7-63	347	3.50
6	California	10-63	1,033	6.75	34	New York	11-63	951	6.50
7	Colorado	7-63	423	4.00	35	North Carolina	7-63	578	4.75
8	Connecticut	10-63	468	4.25	36	North Dakota	11-63	355	3.50
9	Delaware	8-63	318	3.25	37	Ohio	10-63	1,017	6.75
10	District of Columbia	8-63	238	2.75	38	Oklahoma	7-63	555	4.50
11	Florida	8-63	726	5.50	39	Oregon	7-63	379	3.75
12	Georgia	8-63	663	5.25	40	Pennsylvania	10-63	1,073	7.00
13	Hawaii	7-63	319	3.25	41	Rhode Island	10-63	297	3.25
14	Idaho	7-63	302	3.25	42	South Carolina	11-63	431	4.00
15	Illinois	10-63	819	6.00	43	South Dakota	9-63	385	3.75
16	Indiana	11-63	597	4.75	44	Tennessee	10-63	644	5.00
17	Iowa	8-63	548	4.50	45	Texas	10-63	1,159	7.25
18	Kansas	10-63	508	4.25	46	Utah	7-63	338	3.50
19	Kentucky	11-63	530	4.50	47	Vermont	10-63	255	3.00
20	Louisiana	7-63	543	4.50	48	Virginia	8-63	611	5.00
21	Maine	10-63	294	3.25	49	Washington	7-63	475	4.25
22	Maryland	10-63	424	4.00	50	West Virginia	10-63	445	4.00
23	Massachusetts	8-63	562	4.75	51	Wisconsin	10-63	530	4.50
24	Michigan	10-63	722	5.50	52	Wyoming	7-63	266	3.00
25	Minnesota	10-63	584	4.75	53	Puerto Rico	2-64	475	4.00
26	Mississippi	9-63	427	4.00	54-57	{ Outlying areas (Virgin Islands, Guam, Am. Samoa, and Canal Zone) }	11-63	221	3.25
27	Missouri	9-63	633	5.00					
28	Montana	7-63	322	3.50					
					Total cost of individual reports.....				\$236.75

1960 CENSUS OF POPULATION: SERIES PC(1)-A, NUMBER OF INHABITANTS

(Preprints of Volume I, Characteristics of the Population)

Report No.	State	Date issued	No. of pages	Price	Report No.	State	Date issued	No. of pages	Price
1	U.S. Summary	6-61	204	\$1.25	30	Nevada	11-60	19	\$.25
2	Alabama	1-61	28	.35	31	New Hampshire	12-60	20	.25
3	Alaska	1-61	19	.25	32	New Jersey	4-61	36	.35
4	Arizona	12-60	19	.25	33	New Mexico	1-61	20	.25
5	Arkansas	3-61	32	.35	34	New York	4-61	48	.45
6	California	4-61	54	.45	35	North Carolina	3-61	35	.40
7	Colorado	3-61	24	.30	36	North Dakota	12-60	31	.35
8	Connecticut	1-61	23	.30	37	Ohio	3-61	52	.45
9	Delaware	12-60	19	.25	38	Oklahoma	3-61	32	.35
10	District of Columbia	2-61	15	.25	39	Oregon	2-61	28	.35
11	Florida	3-61	32	.35	40	Pennsylvania	4-61	58	.50
12	Georgia	3-61	35	.35	41	Rhode Island	3-61	19	.25
13	Hawaii	3-61	19	.25	42	South Carolina	2-61	24	.30
14	Idaho	2-61	28	.30	43	South Dakota	12-60	32	.35
15	Illinois	4-61	56	.45	44	Tennessee	4-61	31	.35
16	Indiana	4-61	38	.40	45	Texas	3-61	60	.50
17	Iowa	1-61	40	.40	46	Utah	12-60	24	.30
18	Kansas	3-61	39	.40	47	Vermont	9-60	16	.25
19	Kentucky	2-61	28	.30	48	Virginia	3-61	31	.35
20	Louisiana	5-61	28	.30	49	Washington	3-61	28	.35
21	Maine	12-60	24	.30	50	West Virginia	2-61	27	.30
22	Maryland	2-61	24	.30	51	Wisconsin	3-61	39	.35
23	Massachusetts	3-61	30	.40	52	Wyoming	12-60	20	.25
24	Michigan	4-61	40	.45	53	Puerto Rico	5-61	32	.35
25	Minnesota	3-61	43	.40	54	Guam	12-60	12	.25
26	Mississippi	12-60	27	.30	55	Virgin Islands	2-61	15	.25
27	Missouri	3-61	43	.45	56	American Samoa	12-60	16	.25
28	Montana	12-60	24	.30	57	Canal Zone	12-60	11	.25
29	Nebraska	2-61	32	.35	Total cost of individual reports.....				\$19.95

1960 CENSUS OF POPULATION: SERIES PC(1)-B, GENERAL POPULATION CHARACTERISTICS

(Preprints of Volume I, Characteristics of the Population)

Report No.	State	Date issued	No. of pages	Price	Report No.	State	Date issued	No. of pages	Price
1	U.S. Summary	9-61	72	\$.60	30	Nevada	2-61	47	\$.45
2	Alabama	6-61	101	.70	31	New Hampshire	4-61	47	.45
3	Alaska	6-61	56	.35	32	New Jersey	7-61	128	.75
4	Arizona	4-61	46	.45	33	New Mexico	5-61	60	.45
5	Arkansas	6-61	113	.75	34	New York	6-61	166	1.25
6	California	6-61	177	1.25	35	North Carolina	6-61	132	1.00
7	Colorado	5-61	81	.60	36	North Dakota	5-61	102	.65
8	Connecticut	6-61	66	.60	37	Ohio	7-61	179	1.25
9	Delaware	4-61	36	.40	38	Oklahoma	7-61	121	1.00
10	District of Columbia	5-61	27	.35	39	Oregon	6-61	69	.55
11	Florida	6-61	111	.70	40	Pennsylvania	7-61	228	1.50
12	Georgia	6-61	159	1.25	41	Rhode Island	5-61	43	.45
13	Hawaii	7-61	42	.40	42	South Carolina	6-61	79	.60
14	Idaho	5-61	63	.50	43	South Dakota	5-61	103	.70
15	Illinois	6-61	196	1.25	44	Tennessee	6-61	117	.75
16	Indiana	6-61	155	1.25	45	Texas	7-61	268	1.75
17	Iowa	6-61	139	1.25	46	Utah	4-61	56	.45
18	Kansas	6-61	139	1.25	47	Vermont	11-60	47	.45
19	Kentucky	6-61	124	1.00	48	Virginia	7-61	123	1.00
20	Louisiana	6-61	99	.65	49	Washington	6-61	77	.60
21	Maine	5-61	63	.55	50	West Virginia	5-61	79	.60
22	Maryland	5-61	69	.45	51	Wisconsin	6-61	160	1.00
23	Massachusetts	6-61	101	.75	52	Wyoming	3-61	47	.45
24	Michigan	6-61	155	1.25	53	Puerto Rico	8-61	107	.65
25	Minnesota	6-61	159	1.25	54	Virgin Islands	9-61	48	.35
26	Mississippi	5-61	93	.65	55	Guam	9-61	51	.35
27	Missouri	6-61	150	1.25	56	American Samoa	7-61	35	.35
28	Montana	2-61	75	.55	57	Canal Zone	8-61	48	.35
29	Nebraska	6-61	121	1.00	Total cost of individual reports.....				\$43.40

1960 CENSUS OR POPULATION: SERIES PC(1)-C, GENERAL SOCIAL AND ECONOMIC CHARACTERISTICS

(Preprints of Volume I, Characteristics of the Population)

Report No.	State	Date issued	No. of pages	Price	Report No.	State	Date issued	No. of pages	Price
1	U.S. Summary	7-62	198	\$1.00	28	Montana	11-61	127	\$.75
2	Alabama	12-61	171	1.00	29	Nebraska	1-62	156	1.00
3	Alaska	12-61	100	.60	30	Nevada	11-61	100	.60
4	Arizona	11-61	106	.60	31	New Hampshire	11-61	92	.55
5	Arkansas	2-62	151	1.00	32	New Jersey	4-62	210	1.25
6	California	5-62	283	1.50	33	New Mexico	11-61	119	.65
7	Colorado	12-61	139	.75	34	New York	4-62	248	1.50
8	Connecticut	12-61	136	.75	35	North Carolina	1-62	206	1.25
9	Delaware	2-62	92	.55	36	North Dakota	1-62	123	.70
10	District of Columbia	3-62	67	.50	37	Ohio	3-62	259	1.50
11	Florida	2-62	196	1.25	38	Oklahoma	2-62	159	1.00
12	Georgia	1-62	250	1.50	39	Oregon	2-62	120	.65
13	Hawaii	3-62	94	.55	40	Pennsylvania	2-62	292	1.50
14	Idaho	11-61	116	.70	41	Rhode Island	2-62	100	.60
15	Illinois	4-62	257	1.50	42	South Carolina	12-61	137	.75
16	Indiana	3-62	192	1.25	43	South Dakota	11-61	136	.75
17	Iowa	3-62	178	1.00	44	Tennessee	1-62	180	1.00
18	Kansas	2-62	178	1.00	45	Texas	2-62	384	2.00
19	Kentucky	3-62	187	1.25	46	Utah	11-61	116	.65
20	Louisiana	12-61	168	1.00	47	Vermont	8-61	96	.55
21	Maine	11-61	108	.60	48	Virginia	2-62	206	1.25
22	Maryland	2-62	127	.70	49	Washington	3-62	132	.75
23	Massachusetts	2-62	183	1.00	50	West Virginia	3-62	139	.75
24	Michigan	3-62	216	1.25	51	Wisconsin	2-62	168	1.00
25	Minnesota	2-62	176	1.00	52	Wyoming	12-61	104	.60
26	Mississippi	1-62	167	1.00	53	Puerto Rico	7-62	172	.70
27	Missouri	4-62	199	1.25	Total cost of individual reports.....				\$50.30

Note: For Guam, the Virgin Islands, American Samoa, and the Canal Zone, the statistical items usually issued in series PC(1)-C were included in the PC(1)-B reports.

1960 CENSUS OF POPULATION: SERIES PC(1)-D, DETAILED CHARACTERISTICS

(Preprints of Volume I, Characteristics of the Population)

Report No.	State	Date issued	No. of pages	Price	Report No.	State	Date issued	No. of pages	Price
1	U.S. Summary	4-63	528	\$2.50	28	Montana	6-62	130	\$.75
2	Alabama	7-62	171	1.75	29	Nebraska	10-62	212	1.25
3	Alaska	7-62	150	1.25	30	Nevada	6-62	136	.75
4	Arizona	7-62	228	1.75	31	New Hampshire	7-62	131	1.00
5	Arkansas	7-62	176	1.50	32	New Jersey	8-62	391	2.50
6	California	10-62	554	3.25	33	New Mexico	6-62	184	1.25
7	Colorado	7-62	212	1.50	34	New York	11-62	524	2.75
8	Connecticut	8-62	276	1.75	35	North Carolina	7-62	235	1.75
9	Delaware	9-62	207	1.50	36	North Dakota	10-62	136	1.00
10	District of Columbia	11-62	163	1.25	37	Ohio	11-62	562	3.75
11	Florida	8-62	422	2.50	38	Oklahoma	9-62	276	1.75
12	Georgia	7-62	252	1.50	39	Oregon	9-62	196	1.25
13	Hawaii	7-62	196	1.50	40	Pennsylvania	9-62	530	3.25
14	Idaho	6-62	130	.65	41	Rhode Island	8-62	171	1.25
15	Illinois	10-62	348	2.00	42	South Carolina	7-62	227	1.50
16	Indiana	10-62	268	2.00	43	South Dakota	9-62	150	.75
17	Iowa	10-62	227	1.50	44	Tennessee	8-62	352	2.25
18	Kansas	10-62	188	1.50	45	Texas	11-62	484	3.25
19	Kentucky	10-62	227	1.50	46	Utah	5-62	179	1.25
20	Louisiana	8-62	284	2.00	47	Vermont	3-62	131	.75
21	Maine	7-62	135	.75	48	Virginia	9-62	284	2.00
22	Maryland	9-62	239	1.75	49	Washington	10-62	272	1.75
23	Massachusetts	7-62	283	1.75	50	West Virginia	10-62	236	1.50
24	Michigan	10-62	347	2.25	51	Wisconsin	10-62	219	1.75
25	Minnesota	10-62	243	1.50	52	Wyoming	6-62	130	.75
26	Mississippi	8-62	176	1.25	53	Puerto Rico	1-63	228	1.50
27	Missouri	11-62	276	1.75	Total cost of individual reports.....				\$88.90

NOTE: For Guam, the Virgin Islands, American Samoa, and the Canal Zone, the statistical items usually issued in series PC(1)-D were included in the PC(1)-B reports.

1960 CENSUSES OF POPULATION AND HOUSING

1960 CENSUS OF POPULATION: VOLUME II
SERIES PC (2), SUBJECT REPORTS

Report No.	Title	Date issued	No. of pages	Price
1A	Nativity & Parentage ¹			
1B	Persons of Spanish Surname	8-63	219	\$1.50
1C	Nonwhite Population by Race	8-63	274	1.75
1D	Puerto Ricans in the United States	8-63	118	.70
1E	Mother Tongue (of the Foreign Born) ¹			
2A	State of Birth	5-63	190	1.50
2B	Mobility of States and State Economic Areas	9-63	490	3.00
2C	Mobility for Metropolitan Areas	8-63	365	2.25
2D	Lifetime and Recent Migration	6-63	506	2.75
3A	Women by Number of Children Ever Born	6-64	343	2.25
4A	Families	10-63	477	2.75
4B	Persons by Family Characteristics	8-64	227	1.50
4C	Sources and Structure of Family Income	4-64	256	2.00
4D	Age at First Marriage ¹			
4E	Marital Status ¹			
5A	School Enrollment	3-64	150	1.25
5B	Educational Attainment	8-63	204	1.25
5C	Characteristics of Socioeconomic Groups ¹			
6A	Employment Status and Work Experience	9-63	248	1.75
6B	Journey to Work	10-63	579	3.50
6C	The Labor Reserve ¹			
7A	Occupational Characteristics	11-63	551	3.50
7B	Occupation by Earnings and Education	6-63	318	2.00
7C	Occupation by Industry	6-63	163	1.25
7D	Characteristics of Teachers	6-64	74	.55
7E	Characteristics of Professional Workers	7-64	161	1.00
8A	Inmates of Institutions	6-63	322	2.00
8B	Income of the Elderly Population	6-63	219	1.50
8C	Veterans	7-64	114	.70

¹ In preparation, Feb. 1965.

1960 CENSUS OF POPULATION: VOLUME III
 SERIES PC (3), SELECTED AREA REPORTS

Report No.	Title	Date issued	No. of pages	Price
1A	State Economic Areas	6-63	482	\$2.75
1B	Size of Place	6-64	97	.65
1C	Americans Overseas	9-64	154	1.25
1D	Standard Metropolitan Statistical Areas	7-63	767	4.50
1E	Type of Place	8-64	481	3.75

1960 CENSUS OF POPULATION: SERIES PC(S1), SUPPLEMENTARY REPORTS

Title	Date issued	No. of pages	Price
1. Population of Standard Metropolitan Statistical Areas: 1960 and 1950.....	Apr. 1961	19	\$.25
2. Population of Congressional Districts: April 1, 1960.....	Apr. 1961	7	.10
3. Population of the United States and Outlying Areas: 1940 to 1960.....	June 1961	2	.10
4. Urban and Rural Population of the United States, by States: 1960 and 1950.....	June 1961	4	.10
5. Population of Urbanized Areas: 1960 and 1950.....	June 1961	12	.10
6. Population of Cities of 10,000 or More, by Wards: 1960.....	June 1961	25	.25
7. Rank of Cities of 100,000 or More: 1960.....	June 1961	3	.10
8. Population of Cities of 25,000 or More: 1960.....	June 1961	7	.10
9. Population of Towns and Other Minor Civil Divisions in the New England States: 1940 to 1960.....	June 1961	10	.10
10. Race of the Population of the United States, by States: 1960.....	Sept. 1961	3	.10
11. Age of the Population of the United States, by States: 1960.....	Sept. 1961	8	.10
12. Marital Status of the Population of the United States, by States: 1960.....	Sept. 1961	3	.10
13. Household Relationships of the Population of the United States, by States: 1960.....	Sept. 1961	4	.10
14. Population Counts and Selected Characteristics for Guam, Virgin Islands, American Samoa, and Canal Zone: 1960.....	Oct. 1961	12	.10
15. Population Counts and Selected Characteristics for Puerto Rico: 1960.....	Oct. 1961	11	.10
16. Annexations and the Growth of Population in Standard Metropolitan Statistical Areas: 1950 to 1960.....	Apr. 1962	14	.25
17. Employment Status, Weeks Worked, Occupation, and Industry for the Population of the United States: 1960.....	May 1962	20	.25
18. Income of Families and Persons in the United States.....	May 1962	9	.10
19. Geographic Mobility of the Population of the United States: April 1960.....	May 1962	3	.10
20. School Enrollment and Educational Attainment, for the United States: 1960.....	June 1962	6	.10
21. Children Ever Born to Women 15 to 44 Years Old, for the United States: 1960.....	June 1962	3	.10
22. Place of Work and Means of Transportation to Work, for the United States: 1960.....	June 1962	2	.10
23. Households, Married Couples, and Families in the United States: 1960.....	June 1962	4	.10
24. Place of Birth of the Population of the United States: 1960.....	June 1962	4	.10
25. Age of the Population of the United States: 1960.....	June 1962	4	.10
26. Population of Congressional Districts for 88th Congress: April 1, 1960.....	Aug. 1962	5	.10
27. Industry Group by Occupation: 1960.....	Nov. 1962	8	.10
28. Birthplace and Country of Origin: 1960.....	Dec. 1962	6	.10
29. School Enrollment of the Population of the United States: 1960.....	Dec. 1962	13	.25
30. Mobility of the Population by Age: 1960.....	Dec. 1962	6	.10
31. Veterans in the United States: 1960.....	Dec. 1962	5	.10
32. Population of the United States, by Single Years of Age: 1960.....	Dec. 1962	4	.10

1960 CENSUS OF POPULATION: SERIES PC(S1), SUPPLEMENTARY REPORTS--Continued

Title	Date issued	No. of pages	Price
33. Industry of the Experienced Labor Force: 1960.....	Dec. 1962	9	.10
34. Social and Economic Characteristics, for Puerto Rico: 1960.....	Dec. 1962	16	.25
35. Employment Status, Weeks Worked, and Year Last Worked: 1960.....	Dec. 1962	14	.25
36. Income in 1959 of the Population of the United States: 1960.....	Dec. 1962	14	.25
37. Educational Attainment of the Population of the United States: 1960.....	Dec. 1962	12	.10
38. Families in the United States: 1960.....	Dec. 1962	17	.25
39. Marital Status of the Population: 1960.....	Dec. 1962	8	.10
40. Occupation of the Experienced Civilian Labor Force and the Labor Reserve: 1960.....	Dec. 1962	16	.25
41. Place of Work and Means of Transportation to Work: 1960.....	Jan. 1963	9	.10
42. Fertility of the Population: 1960.....	Mar. 1963	6	.10
43. Low Income Families: 1960.....	Feb. 1964	55	.35
44. Family Income in Metropolitan Areas: 1960.....	Feb. 1964	8	.10
45. Size of Family Income, by Family Characteristics: 1960.....	Mar. 1964	8	.10
46. Subject Guide to 1960 Census Data for Negro Population.....	Apr. 1964	4	.10

1960 CENSUS OF HOUSING: VOLUME I, STATES AND SMALL AREAS

Part No.	Title	Date issued	No. of pages	Price
Total cost of individual reports				\$45.00
1	United States Summary	Nov. 1963	340	3.25
2	Alabama - Connecticut	Nov. 1963	736	5.25
3	Delaware - Indiana	Nov. 1963	847	5.75
4	Iowa - Massachusetts	Nov. 1963	760	5.50
5	Michigan - New Hampshire	Nov. 1963	805	5.75
6	New Jersey - Ohio	Nov. 1963	830	5.75
7	Oklahoma - Tennessee	Dec. 1963	744	5.25
8	Texas - Wyoming	Nov. 1963	915	6.25
9	Outlying areas	Jan. 1964	207	2.25

1960 CENSUS OF HOUSING: SERIES HC(1), STATES AND SMALL AREAS

(Preprints of Volume I, States and Small Areas)

Report No.	State	Date issued	No. of pages	Price	Report No.	State	Date issued	No. of pages	Price
1	U.S. Summary	Sept. 1963	340	\$2.00	29	Nebraska	Feb. 1962	125	\$1.00
2	Alabama	Feb. 1962	146	1.25	30	Nevada	Jan. 1962	75	.60
3	Alaska	Jan. 1962	75	.65	31	New Hampshire	Feb. 1962	75	.60
4	Arizona	Jan. 1962	83	.60	32	New Jersey	May 1962	179	1.25
5	Arkansas	Mar. 1962	131	1.00	33	New Mexico	Feb. 1962	93	.65
6	California	May 1962	267	1.75	34	New York	May 1962	219	1.50
7	Colorado	Jan. 1962	113	.75	35	North Carolina	Jan. 1962	167	1.25
8	Connecticut	Feb. 1962	114	.75	36	North Dakota	Feb. 1962	95	.65
9	Delaware	Mar. 1962	67	.55	37	Ohio	Apr. 1962	235	1.50
10	District of Columbia	Mar. 1962	59	.50	38	Oklahoma	Feb. 1962	132	1.00
11	Florida	Mar. 1962	170	1.25	39	Oregon	Mar. 1962	99	.65
12	Georgia	Feb. 1962	210	1.50	40	Pennsylvania	May 1962	251	1.75
13	Hawaii	Jan. 1962	80	.60	41	Rhode Island	Feb. 1962	78	.60
14	Idaho	Jan. 1962	86	.65	42	South Carolina	Feb. 1962	123	.75
15	Illinois	May 1962	227	1.50	43	South Dakota	Feb. 1962	107	.70
16	Indiana	May 1962	178	1.25	44	Tennessee	Feb. 1962	147	1.25
17	Iowa	Apr. 1962	159	1.25	45	Texas	Apr. 1962	347	2.00
18	Kansas	Apr. 1962	147	1.25	46	Utah	Dec. 1961	92	.65
19	Kentucky	Mar. 1962	171	1.25	47	Vermont	Dec. 1961	70	.55
20	Louisiana	Jan. 1962	135	1.00	48	Virginia	Mar. 1962	179	1.25
21	Maine	Jan. 1962	83	.60	49	Washington	Feb. 1962	112	.70
22	Maryland	Mar. 1962	107	.70	50	West Virginia	Mar. 1962	131	1.00
23	Massachusetts	Feb. 1962	151	1.25	51	Wisconsin	Feb. 1962	143	1.25
24	Michigan	Apr. 1962	195	1.50	52	Wyoming	Jan. 1962	71	.55
25	Minnesota	Feb. 1962	151	1.25	53	Puerto Rico	Oct. 1963	163	1.25
26	Mississippi	Feb. 1962	127	1.00	54	Guam	Jan. 1963	31	.45
27	Missouri	Apr. 1962	178	1.25	55	Virgin Islands	Dec. 1962	19	.45
28	Montana	Jan. 1962	107	.70	Total cost of individual reports				\$55.35

1960 CENSUS OF HOUSING: VOLUME II, METROPOLITAN HOUSING

Part No.	Title	Date issued	No. of pages	Price
Total cost of individual reports				\$33.00
1	United States and Divisions	Aug. 1963	464	4.00
2	Abilene - Corpus Christi	Aug. 1963	759	5.50
3	Dallas - Kalamazoo	Aug. 1963	759	5.50
4	Kansas City - New Orleans	Sept. 1963	760	5.50
5	Newport News - Hampton - Santa Barbara	Sept. 1963	747	5.50
6	Savannah - Youngstown - Warren	Sept. 1963	693	5.00
7	Ponce - San Juan	Oct. 1963	99	2.00

1960 CENSUS OF HOUSING: SERIES HC(2), METROPOLITAN HOUSING

(Preprints of Volume II, Metropolitan Housing)

Report No.	Area	Date issued	No. of pages	Price	Report No.	Area	Date issued	No. of pages	Price
1.	United States Summary	Jan. 1963	72	\$.45	32.	Bridgeport, Conn.	Aug. 1962	44	.35
	DIVISION				33.	Brookton, Mass.	Aug. 1962	35	.30
2.	New England	"	68	.45	34.	Brownsville-Harlingen-San Benito, Tex.	Sept. 1962	35	.30
3.	Middle Atlantic	"	73	.45	35.	Buffalo, N.Y.	Sept. 1962	53	.40
4.	East North Central	"	73	.45	36.	Canton, Ohio	Oct. 1962	44	.35
5.	West North Central	"	73	.45	37.	Cedar Rapids, Iowa	Oct. 1962	35	.30
6.	South Atlantic	"	73	.45	38.	Champaign-Urbana, Ill.	Oct. 1962	35	.30
7.	East South Central	"	73	.45	39.	Charleston, S.C.	Aug. 1962	35	.30
8.	West South Central	"	73	.45	40.	Charleston, W. Va.	Sept. 1962	35	.30
9.	Mountain	"	73	.45	41.	Charlotte, N.C.	Aug. 1962	44	.35
10.	Pacific	"	73	.45	42.	Chattanooga, Tenn.-Ga.	Oct. 1962	44	.35
	STANDARD METROPOLITAN STATISTICAL AREA				43.	Chicago, Ill.	Sept. 1962	56	.45
11.	Abilene, Tex.	Sept. 1962	35	.30	44.	Cincinnati, Ohio-Ky.	Oct. 1962	54	.45
12.	Akron, Ohio	Oct. 1962	44	.35	45.	Cleveland, Ohio	Sept. 1962	56	.45
13.	Albany-Schenectady-Troy, N.Y.	Oct. 1962	44	.35	46.	Colorado Springs, Colo.	July 1962	35	.30
14.	Albuquerque, N. Mex.	July 1962	44	.35	47.	Columbia, S.C.	Aug. 1962	35	.30
15.	Allentown-Bethlehem-Easton, Pa.-N.J.	Oct. 1962	44	.35	48.	Columbus, Ga.-Ala.	Oct. 1962	44	.35
16.	Altoona, Pa.	Aug. 1962	35	.30	49.	Columbus, Ohio	Oct. 1962	44	.35
17.	Amarillo, Tex.	Sept. 1962	44	.35	50.	Corpus Christi, Tex.	Sept. 1962	44	.35
18.	Ann Arbor, Mich.	Sept. 1962	35	.30	51.	Dallas, Tex.	Sept. 1962	54	.45
19.	Asheville, N.C.	Aug. 1962	35	.30	52.	Davenport-Rock Island-Moline, Iowa-Ill.	Oct. 1962	35	.30
20.	Atlanta, Ga.	Sept. 1962	54	.45	53.	Dayton, Ohio	Oct. 1962	44	.35
21.	Atlantic City, N.J.	Sept. 1962	35	.30	54.	Decatur, Ill.	Oct. 1962	35	.30
22.	Augusta, Ga.-S.C.	Oct. 1962	35	.30	55.	Denver, Colo.	July 1962	44	.35
23.	Austin, Tex.	Sept. 1962	44	.35	56.	Des Moines, Iowa	Oct. 1962	44	.35
24.	Bakersfield, Calif.	Aug. 1962	35	.30	57.	Detroit, Mich.	Sept. 1962	63	.45
25.	Baltimore, Md.	Aug. 1962	54	.45	58.	Duluth-Superior, Minn.-Wis.	Oct. 1962	44	.35
26.	Baton Rouge, La.	Sept. 1962	44	.35	59.	Durham, N.C.	Aug. 1962	35	.30
27.	Bay City, Mich.	Sept. 1962	35	.30	60.	El Paso, Tex.	Sept. 1962	54	.45
28.	Beaumont-Port Arthur, Tex.	Sept. 1962	44	.35	61.	Erie, Pa.	Aug. 1962	44	.35
29.	Binghamton, N.Y.	Oct. 1962	35	.30	62.	Eugene, Oreg.	July 1962	35	.30
30.	Birmingham, Ala.	Aug. 1962	54	.45	63.	Evansville, Ind.-Ky.	Oct. 1962	44	.35
31.	Boston, Mass.	Aug. 1962	58	.45	64.	Fall River, Mass.-R.I.	Oct. 1962	35	.30

1960 CENSUS OF HOUSING: SERIES HC(2), METROPOLITAN HOUSING--Continued

Report No.	Area	Date issued	No. of pages	Price	Report No.	Area	Date issued	No. of pages	Price
65.	Fargo-Moorhead, N. Dak.-Minn.	Oct. 1962	35	.30	98.	Lawrence-Haverhill, Mass.-N.H.	Oct. 1962	35	.30
66.	Flint, Mich.	Sept. 1962	44	.35	99.	Lexington, Ky.	Sept. 1962	65	.30
67.	Fort Lauderdale-Hollywood, Fla.	Sept. 1962	35	.30	100.	Lima, Ohio	Oct. 1962	35	.30
68.	Fort Wayne, Ind.	Oct. 1962	44	.35	101.	Lincoln, Nebr.	Sept. 1962	44	.35
69.	Fort Worth, Tex.	Sept. 1962	44	.35	102.	Little Rock-North Little Rock, Ark.	Aug. 1962	44	.35
70.	Fresno, Calif.	Aug. 1962	44	.35	103.	Lorain-Elyria, Ohio	Oct. 1962	35	.30
71.	Galveston-Texas City, Tex.	Sept. 1962	35	.30	104.	Los Angeles-Long Beach, Calif.	Sept. 1962	127	.75
72.	Gary-Hammond-East Chicago, Ind.	Oct. 1962	53	.40	105.	Louisville, Ky.-Ind.	Oct. 1962	44	.35
73.	Grand Rapids, Mich.	Sept. 1962	44	.35	106.	Lowell, Mass.	Aug. 1962	35	.30
74.	Green Bay, Wis.	July 1962	35	.30	107.	Lubbock, Tex.	Sept. 1962	44	.35
75.	Greensboro-High Point, N.C.	Aug. 1962	44	.35	108.	Lynchburg, Va.	Sept. 1962	35	.35
76.	Greenville, S.C.	Aug. 1962	35	.30	109.	Macon, Ga.	Sept. 1962	35	.30
77.	Hamilton-Middletown, Ohio	Oct. 1962	35	.30	110.	Madison, Wis.	July 1962	44	.35
78.	Harrisburg, Pa.	Aug. 1962	35	.30	111.	Memphis, Tenn.	Sept. 1962	54	.45
79.	Hartford, Conn.	Aug. 1962	44	.35	112.	Miami, Fla.	Sept. 1962	52	.40
80.	Honolulu, Hawaii	Aug. 1962	53	.45	113.	Milwaukee, Wis.	July 1962	44	.35
81.	Houston, Tex.	Sept. 1962	56	.45	114.	Minneapolis-St. Paul, Minn.	Aug. 1962	53	.40
82.	Huntington-Ashland, W. Va.-Ky.-Ohio	Oct. 1962	35	.30	115.	Mobile, Ala.	Aug. 1962	44	.35
83.	Huntsville, Ala.	Aug. 1962	35	.30	116.	Monroe, La.	Sept. 1962	35	.30
84.	Indianapolis, Ind.	Sept. 1962	54	.45	117.	Montgomery, Ala.	Aug. 1962	44	.35
85.	Jackson, Mich.	Sept. 1962	35	.30	118.	Muncie, Ind.	Sept. 1962	35	.30
86.	Jackson, Miss.	Aug. 1962	44	.35	119.	Muskegon-Muskegon Heights, Mich.	Sept. 1962	35	.30
87.	Jacksonville, Fla.	Sept. 1962	49	.40	120.	Nashville, Tenn.	Sept. 1962	44	.35
88.	Jersey City, N.J.	Sept. 1962	44	.35	121.	Newark, N.J.	Sept. 1962	63	.45
89.	Johnstown, Pa.	Aug. 1962	35	.30	122.	New Bedford, Mass.	Aug. 1962	44	.35
90.	Kalamazoo, Mich.	Sept. 1962	35	.30	123.	New Britain, Conn.	Aug. 1962	35	.30
91.	Kansas City, Mo.-Kans.	Oct. 1962	63	.45	124.	New Haven, Conn.	Aug. 1962	44	.35
92.	Kenosha, Wis.	July 1962	35	.30	125.	New London-Groton-Norwich, Conn.	Aug. 1962	35	.30
93.	Knoxville, Tenn.	Sept. 1962	44	.35	126.	New Orleans, La.	Sept. 1962	56	.45
94.	Lake Charles, La.	Sept. 1962	35	.30	127.	Newport News-Hampton, Va.	Sept. 1962	44	.35
95.	Lancaster, Pa.	Aug. 1962	35	.30	128.	New York, N.Y.	Sept. 1962	73	.50
96.	Lansing, Mich.	Sept. 1962	44	.35	129.	Norfolk-Portsmouth, Va.	Sept. 1962	58	.45
97.	Las Vegas, Nev.	July 1962	35	.30	130.	Ogden, Utah	July 1962	35	.30
					131.	Oklahoma City, Okla.	Oct. 1962	44	.35

1960 CENSUS OF HOUSING: SERIES HC(2), METROPOLITAN HOUSING--Continued

Total cost of individual reports

\$71.20

1960 CENSUS OF HOUSING: SERIES HC(3), CITY BLOCKS

(Preprints of Volume III, City Blocks)

Report No.	City blocks	Date issued	No. of pages	Price	Report No.	City blocks	Date issued	No. of pages	Price
	Alabama				56	Pasadena, Calif.....	9-61	29	.25
1	Bessemer, Ala.....	8-61	21	\$.25	57	Petaluma, Calif.....	10-61	18	.20
2	Birmingham, Ala.....	10-61	64	.45	58	Pomona, Calif.....	10-61	24	.25
3	Gadsden, Ala.....	8-61	27	.25	59	Redondo Beach, Calif.....	9-61	21	.25
4	Huntsville, Ala.....	8-61	26	.25	60	Redwood City, Calif.....	10-61	24	.25
5	Mobile, Ala.....	8-61	40	.35	61	Richmond, Calif.....	10-61	28	.25
6	Montgomery, Ala.....	8-61	32	.30	62	Riverside, Calif.....	9-61	27	.25
7	Tuscaloosa, Ala.....	8-61	23	.25	63	Sacramento, Calif.....	10-61	44	.35
	Alaska				64	Salinas, Calif.....	10-61	19	.20
8	Anchorage, Alaska.....	6-61	22	.20	65	San Bernardino, Calif.....	10-61	22	.25
9	Fairbanks, Alaska.....	6-61	19	.20	66	San Diego, Calif.....	10-61	76	.40
	Arizona				67	San Francisco, Calif.....	10-61	71	.55
10	Phoenix, Ariz.....	6-61	76	.45	68	San Jose, Calif.....	10-61	37	.30
11	Tucson, Ariz.....	7-61	56	.40	69	San Leandro, Calif.....	10-61	22	.25
12	Yuma, Ariz.....	7-61	21	.20	70	San Mateo, Calif.....	10-61	24	.25
	Arkansas				71	San Pablo, Calif.....	9-61	18	.20
13	Dumas, Ark.....	6-61	17	.20	72	Santa Ana, Calif.....	9-61	27	.25
14	Fort Smith, Ark.....	6-61	33	.30	73	Santa Barbara, Calif.....	10-61	25	.25
15	Little Rock, Ark.....	6-61	42	.35	74	Santa Clara County, Calif.	11-61	60	.55
16	Newport, Ark.....	6-61	18	.20	75	Santa Cruz, Calif.....	9-61	21	.20
17	North Little Rock, Ark....	6-61	27	.25	76	Santa Fe Springs, Calif...	10-61	17	.20
18	Rogers, Ark.....	6-61	20	.20	77	Santa Monica, Calif.....	9-61	23	.25
19	Van Buren, Ark.....	6-61	19	.20	78	Santa Paula, Calif.....	10-61	17	.20
	California				79	Santa Rosa, Calif.....	10-61	21	.25
20	Alameda, Calif.....	10-61	21	.20	80	South Gate, Calif.....	10-61	21	.25
21	Alhambra, Calif.....	10-61	22	.25	81	Stockton, Calif.....	11-61	32	.30
22	Anaheim, Calif.....	10-61	26	.25	82	Torrance, Calif.....	9-61	24	.25
23	Bakersfield, Calif.....	10-61	27	.20	83	Vallejo, Calif.....	10-61	23	.25
24	Barstow, Calif.....	10-61	17	.20	84	Walnut Creek, Calif.....	10-61	16	.20
25	Bellflower, Calif.....	10-61	19	.20	85	Watsonville, Calif.....	10-61	17	.20
26	Berkeley, Calif.....	10-61	28	.25	86	Yuba City, Calif.....	10-61	17	.20
27	Burbank, Calif.....	10-61	25	.25		Colorado			
28	Carmel-by-the-Sea, Calif..	9-61	18	.20	87	Aurora, Colo.....	7-61	28	.25
29	Compton, Calif.....	10-61	24	.25	88	Boulder, Colo.....	7-61	28	.25
30	Coronado, Calif.....	10-61	17	.20	89	Colorado Springs, Colo....	7-61	36	.25
31	Downey, Calif.....	10-61	24	.25	90	Denver, Colo.....	6-61	92	.60
32	El Cerrito, Calif.....	10-61	23	.20	91	Englewood, Colo.....	7-61	28	.25
33	Fremont, Calif.....	10-61	19	.20	92	Pueblo, Colo.....	7-61	36	.30
34	Fresno, Calif.....	10-61	41	.35		Connecticut			
35	Fullerton, Calif.....	9-61	21	.25	93	Ansonia, Conn.....	9-61	17	.20
36	Garden Grove, Calif.....	10-61	22	.25	94	Bridgeport, Conn.....	8-61	31	.25
37	Glendale, Calif.....	10-61	28	.25	95	Greenwich Town, Conn.....	8-61	21	.25
38	Hayward, Calif.....	9-61	22	.25	96	Hartford, Conn.....	8-61	25	.25
39	Hermosa Beach, Calif.....	10-61	19	.20	97	New Britain, Conn.....	8-61	23	.25
40	Inglewood, Calif.....	10-61	22	.25	98	New Canaan Town, Conn.....	9-61	16	.20
41	Laguna Beach, Calif.....	10-61	18	.20	99	New Haven, Conn.....	8-61	28	.25
42	La Habra, Calif.....	10-61	18	.20	100	Norwalk, Conn.....	8-61	24	.25
43	Lakewood, Calif.....	9-61	20	.20	101	Stamford, Conn.....	9-61	24	.25
44	Livermore, Calif.....	10-61	18	.20	102	Waterbury, Conn.....	8-61	28	.25
45	Long Beach, Calif.....	10-61	58	.45	103	West Hartford Town, Conn..	8-61	22	.25
46	Los Angeles, Calif.....	10-61	272	1.75		Delaware			
47	Martinez, Calif.....	10-61	18	.20	104	Wilmington, Del.....	7-61	36	.25
48	Modesto, Calif.....	9-61	24	.25		District of Columbia			
49	Montebello, Calif.....	9-61	19	.20	105	Washington, D.C.....	6-61	69	.50
50	Monterey, Calif.....	9-61	20	.20		Florida			
51	Newport Beach, Calif.....	10-61	21	.25		Daytona Beach, Fla.....	10-61	52	.45
52	Norwalk, Calif.....	9-61	24	.25	106	Fort Lauderdale, Fla.....	9-61	33	.30
53	Oakland, Calif.....	10-61	57	.45	107	Hollywood, Fla.....	9-61	24	.25
54	Oxnard, Calif.....	10-61	19	.20	108	Jacksonville, Fla.....	10-61	52	.45
55	Palm Springs, Calif.....	9-61	20	.25	109				

1960 CENSUS OF HOUSING: SERIES HC(3), CITY BLOCKS--Continued

Report No.	City blocks	Date issued	No. of pages	Price	Report No.	City blocks	Date issued	No. of pages	Price
110	Lakeland, Fla.....	9-61	25	\$.25	160	Des Moines, Iowa.....	7-61	46	\$.40
111	Miami, Fla.....	10-61	62	.45	161	Dubuque, Iowa.....	7-61	23	.25
112	Miami Beach, Fla.....	10-61	23	.25	162	Ottumwa, Iowa.....	7-61	28	.25
113	Orlando, Fla.....	9-61	33	.30	163	Sioux City, Iowa.....	7-61	40	.30
114	Pensacola, Fla.....	9-61	31	.25	164	Waterloo, Iowa.....	7-61	31	.30
115	St. Petersburg, Fla.....	9-61	63	.45		Kansas			
116	Tampa, Fla.....	9-61	88	.60	165	Atchison, Kan.....	9-61	18	.20
117	West Palm Beach, Fla.....	10-61	27	.25	166	Kansas City, Kan.....	9-61	35	.30
	Georgia				167	Topeka, Kan.....	8-61	40	.30
118	Atlanta, Ga.....	10-61	62	.45	168	Wichita, Kan.....	8-61	64	.45
119	Augusta, Ga.....	10-61	26	.25		Kentucky			
120	Columbus, Ga.....	10-61	31	.25	169	Covington, Ky.....	9-61	22	.25
121	East Point, Ga.....	9-61	20	.20	170	Lexington, Ky.....	9-61	22	.25
122	Macon, Ga.....	9-61	25	.25	171	Louisville, Ky.....	10-61	56	.40
123	Port Wentworth, Ga.....	9-61	15	.20		Louisiana			
124	Savannah, Ga.....	9-61	40	.35	172	Baton Rouge, La.....	6-61	40	.30
	Hawaii				173	Monroe, La.....	6-61	27	.20
125	Hilo, Hawaii.....	6-61	19	.20	174	New Orleans, La.....	6-61	94	.65
126	Honolulu, Hawaii.....	6-61	35	.25	175	Shreveport, La.....	6-61	41	.35
127	Lahaina, Hawaii.....	6-61	17	.20		Maine			
128	Wailuku, Hawaii.....	6-61	17	.20	176	Portland, Maine.....	6-61	25	.25
	Idaho					Maryland			
129	Pocatello, Idaho.....	6-61	22	.20	177	Annapolis, Md.....	8-61	20	.20
	Illinois				178	Baltimore, Md.....	10-61	100	.65
130	Aurora, Ill.....	8-61	25	.25	179	Hagerstown, Md.....	8-61	19	.20
131	Berwyn, Ill.....	7-61	20	.20		Massachusetts			
132	Centreville, Ill.....	8-61	17	.20	180	Boston, Mass.....	9-61	69	.50
133	Chicago, Ill.....	8-61	237	1.50	181	Brockton, Mass.....	9-61	26	.25
134	Cicero, Ill.....	8-61	21	.25	182	Brookline Town, Mass.....	9-61	20	.20
135	Decatur, Ill.....	8-61	29	.25	183	Cambridge, Mass.....	9-61	23	.25
136	East St. Louis, Ill.....	8-61	26	.25	184	Fall River, Mass.....	11-61	29	.25
137	Elgin, Ill.....	7-61	24	.25	185	Fitchburg, Mass.....	10-61	22	.25
138	Evanston, Ill.....	8-61	23	.25	186	Holyoke, Mass.....	9-61	20	.25
139	Hinsdale, Ill.....	8-61	20	.20	187	Lawrence, Mass.....	9-61	24	.25
140	Joliet, Ill.....	8-61	26	.25	188	Lowell, Mass.....	9-61	29	.25
141	Moline, Ill.....	8-61	21	.25	189	Lynn, Mass.....	9-61	24	.25
142	Oak Park, Ill.....	8-61	21	.25	190	Malden, Mass.....	9-61	22	.25
143	Peoria, Ill.....	8-61	30	.25	191	Medford, Mass.....	9-61	22	.25
144	Rockford, Ill.....	8-61	37	.30	192	New Bedford, Mass.....	9-61	32	.30
145	Rock Island, Ill.....	7-61	23	.25	193	Newton, Mass.....	9-61	28	.25
146	Skokie, Ill.....	8-61	24	.25	194	Pittsfield, Mass.....	9-61	22	.25
147	Springfield, Ill.....	7-61	28	.25	195	Quincy, Mass.....	9-61	27	.25
	Indiana				196	Somerville, Mass.....	9-61	22	.25
148	(Anderson, Ind.: never printed).....	---	--	--	197	Springfield, Mass.....	9-61	36	.30
149	East Chicago, Ind.....	8-61	19	.20	198	Worcester, Mass.....	9-61	36	.30
150	Evansville, Ind.....	8-61	40	.30		Michigan			
151	Fort Wayne, Ind.....	8-61	41	.35	199	Adrian, Mich.....	8-61	18	.20
152	Gary, Ind.....	8-61	37	.35	200	Ann Arbor, Mich.....	8-61	23	.25
153	Hammond, Ind.....	8-61	28	.25	201	Battle Creek, Mich.....	8-61	23	.25
154	Indianapolis, Ind.....	8-61	74	.50	202	Bay City, Mich.....	8-61	32	.25
155	Muncie, Ind.....	9-61	30	.25	203	Dearborn, Mich.....	8-61	29	.25
156	South Bend, Ind.....	8-61	36	.30	204	Detroit, Mich.....	9-61	170	1.00
157	Terre Haute, Ind.....	10-61	33	.30	205	Flint, Mich.....	8-61	43	.35
	Iowa				206	Grand Rapids, Mich.....	8-61	38	.30
158	Cedar Rapids, Iowa.....	7-61	36	.25	207	Harper Woods, Mich.....	8-61	28	.20
159	Davenport, Iowa.....	7-61	30	.25					

1960 CENSUS OF HOUSING: SERIES HC(3), CITY BLOCKS--Continued

Report No.	City blocks	Date issued	No. of pages	Price	Report No.	City blocks	Date issued	No. of pages	Price
208	Highland Park, Mich.....	10-61	18	\$.20	253	North Arlington, N.J.....	9-61	17	\$.20
209	Inkster, Mich.....	8-61	23	.25	254	Passaic, N.J.....	9-61	19	.20
210	Jackson, Mich.....	8-61	23	.25	255	Paterson, N.J.....	9-61	29	.25
211	Kalamazoo, Mich.....	8-61	28	.25	256	Trenton, N.J.....	9-61	25	.25
212	Lansing, Mich.....	8-61	31	.25	257	Union City, N.J.....	9-61	20	.20
213	Monroe, Mich.....	8-61	20	.20		New Mexico			
214	Muskegon, Mich.....	8-61	24	.25	258	Albuquerque, N. Mex.....	6-61	50	.45
215	Plymouth, Mich.....	8-61	17	.20	259	Las Cruces, N. Mex.....	6-61	23	.25
216	Pontiac, Mich.....	8-61	26	.25		New York			
217	Royal Oak, Mich.....	8-61	25	.25	260	Albany, N.Y.....	9-61	26	.25
218	St. Clair Shores, Mich...	8-61	23	.25	261	Binghamton, N.Y.....	9-61	23	.25
219	Saginaw, Mich.....	8-61	34	.30	262	Buffalo, N.Y.....	9-61	46	.40
220	Troy, Mich.....	8-61	19	.25	263	Ellenville, N.Y.....	9-61	16	.20
221	Wayne, Mich.....	8-61	18	.20	264	Farmingdale, N.Y.....	10-61	16	.20
	Minnesota				265	Floral Park, N.Y.....	10-61	20	.20
222	Duluth, Minn.....	9-61	44	.45	266	Glen Cove, N.Y.....	9-61	18	.20
223	Hastings, Minn.....	9-61	18	.20	267	Ithaca, N.Y.....	9-61	18	.20
224	Minneapolis, Minn.....	10-61	77	.55	268	Lindenhurst, N.Y.....	9-61	20	.20
225	St. Paul, Minn.....	9-61	64	.45	269	Mineola, N.Y.....	9-61	18	.20
226	South St. Paul, Minn.....	9-61	19	.20	270	Mount Vernon, N.Y.....	9-61	21	.25
	Mississippi				271	Newburgh, N.Y.....	9-61	18	.20
227	Jackson, Miss.....	7-61	21	.25	272	New Rochelle, N.Y.....	10-61	24	.25
	Missouri				273	Bronx Borough, N.Y.....	10-61	68	.45
228	Ferguson, Mo.....	8-61	18	.20	274	Brooklyn Borough, N.Y....	10-61	122	.70
229	Independence, Mo.....	8-61	21	.25	275	Manhattan Borough, N.Y....	9-61	52	.40
230	Kansas City, Mo.....	8-61	83	.60	276	Queens Borough, N.Y.....	10-61	165	1.00
231	St. Joseph, Mo.....	8-61	32	.30	277	Richmond Borough, N.Y....	10-61	49	.45
232	St. Louis, Mo.....	10-61	71	.50	278	Niagara Falls, N.Y.....	10-61	25	.25
233	Springfield, Mo.....	8-61	34	.30	279	Patchogue Village, N.Y....	10-61	17	.20
234	University City, Mo.....	8-61	20	.20	280	Port Jervis, N.Y.....	10-61	17	.20
	Montana				281	Rochester, N.Y.....	10-61	44	.35
235	Great Falls, Mont.....	6-61	27	.25	282	Rockville Center, N.Y....	10-61	19	.20
	Nebraska				283	Rome, N.Y.....	9-61	20	.20
236	Lincoln, Nebr.....	7-61	48	.35	284	Rye, N.Y.....	9-61	20	.20
237	Omaha, Nebr.....	7-61	68	.45	285	Schenectady, N.Y.....	10-61	25	.25
	Nevada				286	Southampton Village, N.Y.	10-61	16	.20
238	Las Vegas, Nev.....	6-61	26	.25	287	Syracuse, N.Y.....	9-61	37	.30
	New Hampshire				288	Troy, N.Y.....	9-61	22	.25
239	Manchester, N.H.....	7-61	36	.25	289	Utica, N.Y.....	9-61	26	.25
	New Jersey				290	White Plains, N.Y.....	9-61	24	.25
240	Atlantic City, N.J.....	9-61	22	.25	291	Yonkers, N.Y.....	10-61	38	.30
241	Bayonne, N.J.....	9-61	19	.20		North Carolina			
242	Camden, N.J.....	10-61	32	.25	292	Asheville, N.C.....	9-61	27	.25
243	Clifton, N.J.....	9-61	24	.25	293	Charlotte, N.C.....	9-61	42	.35
244	East Orange, N.J.....	9-61	20	.20	294	Durham, N.C.....	9-61	29	.25
245	Edison Township, N.J....	9-61	20	.20	295	Fayetteville, N.C.....	8-61	23	.25
246	Elizabeth, N.J.....	9-61	23	.25	296	Greensboro, N.C.....	8-61	34	.30
247	Englewood, N.J.....	9-61	20	.20	297	High Point, N.C.....	9-61	26	.25
248	Irvington, N.J.....	9-61	19	.20	298	Lexington, N.C.....	9-61	19	.20
249	Jersey City, N.J.....	10-61	28	.25	299	Raleigh, N.C.....	8-61	29	.25
250	Kearny, N.J.....	9-61	18	.20	300	Salisbury, N.C.....	8-61	19	.20
251	Montclair, N.J.....	9-61	20	.20	301	Statesville, N.C.....	9-61	19	.20
252	Newark, N.J.....	9-61	38	.30	302	Washington, N.C.....	8-61	17	.20
					303	Wilmington, N.C.....	8-61	22	.25
					304	Winston-Salem, N.C.....	9-61	34	.30
						Ohio			
					305	Akron, Ohio.....	9-61	54	.45
					306	Canton, Ohio.....	10-61	43	.35
					307	Chillicothe, Ohio.....	9-61	20	.20
					308	Cincinnati, Ohio.....	9-61	51	.40
					309	Cleveland, Ohio.....	9-61	72	.50

1960 CENSUS OF HOUSING: SERIES HC(3), CITY BLOCKS--Continued

Report No.	City blocks	Date issued	No. of pages	Price	Report No.	City blocks	Date issued	No. of pages	Price
310	Cleveland Heights, Ohio....	9-61	21	\$.20	364	Spartanburg, S.C.....	6-61	23	\$.25
311	Columbus, Ohio.....	10-61	64	.45		South Dakota			
312	Dayton, Ohio.....	10-61	46	.35					
313	Hamilton, Ohio.....	9-61	25	.25					
314	Kettering, Ohio.....	9-61	22	.25	365	Sioux Falls, S. Dak.....	6-61	30	.25
315	Lakewood, Ohio.....	9-61	19	.20		Tennessee			
316	Lima, Ohio.....	9-61	23	.25					
317	Lorain, Ohio.....	10-61	23	.25	366	Chattanooga, Tenn.....	8-61	40	.35
318	Springfield, Ohio.....	10-61	28	.25	367	Knoxville, Tenn.....	8-61	37	.30
319	Steubenville, Ohio.....	9-61	20	.20	368	Memphis, Tenn.....	9-61	66	.45
320	Toledo, Ohio.....	10-61	51	.40	369	Morristown, Tenn.....	9-61	19	.20
321	Warren, Ohio.....	9-61	22	.25	370	Nashville, Tenn.....	9-61	55	.40
322	Wooster, Ohio.....	9-61	17	.20		Texas			
323	Wyoming, Ohio.....	9-61	16	.20					
324	Youngstown, Ohio.....	9-61	35	.30					
325	Zanesville, Ohio.....	10-61	22	.25	371	Abilene, Tex.....	10-61	34	.30
	Oklahoma				372	Amarillo, Tex.....	10-61	44	.40
326	Oklahoma City, Okla.....	9-61	77	.60	373	Austin, Tex.....	10-61	49	.40
327	Tulsa, Okla.....	8-61	64	.45	374	Beaumont, Tex.....	9-61	40	.35
	Oregon				375	Corpus Christi, Tex.....	10-61	38	.35
328	Empire, Ore.....	8-61	15	.20	376	Crystal City, Tex.....	10-61	18	.20
329	Eugene, Ore.....	7-61	32	.25	377	Dallas, Tex.....	10-61	115	.75
330	Medford, Ore.....	7-61	24	.20	378	El Paso, Tex.....	10-61	54	.45
331	Pendleton, Ore.....	7-61	24	.20	379	Fort Worth, Tex.....	10-61	90	.65
332	Portland, Ore.....	10-61	111	.70	380	Galveston, Tex.....	9-61	27	.25
	Pennsylvania				381	Houston, Tex.....	10-61	170	1.25
333	Allentown, Pa.....	9-61	52	.45	382	Irving, Tex.....	9-61	21	.25
334	Altoona, Pa.....	9-61	29	.25	383	Laredo, Tex.....	10-61	32	.30
335	Bethlehem, Pa.....	10-61	32	.30	384	Lubbock, Tex.....	10-61	40	.35
336	Bristol Township, Pa.....	9-61	24	.25	385	Midland, Tex.....	10-61	33	.30
337	Chester, Pa.....	9-61	23	.25	386	Odessa, Tex.....	9-61	31	.30
338	Erie, Pa.....	9-61	33	.30	387	Port Arthur, Tex.....	10-61	28	.25
339	Harrisburg, Pa.....	10-61	30	.25	388	San Angelo, Tex.....	10-61	33	.30
340	Johnstown, Pa.....	9-61	34	.30	389	San Antonio, Tex.....	10-61	109	.70
341	Lancaster, Pa.....	9-61	22	.25	390	Snyder, Tex.....	10-61	22	.20
342	McKeesport, Pa.....	10-61	101	.55	391	Waco, Tex.....	10-61	40	.30
343	Meadville, Pa.....	9-61	18	.20	392	Wichita Falls, Tex.....	10-61	32	.25
344	Philadelphia, Pa.....	9-61	183	1.25		Utah			
345	Pittsburgh, Pa.....	9-61	89	.60	393	Ogden, Utah.....	6-61	24	.25
346	Pottstown, Pa.....	9-61	19	.20	394	Salt Lake City, Utah.....	6-61	35	.30
347	Reading, Pa.....	9-61	26	.25		Virginia			
348	Scranton, Pa.....	9-61	38	.35	395	Alexandria, Va.....	9-61	24	.25
349	Upper Darby Township, Pa..	9-61	24	.25	396	Arlington County, Va....	9-61	33	.30
350	Washington, Pa.....	10-61	20	.20	397	Hampton, Va.....	8-61	25	.25
351	Wilkes-Barre, Pa.....	9-61	23	.25	398	Harrisonburg, Va.....	8-61	17	.25
352	York, Pa.....	9-61	22	.25	399	Lynchburg, Va.....	8-61	27	.25
	Rhode Island				400	Newport News, Va.....	8-61	25	.25
353	Cranston, R.I.....	7-61	30	.25	401	Norfolk, Va.....	8-61	57	.45
354	East Providence, R.I.....	7-61	32	.25	402	Portsmouth, Va.....	8-61	32	.25
355	Newport, R.I.....	7-61	28	.20	403	Richmond, Va.....	8-61	50	.40
356	Pawtucket, R.I.....	7-61	32	.25	404	Roanoke, Va.....	8-61	36	.30
357	Providence, R.I.....	7-61	38	.35		Washington			
358	Warwick, R.I.....	7-61	36	.25	405	Seattle, Wash.....	8-61	123	.75
359	Woonsocket, R.I.....	7-61	36	.25	406	Spokane, Wash.....	8-61	65	.45
	South Carolina				407	Tacoma, Wash.....	7-61	56	.45
360	Cayce, S.C.....	6-61	19	.20	408	Yakima, Wash.....	7-61	24	.25
361	Charleston, S.C.....	6-61	22	.25		West Virginia			
362	Columbia, S.C.....	6-61	32	.25	409	Charleston, W. Va.....	8-61	25	.25
363	Greenville, S.C.....	6-61	27	.25	410	Huntington, W. Va.....	10-61	26	.25
					411	Wheeling, W. Va.....	8-61	23	.25

1960 CENSUS OF HOUSING: SERIES HC(3), CITY BLOCKS--Continued

Report No.	City blocks	Date issued	No. of pages	Price	Report No.	City blocks	Date issued	No. of pages	Price
	Wisconsin					Puerto Rico			
412	Fond du Lac, Wis.....	9-61	21	\$.20	419	San Juan, P.R.....	3-62	60	\$.25
413	Green Bay, Wis.....	9-61	25	.25	420	Ponce, P.R.....	3-62	36	.25
414	Kenosha, Wis.....	9-61	27	.25	421	Mayaguez, P.R.....	3-62	32	.25
415	Madison, Wis.....	10-61	32	.30					
416	Manitowoc, Wis.....	9-61	21	.25					
417	Milwaukee, Wis.....	10-61	86	.60					
418	Racine, Wis.....	10-61	28	.25					
					Total cost of individual reports				\$125.10

1960 CENSUS OF HOUSING: VOLUME IV, SERIES HC(4), COMPONENTS OF
INVENTORY CHANGE

(Part 1A, 1950-59 Components; Part 1B, Inventory Characteristics)

(Area reports, 30¢ each; U.S. and Regions, \$1.00. Total cost for individual reports (18 reports, Part 1A or 1B), \$6.10)

Report No.	List of reports in Volume IV	Part 1A		Part 1B	
		Date issued	No. of pages	Date issued	No. of pages
1	United States and Regions	Oct. 1962	157	Nov. 1962	100
2	AREA REPORT Atlanta, Ga., SMSA	May 1964	31	July 1962	26
3	Boston, Mass., SMSA	Apr. 1962	31	July 1962	26
4	Chicago, Ill.-Northwestern Indiana, Standard Consolidated Area	Apr. 1962	31	July 1962	28
5	Dallas, Tex., SMSA	Apr. 1962	31	June 1962	26
6	Detroit, Mich., SMSA	Mar. 1962	31	July 1962	26
7	Los Angeles-Long Beach, Calif., SMSA	Jan. 1962	31	May 1962	26
8	New York-Northeastern New Jersey, Standard Consolidated Area	May 1962	31	July 1962	28
9	Philadelphia, Pa.-N.J., SMSA	Apr. 1962	31	June 1962	26
10	Seattle, Wash., SMSA	Apr. 1962	31	July 1962	24
11	Baltimore, Md., SMSA	Mar. 1962	31	July 1962	24
12	Buffalo, N.Y., SMSA	May 1962	31	July 1962	28
13	Cleveland, Ohio, SMSA	May 1962	31	Aug. 1962	26
14	Minneapolis-St. Paul, Minn., SMSA	Mar. 1962	31	July 1962	28
15	Pittsburgh, Pa., SMSA	May 1962	31	July 1962	28
16	St. Louis, Mo.-Ill. SMSA	May 1962	31	Aug. 1962	26
17	San Francisco-Oakland, Calif., SMSA	Apr. 1962	31	July 1962	28
18	Washington, D.C.-Md.-Va., SMSA	Dec. 1961	32	June 1962	26

1960 CENSUSES OF POPULATION AND HOUSING

1960 CENSUS OF HOUSING: VOLUME IV, SERIES HC (4)
COMPONENTS OF INVENTORY CHANGE

(Part 2, 1957-59 Components)

Report No.	Description	Date issued	No. of pages	Price
1	United States and Regions AREA REPORTS	June 1963	178	\$1.50
2	Atlanta SMSA	Jan. 1963	33	.40
3	Boston SMSA	Jan. 1963	33	.40
4	Chicago - Northwestern Indiana SCA	Jan. 1963	33	.40
5	Dallas SMSA	Apr. 1963	33	.40
6	Detroit SMSA	Feb. 1963	36	.40
7	Los Angeles - Long Beach SMSA	Dec. 1962	33	.40
8	New York - Northeastern New Jersey SCA	Jan. 1963	33	.40
9	Philadelphia SMSA	Feb. 1963	33	.40
10	Seattle SMSA	Jan. 1963	33	.40
Total cost of individual reports				\$5.10

1960 CENSUS OF HOUSING: SERIES HC(S1), SPECIAL REPORTS FOR
LOCAL HOUSING AUTHORITIES

(Each report, 15 cents. Total cost of individual reports, \$20.)

Report No.	Area	No. of pages	Report No.	Area	No. of pages
	Alabama		43	Marietta, Ga.....	13
1	Bessemer, Ala.....	16	44	Muscogee County, Ga.....	14
2	Birmingham, Ala.....	16	45	Newnan, Ga.....	16
3	Decatur, Ala.....	16	46	Rome, Ga.....	14
4	Eufaula, Ala.....	16	47	Savannah, Ga.....	15
5	Florence, Ala.....	10	48	Valdosta, Ga.....	16
6	Gadsden, Ala.....	16		Hawaii	
7	Guntersville, Ala.....	16	49	Honolulu, Hawaii.....	14
8	Huntsville, Ala.....	10		Illinois	
9	Montgomery, Ala.....	16	50	Decatur, Ill.....	16
10	Sylacauga, Ala.....	16	51	Joliet, Ill.....	16
11	Tuscaloosa, Ala.....	16	52	Rock Island, Ill.....	16
	Arkansas			Indiana	
12	Little Rock, Ark.....	10	53	Hammond, Ind.....	15
13	Texarkana, Ark.....	16		Kansas	
	California		54	Kansas City, Kan.....	16
14	Bakersfield, Calif.....	14		Kentucky	
15	Fresno, Calif.....	16	55	Glasgow, Ky.....	15
16	Los Angeles, Calif.....	14		Louisiana	
17	Pasadena, Calif.....	16	56	Abbeyville, La.....	14
18	San Francisco, Calif.....	13	57	Baton Rouge, La.....	14
19	Stockton, Calif.....	16	58	Church Point, La.....	14
	Colorado		59	Crowley, La.....	14
20	Denver, Colo.....	16	60	Lake Arthur, La.....	14
	Connecticut		61	Lake Charles, La.....	16
21	Bridgeport, Conn.....	16	62	New Orleans, La.....	14
22	New Haven, Conn.....	16	63	Opelousas, La.....	16
23	Stamford, Conn.....	14	64	Ville Platte, La.....	16
24	Stratford, Conn.....	16		Maine	
	Florida		65	Portland, Maine.....	14
25	Daytona Beach, Fla.....	14		Maryland	
26	Fort Lauderdale, Fla.....	16	66	Baltimore, Md.....	15
27	Miami, Fla.....	15		Massachusetts	
28	Orlando, Fla.....	16	67	Boston, Mass.....	16
29	St. Petersburg, Fla.....	14	68	New Bedford, Mass.....	15
30	Tampa, Fla.....	16	69	Revere, Mass.....	14
	Georgia			Michigan	
31	Americus, Ga.....	16	70	Mount Clemens, Mich.....	16
32	Athens, Ga.....	16	71	Muskegon Heights, Mich.....	16
33	Atlanta, Ga.....	16	72	Saginaw, Mich.....	16
34	Augusta, Ga.....	14			
35	Bainbridge, Ga.....	16			
36	Brunswick, Ga.....	16			
37	Cedartown, Ga.....	16			
38	Columbus, Ga.....	14			
39	Dublin, Ga.....	16			
40	East Point, Ga.....	14			
41	Lawrenceville, Ga.....	12			
42	Manchester, Ga.....	16			

1960 CENSUS OF HOUSING: SERIES HC(S1), SPECIAL REPORTS FOR LOCAL HOUSING AUTHORITIES--Continued

Report No.	Area	No. of pages	Report No.	Area	No. of pages
	Minnesota		108	Lorain, Ohio.....	16
73	Duluth, Minn.....	16	109	Steubenville, Ohio.....	14
74	Minneapolis, Minn.....	16		Pennsylvania	
75	St. Paul, Minn.....	16	110	Meadville, Pa.....	14
	Mississippi			Rhode Island	
76	Gulfport, Miss.....	16	111	Newport, R.I.....	15
77	Meridian, Miss.....	16	112	Woonsocket, R.I.....	16
78	Moss Point, Miss.....	14		Tennessee	
79	Pascagoula, Miss.....	16	113	Dyersburg, Tenn.....	16
80	Vicksburg, Miss.....	16	114	Gallatin, Tenn.....	14
	Missouri		115	Knoxville, Tenn.....	15
81	Columbia, Mo.....	14	116	Lebanon, Tenn.....	14
82	Kansas City, Mo.....	16	117	Memphis, Tenn.....	16
83	Mexico, Mo.....	14	118	Morristown, Tenn.....	16
84	Moberly, Mo.....	13	119	Nashville, Tenn.....	16
85	St. Louis, Mo.....	16	120	Newbern, Tenn.....	16
	Nevada			Texas	
86	Reno, Nev.....	15	121	Austin, Tex.....	14
	New Jersey		122	Borger, Tex.....	14
87	Atlantic City, N.J.....	15	123	Corpus Christi, Tex.....	14
88	Bayonne, N.J.....	16	124	Dallas, Tex.....	14
89	Camden, N.J.....	16	125	Denison, Tex.....	14
90	Edison Township, N.J.....	16	126	El Paso, Tex.....	14
91	Hoboken, N.J.....	16	127	Fort Worth, Tex.....	14
92	Jersey City, N.J.....	14	128	Galveston, Tex.....	16
93	Morristown, N.J.....	13	129	Gladewater, Tex.....	13
94	Newark, N.J.....	16	130	Harlingen, Tex.....	14
95	Princeton, N.J.....	10	131	Houston, Tex.....	14
96	Trenton, N.J.....	8	132	Orange, Tex.....	16
97	Union City, N.J.....	14	133	San Antonio, Tex.....	14
	New York		134	Wichita Falls, Tex.....	14
98	Albany, N.Y.....	16		Virginia	
99	Buffalo, N.Y.....	15	135	Newport News, Va.....	16
100	Freeport, N.Y.....	16	136	Richmond, Va.....	14
101	Syracuse, N.Y.....	16		Washington	
102	Tuckahoe, N.Y.....	14	137	Seattle, Wash.....	16
	North Carolina			West Virginia	
103	Durham, N.C.....	16	138	Wheeling, W. Va.....	16
104	Wilmington, N.C.....	14		Wisconsin	
105	Wilson, N.C.....	16	139	Milwaukee, Wis.....	16
106	Winston-Salem, N.C.....	16	140	U.S. Summary.....	37
	Ohio				
107	Cincinnati, Ohio.....	14			

1960 CENSUSES OF POPULATION AND HOUSING: SERIES PHC (1), CENSUS TRACTS

Report No.	Standard metropolitan statistical area	Date issued	No. of pages	Price	Report No.	Standard metropolitan statistical area	Date issued	No. of pages	Price
1	Abilene, Texas ²	2-62	41	\$.40	35	Davenport-Rock Island-Moline, Iowa-Ill. ¹	4-62	40	\$.40
2	Akron, Ohio	4-62	65	.60	36	Dayton, Ohio ²	4-62	68	.70
3	Albany-Schenectady-Troy, N.Y.	4-62	80	1.00	37	Decatur, Ill.	5-62	50	.45
4	Albuquerque, New Mexico	11-61	58	.70	38	Denver, Colo.	12-61	121	1.00
5	Allentown-Bethlehem-Easton, Pa.-N.J. ²	4-62	44	.40	39	Des Moines, Iowa	1-62	48	.40
6	Altoona, Pa. ¹	3-62	27	.30	40	Detroit, Mich.	5-62	397	2.50
7	Ann Arbor, Mich.	3-62	51	.60	41	Duluth-Superior, Minn.-Wis. ¹	1-62	38	.50
8	Atlanta, Ga.	5-62	134	1.00	42	Durham, N.C.	12-61	37	.35
9	Atlantic City, N.J. ¹	2-62	30	.30	43	El Paso, Texas	3-62	47	.40
10	Augusta, Ga.-S.C. ²	1-62	37	.35	44	Erie, Pa.	3-62	46	.40
11	Austin, Texas	2-62	46	.40	45	Evansville, Ind.-Ky.	2-62	46	.40
12	Bakersfield, Calif. ³	5-62	73	1.00	46	Fall River, Mass.-R.I.	1-62	34	.35
13	Baltimore, Md.	2-62	197	1.50	47	Flint, Mich.	3-62	54	.50
14	Baton Rouge, La.	12-61	42	.40	48	Fort Smith, Ark. ¹	12-61	26	.30
15	Beaumont-Port Arthur, Texas ²	3-62	57	.50	49	Fort Wayne, Ind.	2-62	46	.40
16	Binghamton, N.Y.	4-62	37	.50	50	Fort Worth, Texas	3-62	88	.75
17	Birmingham, Ala.	12-61	75	.60	51	Fresno, Calif.	5-62	92	.75
18	Boston, Mass. ³	5-62	238	1.75	52	Gadsden, Ala.	12-61	34	.35
19	Bridgeport, Conn.	12-61	57	.50	53	Galveston-Texas City, Texas	3-62	39	.50
20	Brockton, Mass.	1-62	29	.30	54	Gary-Hammond-East Chicago, Ind.	2-62	56	.50
21	Buffalo, N.Y.	4-62	128	1.00	55	Grand Rapids, Mich. ²	3-62	40	.40
22	Canton, Ohio	3-62	53	.70	56	Green Bay, Wis. ¹	1-62	26	.30
23	Charleston, S.C.	2-62	52	.60	57	Greensboro-High Point, N.C.	1-62	55	.45
24	Charlotte, N.C.	1-62	61	.50	58	Greenville, S.C.	1-62	42	.40
25	Chattanooga, Tenn.-Ga. ²	1-62	49	.40	59	Hamilton-Middletown, Ohio	3-62	39	.40
26	Chicago, Ill.	7-62	682	4.25	60	Harrisburg, Pa.	3-62	65	.65
27	Cincinnati, Ohio-Ky. ²	4-62	104	1.00	61	Hartford, Conn. ³	12-61	86	1.00
28	Cleveland, Ohio	4-62	190	1.50	62	Honolulu, Hawaii	3-62	88	1.00
29	Colorado Springs, Colo.	12-61	59	.60	63	Houston, Texas	3-62	115	1.00
30	Columbia, S.C.	2-62	50	.40	64	Indianapolis, Ind.	2-62	140	1.25
31	Columbus, Ga.-Ala.	1-62	50	.40	65	Jackson, Mich.	3-62	34	.35
32	Columbus, Ohio	4-62	89	.75	66	Jacksonville, Fla. ¹	2-62	37	.35
33	Corpus Christi, Texas	2-62	43	.40	67	Jersey City, N.J.	2-62	98	1.00
34	Dallas, Texas	3-62	198	1.50					

See footnotes at end of listing.

1960 CENSUSES OF POPULATION AND HOUSING: SERIES PHC(1), CENSUS TRACTS--Continued

Report No.	Standard metropolitan statistical area	Date issued	No. of pages	Price	Report No.	Standard metropolitan statistical area	Date issued	No. of pages	Price
68	Johnstown, Pa. ²	4-62	33	\$.35	103	New Orleans, La.	12-61	112	\$1.00
69	Kalamazoo, Mich.	3-62	40	.35	104	New York, N.Y.			
70	Kansas City, Mo.-Kans. ^{2,3}	4-62	146	1.25		Part 1. New York City	8-62	1,060	6.25
71	Knoxville, Tenn. ¹	12-61	37	.35		Part 2. Outside New York City	6-62	299	2.00
72	Lancaster, Pa.	3-62	44	.60	105	Newark, N.J.	4-62	218	1.50
73	Lansing, Mich. ²	3-62	60	.50	106	Newport News-Hampton, Va. ²	1-62	36	.35
74	Laredo, Texas	2-62	31	.35	107	Norfolk-Portsmouth, Va.	1-62	100	1.00
75	Las Vegas, Nev. ¹	11-61	28	.30	108	Norwalk, Conn. ²	12-61	34	.35
76	Lawrence-Haverhill, Mass.-N.H. ²	1-62	34	.35	109	Odessa, Texas	3-62	40	.35
77	Lexington, Ky.	12-61	52	.45	110	Ogden, Utah ³	10-61	37	.50
78	Lima, Ohio	4-62	34	.35	111	Oklahoma City, Okla. ²	2-62	94	.75
79	Lincoln, Nebr. ²	12-61	44	.40	112	Omaha, Nebr.-Iowa	1-62	76	.70
80	Little Rock-North Little Rock, Ark.	12-61	66	.55	113	Orlando, Fla. ²	2-62	63	.70
81	Lorain-Elyria, Ohio	5-62	46	.40	114	Paterson-Clifton-Passaic, N.J.	2-62	122	1.00
82	Los Angeles-Long Beach, Calif.	7-62	892	4.75	115	Peoria, Ill.	5-62	49	.45
83	Louisville, Ky.-Ind.	2-62	114	1.00	116	Philadelphia, Pa.-N.J.	6-62	481	3.00
84	Lowell, Mass.	12-61	38	.35	117	Phoenix, Ariz.	1-62	98	1.00
85	Lubbock, Texas ¹	3-62	31	.35	118	Pittsburgh, Pa.	5-62	319	2.25
86	Macon, Ga. ²	12-61	41	.35	119	Pittsfield, Mass. ³	1-62	30	.30
87	Madison, Wis.	12-61	38	.50	120	Portland, Maine	12-61	39	.35
88	Manchester, N.H.	11-61	31	.30	121	Portland, Oreg.-Wash.	5-62	146	1.25
89	Memphis, Tenn.	12-61	84	1.00	122	Providence-Pawtucket, R.I.-Mass. ³	4-62	121	1.00
90	Miami, Fla.	2-62	132	1.25	123	Pueblo, Colo.	11-61	54	.45
91	Middlesex County, N.J. ⁴	2-62	63	.55	124	Raleigh, N.C.	12-61	53	.50
92	Milwaukee, Wis.	2-62	156	1.50	125	Reading, Pa.	4-62	48	.45
93	Minneapolis-St. Paul, Minn.	5-62	174	1.50	126	Richmond, Va.	2-62	64	.65
94	Mobile, Ala. ¹	12-61	41	.45	127	Rochester, N.Y.	4-62	82	1.00
95	Monroe, La. ²	2-62	36	.35	128	Rockford, Ill.	5-62	56	.40
96	Montgomery, Ala.	1-62	37	.35	129	Sacramento, Calif. ³	5-62	88	1.00
97	Muncie, Ind.	2-62	35	.35	130	Saginaw, Mich.	3-62	44	.40
98	Muskegon-Muskegon Heights, Mich. ²	3-62	34	.35	131	St. Louis, Mo.-Ill.	5-62	194	1.50
99	Nashville, Tenn.	12-61	65	.70	132	Salt Lake City, Utah ³	11-61	59	.50
100	New Bedford, Mass. ¹	12-61	34	.35	133	San Angelo, Texas ¹	3-62	28	.35
101	New Britain, Conn. ³	12-61	33	.35	134	San Antonio, Texas	3-62	84	1.00
102	New Haven, Conn.	12-61	53	.60	135	San Bernardino-Riverside-Ontario, Calif.	5-62	141	1.25

See footnotes at end of listing.

1960 CENSUSES OF POPULATION AND HOUSING: SERIES PHC(1), CENSUS TRACTS--Continued

Report No.	Standard metropolitan statistical area	Date issued	No. of pages	Price	Report No.	Standard metropolitan statistical area	Date issued	No. of pages	Price
136	San Diego, Calif.	5-62	178	\$1.50	158	Toledo, Ohio	4-62	86	\$.65
137	San Francisco-Oakland, Calif.	6-62	410	2.75	159	Topeka, Kans.	2-62	57	.50
138	San Jose, Calif.	5-62	157	1.25	160	Trenton, N.J.	2-62	48	.40
139	Santa Barbara, Calif.	5-62	42	.60	161	Tucson, Ariz.	1-62	57	.50
140	Savannah, Ga.	1-62	50	.40	162	Tulsa, Okla. ²	1-62	91	.70
141	Scranton, Pa. ¹	3-62	32	.30	163	Tyler, Texas	3-62	41	.40
142	Seattle, Wash.	2-62	133	1.25	164	Utica-Rome, N.Y.	4-62	59	.75
143	Shreveport, La.	12-61	67	.55	165	Waco, Texas	3-62	59	.60
144	Sioux City, Iowa ¹	12-61	27	.30	166	Washington, D.C.- Md.-Va.	5-62	210	1.50
145	Somerset County, N.J. ⁴	1-62	33	.35	167	Waterbury, Conn.	12-61	41	.40
146	South Bend, Ind.	2-62	45	.40	168	Waterloo, Iowa	12-61	39	.35
147	Spokane, Wash.	2-62	55	.50	169	Wheeling, W. Va.- Ohio ²	3-62	27	.30
148	Springfield, Mo.	2-62	33	.35	170	Wichita, Kans.	2-62	80	.65
149	Springfield, Ohio	4-62	45	.45	171	Wichita Falls, Texas ¹	2-62	34	.35
150	Springfield-Chicopee-Holyoke, Mass. ²	4-62	54	.45	172	Wilkes-Barre-Hazleton, Pa.	3-62	59	1.00
151	Stamford, Conn.	12-61	39	.60	173	Wilmington, Del.-N.J.	1-62	76	.75
152	Steubenville-Weirton, Ohio-W. Va.	4-62	47	.60	174	Winston-Salem, N.C.	12-61	58	.50
153	Stockton, Calif.	5-62	69	.70	175	Worcester, Mass. ³	1-62	46	.60
154	Syracuse, N.Y.	4-62	70	.75	176	York, Pa. ²	3-62	29	.30
155	Tacoma, Wash.	3-62	52	.60	177	Youngstown-Warren, Ohio ^{2, 3}	4-62	66	.55
156	Tampa-St. Petersburg, Fla.	4-62	103	1.00	178	Mayaguez, P.R.	6-62	44	.40
157	Texarkana, Tex.-Ark. ¹	2-62	29	.30	179	Ponce, P.R.	5-62	50	.50
					180	San Juan, P.R. ³	6-62	115	1.00
Total cost of individual reports.....								\$136.45	

¹ Only central city (or cities) tracted.² Central city (or cities) and only part of balance of SMSA tracted.³ Report also shows tracts outside SMSA.⁴ Area covered by this report is a county which is not part of an SMSA.

Appendix H. Cost, Man-Hours, and Progress

The tables on costs, man-hours, and progress are all preliminary. The data were drawn from a variety of sources, some of which were records maintained internally within an operation for the purpose of controlling that activity. Other sources used, such as the official financial accounts, were still in the process of final checking for completeness and accuracy of classification when these data were abstracted from them.

The data presented here are intended to show general magnitudes and quantitative relationships of various

activities. Precise inter-table consistency is neither sought nor deemed to be important. For example, the \$59,009,000 shown in table 3 for "Field enumeration" is consistent with, but not actually the same as, the \$58,989,000 shown for the same activity in table 7.

Numbers are shown to the nearest thousand for convenience; they are not necessarily that accurate.

Table 1.--AMOUNTS APPROPRIATED BY THE CONGRESS
EACH YEAR FOR EIGHTEENTH DECENNIAL CENSUS

(Appropriated funds were available for the entire census period. See the following tables for actual expenditures by fiscal year)

Fiscal year	Type of appropriation	Amount appropriated
	TOTAL.....	\$127,934,785
1958	Regular.....	3,250,000
	Special to cover pay increase.....	19,271
1959	Regular.....	7,000,000
	Special to cover pay increase.....	351,000
1960	Regular.....	86,500,000
1961	Regular.....	17,500,000
	Supplemental.....	8,500,000
	Special to cover pay increase.....	1,194,000
1962	Regular.....	3,630,000
1963	Special to cover pay increase.....	38,000
	Returned to treasury.....	-47,486

Table 2A.—COST OF EIGHTEENTH DECENNIAL CENSUS BY MAJOR CLASSES: 1958 TO 1963

(Years ending June 30. In thousands of dollars. Figures may not add exactly because of rounding)

Major class	Total	1958	1959	1960	1961	1962	1963
Appropriation.....	127,935						
Allowance for depreciation ¹	963						
<u>Total cost of Eighteenth Decennial Census.....</u>	<u>128,898</u>	<u>2,141</u>	<u>7,641</u>	<u>89,639</u>	<u>18,764</u>	<u>7,393</u>	<u>3,321</u>
<u>Shared costs².....</u>	<u>12,533</u>	<u>897</u>	<u>3,846</u>	<u>3,939</u>	<u>2,365</u>	<u>1,025</u>	<u>461</u>
General administration ^{2 3}	5,950	212	569	2,246	1,839	790	294
General research (excluding pretests and Evaluation and Research Program for (1) population and housing censuses—see tables 2C and 6; and (2) for agriculture census) ²	914	86	112	134	238	203	141
Capital outlay (see table 2B) ²	5,669	599	3,165	1,559	288	32	26
<u>U.S. Population and Housing Censuses (see table 2C)².....</u>	<u>91,362</u>	<u>1,012</u>	<u>2,845</u>	<u>68,568</u>	<u>11,509</u>	<u>4,807</u>	<u>2,621</u>
Planning (including tabulation planning and publication planning)	6,061	695	1,047	1,107	1,532	1,181	499
Geographic work.....	4,454	288	1,273	1,867	894	110	20
Field enumeration.....	63,980	10	33	62,982	881	67	7
Data processing.....	13,015	19	476	1,946	6,846	2,341	1,388
Publication program.....	1,890	-	16	36	567	741	530
Evaluation program.....	1,846	-	-	583	767	367	129
Miscellaneous.....	116	-	-	47	22	-	48
<u>Puerto Rico population and housing censuses and censuses of other outlying areas² (see table 2D).....</u>	<u>1,184</u>	<u>-</u>	<u>17</u>	<u>706</u>	<u>361</u>	<u>96</u>	<u>4</u>
<u>Survey of Components of Change and Residential Finance² (see table 2E).....</u>	<u>2,840</u>	<u>-</u>	<u>243</u>	<u>1,592</u>	<u>553</u>	<u>333</u>	<u>120</u>
<u>1959 agriculture, irrigation, and drainage censuses, U.S. and Puerto Rico² (see table 2F).....</u>	<u>20,978</u>	<u>232</u>	<u>690</u>	<u>14,834</u>	<u>3,976</u>	<u>1,132</u>	<u>115</u>

See footnotes at end of table 2F.

The estimated total cost of the 1960 Population and Housing Censuses (including the Puerto Rico population and housing censuses and the censuses of other outlying areas and the Survey of Components of Change and Residential Finance, and including an estimate of the proportionate share of the costs shared by these censuses and the agriculture censuses) is \$106.2 million. The estimated total cost of the 1959 Censuses of Agriculture, Irrigation, and Drainage is \$22.7 million. See footnote 2 at end of table 2F.

Table 2B.--CAPITAL OUTLAY: EIGHTEENTH DECENNIAL CENSUS

(Years ending June 30. Thousands of dollars. Figures may not add exactly because of rounding. Does not include payments in 1960 totaling \$1,471,190 to two universities to assist in the purchase of 1105 systems compatible with the Bureau of the Census computer systems. Although these were fixed payments entitling the Bureau to fixed fractions of the available time on the two computer systems, they were treated as prepayment of rent. In the accounts and in these tables, this payment is distributed throughout the costs for computer time see table 2C)

Activity	Total	1958	1959	1960	1961	1962	1963
TOTAL.....	5,669	599	3,165	1,559	288	32	26
Two 1105 computers and replacement parts, purchase....	2,792	126	2,648	18	(-2)	-	-
Installation of computers.....	234	187	14	21	12	(-2)	-
Magnetic computer tape, purchase.....	548	-	19	373	135	21	-
FOSDIC construction and installation (parts and labor) ⁴	578	196	318	64	-	-	-
Auxiliary equipment for use with computers, FOSSDIC (e.g., test equipment, tape storage facilities, etc.), purchase.....	294	90	55	141	8	-	-
Other electronic equipment, purchase.....	5	-	-	1	-	-	4
Univac I, Serial 13, purchase ⁶	170	-	-	170	-	-	-
Other purchases: office furniture and equipment (other than field office), etc.....	805	-	46	599	127	11	22
Construction and modification of equipment (parts and labor).....	66	-	-	58	8	-	-
Census of Agriculture capital acquisitions.....	178	-	63	115	-	-	-

See footnotes at end of table 2F.

Table 2C.--COST OF U.S. POPULATION AND HOUSING CENSUSES BY ACTIVITIES, 1958 TO 1963

(Years ending June 30. Thousands of dollars. Figures may not add exactly because of rounding. Costs of the 1960 population and housing censuses excluding the censuses of Puerto Rico and the other outlying areas (see table 2D), excluding the Survey of Components of Change and Residential Finance (see table 2E), and excluding those expenses shared by these censuses and by the 1959 Censuses of Agriculture, Irrigation, and Drainage (see table 2A). An estimate of the total cost of the 1960 population and housing censuses including these elements is given at the foot of table 2A)

Activity	Total	1958	1959	1960	1961	1962	1963
TOTAL.....	91,362	1,012	2,845	68,568	11,509	4,807	2,621
PLANNING.....	6,061	695	1,047	1,107	1,532	1,181	499
Population census planning (excluding pretests) and preparation (including tabulation and publication planning) ⁷	3,801	315	536	802	1,084	719	345
Housing census planning (excluding pretests) and preparation (including tabulation and publication planning).....	1,906	174	376	292	448	462	153
Pretests ⁸	352	205	133	14	-	-	-
GEOGRAPHIC WORK.....	4,454	288	1,273	1,867	894	110	20
Research, development, planning.....	331	84	184	-	(Z)	44	19
Preparatory work establishing statistical areas.....	356	89	266	(Z)	-	(-Z)	-
Census county divisions.....	132	70	62	-	-	-	-
Census tracts.....	76	11	65	(Z)	-	-	-
Urbanized areas.....	54	1	54	(Z)	-	(-Z)	-
Unincorporated places.....	93	8	86	(-Z)	-	(-Z)	-
Preparation of maps for enumeration.....	2,953	114	822	1,683	334	(-Z)	-
Collection of maps and boundary data.....	318	90	227	(Z)	-	-	-
Map compilation and drafting.....	210	24	185	1	-	-	-
Preparation of base maps.....	2,126	-	151	1,642	334	(-Z)	-
Designation of ED's.....	111	-	84	27	-	-	-
Block numbering.....	24	-	24	-	-	-	-
Reproduction of maps.....	147	-	137	10	-	-	-
Other.....	17	-	14	3	-	-	-
Preparation of maps for publication.....	815	-	1	184	560	68	1
FIELD ENUMERATION.....	63,980	10	33	62,982	881	67	7
Printing for enumeration (schedules, manuals, training materials, administrative forms, etc.) (See also tables 4 and 5).....	1,719	10	29	1,680	-	-	-
Preparatory operations.....	2,076	-	-	2,076	-	-	-
Collection of furniture for field offices ⁹	114	-	4	116	(Z)	-1	-5
Field equipment.....	77	-	-	77	-	-	-
Regional Offices and Washington headquarters expenses for field enumeration.....	3,214	-	-	¹⁰ 2,696	469	43	6
District Offices and enumeration.....	56,380	-	-	55,979	400	1	(Z)
General operating, leave, benefits ²	1,724	-	-	1,702	21	(Z)	(Z)
Payments to personnel:							
Salaries and, for enumerators, piece-rate payments:							
District Office.....	3,755	-	-	3,736	19	-	-
Crew Leaders.....	8,495	-	-	8,430	65	(Z)	(Z)
Enumerators.....	35,439	-	-	35,220	219	1	(Z)
Travel.....	4,452	-	-	4,431	21	(-Z)	(Z)
Rents and utilities.....	645	-	-	612	33	(Z)	-
Communications.....	647	-	-	636	11	(Z)	(-Z)
Other.....	1,223	-	-	1,212	11	(Z)	(Z)

See footnotes at end of table 2F.

Table 2C.--COST OF U.S. POPULATION AND HOUSING CENSUSES BY ACTIVITIES, 1958 TO 1963--Continued

Activity	Total	1958	1959	1960	1961	1962	1963
Post Office allocation of "Individual Census Records" to ED's.....	200	-	-	200	-	-	-
Enumeration time and cost study: Planning, preparatory work, enumeration, data processing, and analysis.....	199	-	-	158	12	23	5
DATA PROCESSING.....	13,015	19	476	1,946	6,846	2,341	1,388
Administration.....	3,226	-	343	932	1,187	529	236
Maintenance of Jeffersonville Branch of Decennial Operations Division (transportation, installation and maintenance of equipment; rent; etc.).....	463	-	107	11	290	55	-
Receipt and control of enumeration books, listing books, etc.....	309	-	-	93	202	12	2
Coding.....	2,431	-	-	136	2,295	-	-
Microfilming (including breaker-sheet preparation).....	784	-	-	151	619	20	-6
FOSDIC maintenance and operation.....	495	-	25	153	297	20	(-2)
Computer programing and control by Decennial Operations Division (except for Population Census Vols. II & III).....	1,469	-	-	260	647	523	39
Computer program and control by Data Processing Systems Division.....	206	-	-	31	114	61	-
Computer and high-speed printer time (except for Population Vols. II & III).....	1,620	-	-	7	544	910	159
Computer programing and control and computer and high-speed printer time for Population Vols. II & III.....	1,211	-	-	-	-	69	1,142
Review of computer output ("diary review") and reconciliation.....	591	-	-	12	471	108	-
Table compilation and review for data-processing errors	114	-	-	9	53	35	17
Supplemental programs ¹¹	218	-	-	96	121	(2)	-
Unallocated ¹²	-122	19	-	54	6	-	-201
PUBLICATION PROGRAM.....	1,890	-	16	36	567	741	530
Printing all population and housing census reports.....	1,452	-	-	3	483	609	357
General operating, leave, benefits ⁵	199	-	-	-	100	82	17
Payments to personnel:							
Salaries.....	461	-	-	-	230	174	57
Travel.....	1	-	-	-	(2)	(2)	-
Commerce Dept. and GPO printing and binding ¹³	705	-	-	3	120	324	259
Other contract services, Federal gov't.....	1	-	-	-	1	-	-
Other contract services, nongovernmental.....	30	-	-	-	13	7	9
Other.....	55	-	-	-	19	22	14
Census documentation, presentation and coordination of publications, etc. ¹⁴	313	-	16	27	62	74	133
Monograph program.....	73	-	-	7	10	17	40
Unpublished census data program.....	53	-	-	-	12	41	-

See footnotes at end of table 2F.

Table 2C.--COST OF U.S. POPULATION AND HOUSING CENSUSES BY ACTIVITIES, 1958 TO 1963--Continued

Activity	Total	1958	1959	1960	1961	1962	1963
EVALUATION AND RESEARCH PROGRAM (SEE ALSO TABLE 6).....	1,846	-	-	583	767	367	129
Population and housing census evaluation and research projects.....	1,782	-	-	583	724	350	126
Match of Current Population Survey (CPS) and census records.....	64	-	-	-	43	18	3
MISCELLANEOUS.....	116	-	-	47	22	-	48
Publicity.....	68	-	-	47	22	-	-
Positive copy microfilm of 1960 census schedules.....	48	-	-	-	-	-	48

See footnotes at end of table 2F.

Table 2D.--COST OF PUERTO RICO POPULATION AND HOUSING CENSUSES AND CENSUSES OF OTHER OUTLYING AREAS, 1958 TO 1963

(Years ending June 30. Thousands of dollars. Figures may not add exactly because of rounding. Table 2A shows expenses shared by the 1960 Censuses of Population and Housing, the Survey of Components of Change and Residential Finance, the 1959 Censuses of Agriculture, Irrigation, and Drainage, and the censuses of the outlying areas of the United States. Any estimate of the total cost of the population and housing censuses of Puerto Rico or of the censuses of the other outlying areas should include an estimate of the proportionate share of these expenses)

Activity	Total	1958	1959	1960	1961	1962	1963
Total.....	1,184	-	17	706	361	96	4
Puerto Rico pretest.....	11	-	11	-	-	-	(-2)
Puerto Rico, other.....	1,064	-	-	649	317	94	4
Trust Territories of the Pacific ¹⁵	6	-	6	-	-	-	-
Other outlying areas.....	103	-	-	57	44	2	-

See footnotes at end of table 2F.

Table 2E.--COST OF SURVEY OF COMPONENTS OF CHANGE AND RESIDENTIAL FINANCE, 1958 TO 1963

(Years ending June 30. Thousands of dollars. Figures may not add exactly because of rounding. Table 2A shows expenses shared by the 1960 Censuses of Population and Housing, the Survey of Components of Change and Residential Finance (SCARF) the 1959 Censuses of Agriculture, Irrigation, and Drainage, and the censuses of the outlying areas of the United States. Any estimate of the total cost of the SCARF program should include an estimate of the proportionate share of these expenses)

Activity	Total	1958	1959	1960	1961	1962	1963
TOTAL.....	2,840	-	243	1,592	553	333	120
General operating, leave, benefits ⁵	417	-	65	170	94	66	22
Payments to personnel:							
Salaries.....	1,838	-	152	1,112	359	160	55
Travel.....	214	-	16	174	25	(2)	-
All other.....	371	-	11	136	75	107	43

See footnotes at end of table 2F.

Table 2F.--COST OF 1959 AGRICULTURE, IRRIGATION, AND DRAINAGE CENSUSES, UNITED STATES AND PUERTO RICO, 1958 TO 1963

(Years ending June 30. Thousands of dollars. Figures may not add exactly because of rounding. Table 2A shows expenses shared by the 1960 Censuses of Population and Housing, the Survey of Components of Change and Residential Finance, the 1959 Censuses of Agriculture, Irrigation, and Drainage, and the censuses of the outlying areas of the United States. An estimate of the total cost of the 1959 Censuses of Agriculture, Irrigation, and Drainage including an estimate of the proportionate share of these shared costs is given at the foot of table 2A)

Activity	Total	1958	1959	1960	1961	1962	1963
TOTAL.....	20,978	232	690	14,834	3,976	1,132	115
General operating, leave, benefits ⁵	1,896	74	173	911	518	210	10
Payments to personnel:							
Salaries.....	14,265	139	364	10,374	2,645	709	34
Travel.....	2,398	6	46	2,139	186	22	(Z)
All other.....	2,420	13	107	1,410	627	192	71

-Represents zero.

(Z) Less than \$500.

(-Z) Credit (adjustment for overcharge), less than \$500.

¹This was not an expenditure. It is a total of accounting figures which were added to and are included in the detailed figures for expenditures in these tables to represent the proportionate share of deterioration of equipment used in the Eighteenth Decennial Census. It should be prorated in the appropriate places by anyone using the figures in the tables; most of this allowance for depreciation is in the figures for cost of computer time in table 2C.

²Eighteenth Decennial Census shared costs are for personnel, equipment, supplies, etc., shared by the 1960 Censuses of Population and Housing, the Survey of Components of Change and Residential Finance (SCARF), the 1959 Censuses of Agriculture, Irrigation, and Drainage, and the censuses of the outlying areas. Estimates of the total cost of (a) the 1960 population and housing censuses (including the censuses of the outlying areas and SCARF and including an estimate of the proportionate share of the shared costs), and (b) the 1959 Censuses of Agriculture, Irrigation, and Drainage are given at the foot of table 2A. Any estimate of the total cost of the Censuses of Population and Housing without SCARF and the outlying areas, or of SCARF alone, or of the censuses of the outlying areas, should include an estimate of the proportionate share of the shared costs.

³Prorated charges for (a) Bureau general expense, i.e., the executive staff and the expenses of certain administrative divisions of Census Bureau which perform services and operations for the other divisions, (b) employees' sick leave and vacations, and (c) employee benefits, e.g., retirement funds (for years after fiscal year 1960).

⁴Prior to fiscal year 1958, approximately \$375,000 was spent for FOSDIC development in fiscal years 1951-57: \$18,000; \$47,000; \$82,000; \$15,000; \$13,000; \$45,000; \$155,000, respectively.

⁵Prorated charges for (a) division general expense (salaries of division chiefs and their immediate central staffs, and supplies and other charges for their functions), (b) employees' sick leave and vacations, and (c) employee benefits, e.g., retirement funds.

⁶Two Univac I computers, serial Nos. 1 and 13, were traded in on the two Univac 1105's for an \$800,000 credit. They were later repurchased: serial No. 13 was repurchased for \$248,000, of which \$170,000 was charged to the Eighteenth Decennial Census; serial No. 1 was purchased for \$120,000 (\$3,000 a month for 40 months), none of which was charged to the Eighteenth Decennial Census.

⁷Includes some items used for both the population and housing censuses.

⁸In the case of a number of special censuses of local areas which also served as pretests, only the additional expense incurred thereby was charged to the Eighteenth Decennial Census.

⁹The temporary field offices were furnished with excess office furniture from other Federal agencies. (See section on "Supplies, Equipment, and Logistics" in Part I, Chapter 5, "Other Preparatory Work.")

¹⁰Includes \$1,876,000 for direct field costs plus \$504,000 for postal services, \$243,000 for miscellaneous procurement, and \$73,000 for miscellaneous costs.

¹¹See section on "Special Projects" in Part I, Chapter 8, "Processing the Data."

¹²For convenience of administration and accounting, a uniform hourly charge for electronic data-processing time was assessed regardless of whether the work was for the Eighteenth Decennial Census or some other activity. The hourly rate included, in addition to operating and maintenance costs, an amount for amortizing the capital investment. Because capital outlays for much of the equipment were defrayed from Eighteenth Decennial Census appropriations, there were periodic adjustments of charges for electronic data-processing time which had been assessed against the Eighteenth Decennial Census.

¹³See table 8 for detailed figures.

¹⁴Part of this cost is for the 1959 Census of Agriculture.

¹⁵This census was conducted by the Bureau of the Census but almost all costs were borne by the Department of Interior.

Table 3.—COST PER PERSON ENUMERATED OF PAYMENTS OF ENUMERATORS BY CENSUS PROCEDURE, TYPE OF DISTRICT, AND METHOD OF PAYMENT: 1960 POPULATION AND HOUSING CENSUSES

(Excludes payment for use of automobile and for telephone calls and other expenses incurred by enumerators)

Type of District Office and method of payment ¹	Single-stage ED's	Two-stage ED's		
		Total ²	Stage I	Stage II
All District Offices				
1. Piece-rate enumeration in piece-rate ED's (including training and field-review fees, and 5¢ per mile for time en route where applicable).....	16.3¢	16.2¢	11.4¢	19.0¢
2. All enumeration in piece-rate ED's (includes all hourly-rate cleanup in piece-rate ED's).....	16.7¢	16.8¢	11.9¢	19.7¢
3. Hourly-rate ED's.....	26.5¢	26.7¢	18.4¢	33.1¢
4. All ED's.....	17.7¢	18.3¢	12.4¢	23.4¢
5. Ratio of cost for all ED's to cost for piece-rate enumeration (line 4 + line 1).....	1.09	1.13	1.09	1.23
District Offices in SMSA's having cities of 500,000 or more inhabitants				
1. Piece-rate enumeration in piece-rate ED's (including training and field-review fees, and 5¢ per mile for time en route where applicable).....	-	15.7¢	11.1¢	18.2¢
2. All enumeration in piece-rate ED's (includes all hourly-rate cleanup in piece-rate ED's).....	-	16.5¢	11.7¢	19.1¢
3. Hourly-rate ED's.....	-	26.0¢	17.4¢	34.3¢
4. All ED's.....	-	18.4¢	12.3¢	24.2¢
5. Ratio of cost for all ED's to cost for piece-rate enumeration (line 4 + line 1).....	-	1.17	1.11	1.33
District Offices in SMSA's having cities of 100,000 to 500,000 inhabitants				
1. Piece-rate enumeration in piece-rate ED's (including training and field-review fees, and 5¢ per mile for time en route where applicable).....	³ 14.6¢	15.9¢	11.2¢	18.7¢
2. All enumeration in piece-rate ED's (includes all hourly-rate cleanup in piece-rate ED's).....	³ 14.6¢	16.6¢	11.7¢	19.4¢
3. Hourly-rate ED's.....	³ 16.4¢	29.1¢	20.5¢	34.4¢
4. All ED's.....	³ 14.7¢	18.4¢	12.4¢	23.9¢
5. Ratio of cost for all ED's to cost for piece-rate enumeration (line 4 + line 1).....	³ 1.01	1.16	1.11	1.27
District Offices not in large SMSA's				
1. Piece-rate enumeration in piece-rate ED's (including training and field-review fees, and 5¢ per mile for time en route where applicable).....	16.5¢	16.9¢	11.9¢	19.9¢
2. All enumeration in piece-rate ED's (includes all hourly-rate cleanup in piece-rate ED's).....	16.9¢	17.2¢	12.1¢	20.5¢
3. Hourly-rate ED's.....	27.0¢	26.1¢	18.7¢	29.7¢
4. All ED's.....	18.1¢	18.1¢	12.5¢	22.3¢
5. Ratio of cost for all ED's to cost for piece-rate enumeration (line 4 + line 1).....	1.10	1.08	1.05	1.12

- Represents zero.

¹The classification of areas is based on the 1960 definition of the metropolitan area and the 1950 population of the largest city in the area. The District Offices classified in any one group are those for which more than half the workload was in the specified type of area.

²Computed by adding one-fourth of the stage II unit cost to the stage I unit cost.

³This group consists of only six District Offices which enumerated about 3 million persons, and these estimates are subject to relatively large sampling errors.

Source: Payrolls for a 1-percent sample of enumerators.

Table 4.--COST OF PRINTING AND BINDING: 1960 CENSUSES OF POPULATION AND HOUSING

Item	Cost, fiscal years 1960-63
TOTAL.....	\$2,733,355
Printing and binding for enumeration (see also tables 2C and 5).....	¹ 1,923,751
Questionnaires, schedules, training material, reference manuals, etc., to April 1, 1960.....	² 1,636,624
Binding FOSDIC enumeration books (salaries and supplies).....	³ 164,785
Administrative material for enumeration (personnel appointment forms, medical certificate forms, etc.)	² 122,342
Printing census results (see also table 2C).....	647,780
Advance and preliminary reports.....	20,000
Population census reports:	
Vol. I, chapter A (series PC(1)-A).....	21,931
Vol. I, chapter B (series PC(1)-B).....	46,833
Vol. I, chapter C (series PC(1)-C).....	60,453
Vol. I, chapter D (series PC(1)-D).....	86,950
Vol. II.....	36,929
Vol. III.....	12,197
Housing census reports:	
Vol. I, (series HC(1)).....	47,003
Vol. II, (series HC(2)).....	42,242
Vol. III, Blocks, (series HC(3)).....	76,921
Vol. IV, (series HC(4)), part 1A and 1B.....	7,696
Vol. IV, (series HC(4)), part 2.....	2,574
Vol. V, part 1.....	2,424
Vol. V, part 2.....	1,069
Vol. VI.....	5,243
Vol. VII.....	1,721
Census tract reports (population and housing data).....	85,675
Other census reports (see chapter 9 for titles).....	36,000
Composition, patch sheets, text, covers, titles, etc.....	30,000
Introductions for population and housing volumes.....	13,988
Reprints of reports.....	9,931
Binding (see also table 2C).....	57,401
Final reports of blocks and census tracts (buckram).....	9,955
Final reports of States (buckram).....	29,682
Housing census vol. II, part 1-7 (buckram).....	13,615
Population census vol. I, part A (buckram).....	4,149
Miscellaneous printing (including forms and instructions for data processing, and other printing).....	104,423

¹Includes salaries and supplies for binding FOSDIC books (omitted from table 5).

²Includes printing for Survey of Components of Change and Residential Finance (\$17,439) and for Puerto Rico (\$22,571) (which was omitted from table 2D).

³This item is omitted from table 5.

Table 5.--COSTS AND QUANTITIES OF MATERIAL PRINTED FOR 1960 CENSUS ENUMERATION

(Includes training and publicity materials as well as schedules, forms, etc. Excludes printing incidental to census planning and geographic work)

Item	Cost	Quantity
Total.....	¹ \$1,758,966	
Schedules and questionnaires (excluding those for pretests).....	1,419,557	172,309,300
60PH-1, 100-percent FOSDIC schedules used outside large cities.....	64,037	11,000,000
60PH-2, 100-percent FOSDIC schedules used in large cities.....	35,148	5,000,000
60PH-3(20), FOSDIC schedules for 20-percent sample outside large cities.....	110,583	20,000,000
60PH-3(5), FOSDIC schedules for 5-percent sample outside large cities.....	30,103	5,000,000
60PH-4(20), FOSDIC schedules for 20-percent sample in large cities.....	64,623	10,400,000
60PH-4(5), FOSDIC schedules for 5-percent sample in large cities.....	16,156	2,600,000
60PH-5, Advance Census Report used outside large cities.....	172,918	27,000,000
60PH-6, Advance Census Report used in large cities.....	191,322	28,000,000
60PH-7, Household sample questionnaire used outside large cities.....	267,862	8,500,000
60PH-8, Household sample questionnaire used in large cities.....	194,363	7,000,000
60PH-9, Sample individual questionnaire (Extra-Person Form).....	26,564	12,000,000
60PH-10, Individual Census Report.....	53,767	10,000,000
60PH-11, Report for Hotels, Motels, Etc.....	12,149	2,500,000
60PH-12, Notice of Enumeration.....	22,847	5,000,000
60PH-13, Report for Military and Maritime Personnel.....	21,999	2,970,000
60PH-14, Household Change Report.....	861	650,000
60PH-15, Overseas Census Report.....	8,797	1,502,000
60PH-16, Newspaper mats and proofs of "Were You Counted?" form.....	1,747	26,000
60PH-17, Notice of Required Information.....	26,217	575,000
(Alaska)		
60PH-1AL, FOSDIC schedule.....	340	30,000
60PH-2AL, FOSDIC schedule.....	747	10,000
Hawaii		
60PH-1HA, FOSDIC schedule.....	949	75,000
60PH-2HA, FOSDIC schedule.....	744	60,000
New York		
60PH-1NY, FOSDIC schedule.....	4,562	650,000
60PH-2NY, FOSDIC schedule.....	6,895	1,050,000
60PH-5NY, Advance Census Form (General).....	15,984	2,520,000
60PH-6NY, Advance Census Form (Block City).....	27,938	4,001,200
60PH-10NY, Individual Census Report.....	5,944	1,000,000
60PH-12NY, Notice of Enumeration.....	3,545	500,000
Puerto Rico		
60PH-1PR, 100-percent FOSDIC schedules used outside large cities.....	3,504	6,000
60PH-2PR, 100-percent FOSDIC schedules used in large cities (San Juan, Mayaguez, Ponce)...	769	2,000
60PH-3PR, FOSDIC schedules used for 25-percent sample households.....	6,912	223,500
60PH-5PR, Advance Census Report used outside large cities.....	4,701	602,000
60PH-6PR, Advance Census Report used in large cities.....	1,593	201,600
60PH-10PR, Individual Census Reports.....	408	100,000
Survey of Components of Change and Residential Finance		
60H-7, Components of Change—Inventory Changes.....	826	125,000
60H-7a, Components of Change—Inventory Changes.....	515	75,000
60H-8, Characteristics Schedule (FOSDIC schedule).....	2,254	450,000
60H-10, Residential Financing—Homeowner Questionnaire.....	2,427	300,000
60H-11, Residential Financing—Rental Property Questionnaire.....	1,110	225,000
60H-12, Residential Financing—Lender Questionnaire.....	4,519	300,000
60H-14, Address Sample.....	308	80,000

See footnote at end of table.

Table 5.--COSTS AND QUANTITIES OF MATERIAL PRINTED FOR 1960 CENSUS ENUMERATION--Continued

Item	Cost	Quantity
Instruction sheets and covers for enumeration books.....	46,204	2,128,000
Instruction sheets for 60PH-1 and -2 enumeration books.....	\$4,513	435,000
Covers for 60PH-1 and -2 enumeration books.....	14,854	425,000
Instruction sheets for 60PH-3 and -4 enumeration books.....	5,275	575,000
Covers for 60PH-3 and -4 enumeration books.....	18,528	587,000
Instruction sheets for 60PH-1NY and -2NY enumeration books.....	497	55,000
Covers for 60PH-1NY and -2NY enumeration books.....	2,537	51,000
Listing books.....	32,651	265,800
F-201, Listing Book--Two Stage Areas.....	23,372	200,000
60-11-201A, Listing Book--Single Stage.....	7,475	60,000
F-201C, Listing Book (Alaska).....	558	600
F-201B, Listing Book (Hawaii).....	665	1,200
F-201PR, Listing Book (Puerto Rico).....	581	4,000
Instruction Manuals.....	57,913	346,500
60-11-260, District Office Manual, Single Stage.....	929	1,000
F-250, District Office Manual.....	2,578	2,000
F-210, Enumerators Reference Manual, Single Stage.....	8,118	50,000
F-200, Enumerators Reference Manual, Stage I.....	28,803	185,000
F-200A, Enumerators Reference Manual, Stage II.....	6,570	75,000
F-240, Crew Leaders Manual, Single Stage Areas.....	1,836	4,000
F-230, Crew Leaders Manual, Stage I of Two Stage Areas.....	5,649	15,000
F-230A, Crew Leaders Manual, Stage II of Two Stage Areas.....	1,302	10,000
Puerto Rico		
F-240PR, Manual del Jefe de Grupo (crew leader's manual).....	945	500
F-210PR, Enumerator's reference manual.....	1,183	4,000
Training Materials.....	80,299	749,400
60-11-245, Practice Exercise for Field Review, Single Stage.....	1,329	6,200
F-246, Practice Exercise for Field Review, Stage I.....	2,583	36,000
F-249, Practice Exercise for Field Review, Stage II.....	1,905	12,200
F-247, Crew Leaders Guide, Stage I.....	3,443	12,000
F-247A, Crew Leaders Guide, Stage II.....	2,198	5,500
F-248, Crew Leaders Guide, Single Stage.....	2,974	4,000
60-11-272, Technical Officers Guide for Training Crew Leaders.....	415	500
Stage II Practice Exercise for 60PH-7, 60PH-8 and 60PH-9.....	4,935	306,000
F-223, Enumerators Training Work Book.....	20,095	107,000
F-224, Enumerators Training Work Book.....	17,720	86,000
F-225, Enumerators Training Work Book.....	11,023	41,000
F-226, Enumerators Training Work Book.....	2,464	8,000
F-223A, Practice Exercise Book.....	3,026	42,000
F-224A, Practice Exercise Book.....	2,312	34,000
F-225A, Practice Exercise Book.....	3,166	41,000
F-226A, Practice Exercise Book.....	711	8,000
Other Field Forms (control forms, personnel and payroll forms, etc.).....	122,342	43,432,528

¹This figure differs from the one shown in table 2C for printing for enumeration for U.S. censuses of population and housing because it includes \$17,439 for printing for SCARF enumeration and \$22,571 for printing for the census enumeration in Puerto Rico.

Table 6.--EVALUATION AND RESEARCH PROGRAM ESTIMATED EXPENDITURES BY PROJECT: 1960 CENSUSES OF POPULATION AND HOUSING

(See also table 2C)

Project	Fiscal years 1960-63
TOTAL.....	¹ \$1,874,400
Project A, Measurement of nonsampling variability: The Response Variance Study.....	434,500
Projects B and C, Measurement of coverage error by reverse record checks.....	314,000
Project D, Reenumerative studies of coverage error: Reenumeration of area sample of housing units.....	308,800
Reenumeration of list sample of persons and housing units.....	352,500
Project E, Measurement of content error in data collection: Intensive reinterviews.....	254,000
CPS-census match.....	72,000
Employer record check.....	26,500
Internal Revenue Service record check.....	42,100
Project H, Post Office coverage improvement study.....	70,000

¹The difference of \$28,000 between this figure and the corresponding one in table 2c represents some estimated expenses (principally for staff salaries) not charged to the Eighteenth Decennial Census.

Table 7.--TIME SPENT PER UNIT OF GEOGRAPHIC WORK BY MAJOR ACTIVITY: 1950 AND 1960 POPULATION AND HOUSING CENSUSES

Activity	Unit of work	Number of units		Time spent per unit	
		1950	1960	1950	1960
Planning and research.....	ED	225,000	240,000	6 minutes	28 minutes
Collection of boundary data.....	ED	225,000	240,000	64 minutes	*22 minutes
Map compilation and drafting.....	ED	225,000	240,000	36 minutes	35½ minutes
Map selection.....	ED	225,000	240,000	-	3½ minutes
Preparation of base maps.....	ED	225,000	240,000	26 minutes	26 minutes
Designation and listing of ED's.....	ED	225,000	240,000	99 minutes	35 minutes
Preparation of enumerators' and supervisors' maps.....	ED	225,000	240,000	66 minutes	23 minutes
Postal map program.....	ED	225,000	240,000	-	5 minutes
				5 hours	3 hours
Block numbering.....	Block	530,006	736,602	5 minutes	2 minutes
Preparation of minor civil division and census county division maps.....	County	3,103	3,134	18 hours	7 hours
Preparation of urbanized area maps.....	Urbanized area	157	213	115 hours	116 hours
Preparation of block identification maps.....	Part of city or SMSA	209	421	241 hours	220 hours
Preparation of tract maps.....	Tract area	69	180	258 hours	184 hours

*Excludes 8 minutes per ED spent by Field Division.

Table 8.--MAN-HOURS SPENT ON 1960 CENSUSES BY GEOGRAPHY DIVISION, BY ACTIVITY AND FISCAL YEAR

(Excludes 22,351 man-hours spent by Geography Division on special 1960 census projects which were allocated in the budget to the particular projects rather than to geographic work; of these, 15,884 man-hours were spent on the geographic work for the Survey of Components of Change and Residential Finance)

Activity	Total	Fiscal year				
		1958	1959	1960	1961	1962
TOTAL.....	1,080,823	45,598	308,494	491,171	220,298	15,262
General (Planning, management, records, review).....	66,952	15,526	12,777	13,501	24,175	973
Revision of ED's and office maps.....	72,164	-	-	42,329	29,835	-
PREPARATION FOR THE ENUMERATION						
Definition and delineation of statistical areas:						
Census tracts.....	34,118	1,781	16,100	16,237	-	-
Urbanized areas.....	27,206	136	12,771	14,299	-	-
Unincorporated places.....	23,438	1,791	20,617	1,030	-	-
Census county divisions.....	31,800	12,432	12,927	6,441	-	-
Special areas.....	1,144	-	1,144	-	-	-
Collection of map and boundary information.....	80,579	12,659	55,329	12,591	-	-
Preparation of base maps.....	88,580	-	58,902	29,270	408	-
Map compilation:						
Other than urbanized areas.....	79,615	-	63,999	15,616	-	-
Urbanized areas.....	55,643	-	-	55,643	-	-
Designation and delineation of ED's and preparation of lists of ED's:						
Other than urbanized areas.....	90,019	-	31,255	58,764	-	-
Urbanized areas.....	47,884	-	-	35,421	12,463	-
Map reproduction.....	13,961	-	7,931	6,030	-	-
Preparation of enumerators' and supervisors' maps.....	91,055	-	5,075	85,980	-	-
Block numbering.....	24,573	-	9,257	15,316	-	-
Preparation of maps for post offices.....	20,599	-	-	20,599	-	-
Redrawing unsatisfactory maps.....	26,815	1,273	-	25,494	48	-
Other.....	2,230	-	-	2,230	-	-
PREPARATION OF MAPS FOR PUBLICATION						
General (area measurement, preparation of descriptions, final preparation for publication, etc.).....	16,839	-	410	5,300	10,327	802
Census tract maps.....	38,539	-	-	76	28,640	9,823
Block identification maps.....	92,660	-	-	25,956	63,047	3,657
SMSA maps.....	3,948	-	-	-	3,948	-
Minor civil division-census county division maps.....	20,480	-	-	-	20,480	-
Summary population maps.....	5,350	-	-	-	5,350	-
Urbanized area maps.....	24,632	-	-	3,048	21,577	7

- Represents zero.

Table 9.--PERCENT OF ENUMERATION COMPLETED AT SELECTED DATES, 1950 AND 1960

(Preliminary figures reported by the field offices during the enumeration)

Date	1950 population enumerated	1960				
		Single-stage and stage I population enumerated	Single-stage population enumerated	Stage I population enumerated	Stage II Household Questionnaires	
					Received in the mail	Completed by Stage II enumerators
April 11.....	-	96,678,175	14,312,323	82,365,852	-	-
April 18.....	-	148,242,224	25,030,040	123,212,184	-	-
April 30.....	133,247,668	173,461,065	33,873,371	139,587,694	9,076,720	2,245,199
May 14.....	145,089,121	176,753,725	34,663,302	142,090,423	9,511,589	7,909,540
May 28.....	147,582,881	177,423,478	34,794,688	142,628,790	9,621,928	10,558,795
June 11.....	148,718,537	177,638,324	34,801,320	142,837,004	9,663,907	11,373,201
June 25.....	149,209,427	177,701,500	-	142,900,180	9,678,329	11,693,945
July 7.....	149,224,349	177,727,868	-	142,926,548	¹ 9,681,784	¹ 11,811,105
July 25.....	-	-	-	-	9,683,597	11,840,669
Percent						
April 11.....	45.0	54.4	41.1	57.6	-	-
April 18.....	69.5	83.4	71.9	86.2	-	-
April 30.....	89.3	97.6	97.3	97.7	76.7	19.0
May 14.....	97.2	99.5	99.6	99.4	80.3	66.8
May 28.....	98.9	99.8	99.9	99.8	81.3	89.2
June 11.....	99.7	99.95	100.0	99.94	81.6	96.1
June 25.....	99.9	99.98	-	99.98	81.73	98.8
July 7.....	100.0	100.0	-	100.0	¹ 81.76	¹ 99.8
July 25.....	-	-	-	-	81.78	100.0

- Represents zero.

¹July 9.

Table 10.--CLOSING DATES OF DISTRICT OFFICES BY TYPE OF ENUMERATION AND BY REGION: 1960 CENSUSES OF POPULATION AND HOUSING

Regional Office	Number of District Offices closed						
	April 29	May 6-21	May 23- June 4	June 6-18	June 20 July 2	July 5-16	July 18-29
Total.....	1	70	147	136	30	12	4
Two-stage enumeration areas:							
Boston.....	-	-	5	10	7	-	-
New York.....	-	-	1	14	5	5	4
Philadelphia.....	-	-	1	18	5	1	-
Pittsburgh.....	-	-	11	13	-	-	-
Cincinnati.....	-	-	11	13	2	-	-
Detroit.....	-	-	9	3	-	-	-
Chicago.....	-	-	16	9	2	3	-
St. Paul.....	-	6	7	-	-	-	-
Kansas City.....	-	1	12	4	-	-	-
St. Louis.....	-	-	1	7	1	1	-
Charlotte.....	-	11	14	3	-	-	-
Atlanta.....	-	1	2	8	3	-	-
New Orleans.....	-	-	-	2	-	-	-
Dallas.....	-	-	7	5	2	-	-
Denver.....	-	-	-	3	-	-	-
Los Angeles.....	-	-	4	10	3	2	-
Seattle.....	-	-	1	3	-	-	-
Single-stage enumeration areas:							
Boston.....	-	-	2	-	-	-	-
Cincinnati.....	-	1	1	-	-	-	-
Detroit.....	-	1	2	-	-	-	-
St. Paul.....	-	10	-	-	-	-	-
Kansas City.....	-	5	4	-	-	-	-
St. Louis.....	-	4	2	-	-	-	-
Atlanta.....	-	3	5	5	-	-	-
New Orleans.....	-	8	12	1	-	-	-
Dallas.....	-	7	-	-	-	-	-
Denver.....	-	3	3	3	-	-	-
Los Angeles.....	-	-	6	1	-	-	-
Seattle.....	1	6	7	-	-	-	-
Hawaii.....	-	3	1	1	-	-	-

-Represents zero.

Table 11.--NUMBER OF PAGES IN MAJOR PUBLICATION: 1960 AND 1950
CENSUSES OF POPULATION AND HOUSING (BY 1960 SERIES DESIGNATION)

(Use of high-speed printer copy instead of typed copy for most tabular material in 1960 increased the number of pages about 20 percent. Figures rounded to nearest 100)

Census and report series	1960	1950
TOTAL.....	¹ 137,800	73,200
Census of Population.....	72,500	37,000
Preliminary reports.....	500	1,650
Advance reports.....	1,400	850
Supplementary reports.....	400	200
Final reports:		
PC(1)-A, Number of Inhabitants.....	1,900	1,800
PC(1)-B, General Characteristics of the Population....	14,400	5,700
PC(1)-C, General Social and Economic Characteristics..		
PC(1)-D, Detailed Characteristics.....	13,700	7,700
Vol. I, Part A, Number of Inhabitants.....	1,500	1,400
Vol. I, Parts 1-57, Characteristics of the Population.	28,200	14,700
Vol. II, Subject Reports, PC(2).....	¹ 8,500	3,000
Vol. III, Selected Area Reports, PC(3).....	2,000	(NA)
Census of Housing.....	49,100	32,100
Preliminary reports.....	100	100
Advance reports.....	2,000	1,300
Final reports:		
HC(1), States and Small Areas.....	7,600	5,400
HC(2), Metropolitan Housing.....	9,000	4,700
Vol. I, States and Small Areas.....	6,200	4,800
Vol. II, Metropolitan Housing.....	4,300	3,800
Vol. III, City Blocks, HC(3).....	14,500	8,000
Vol. IV, Components of Inventory Change, HC(4).....	1,700	(NA)
Vol. V, Residential Finance.....	500	1,500
Vol. VI, Rural Housing.....	800	300
Vol. VII, Housing of Senior Citizens.....	300	(NA)
HC(S1), Special Reports for Local Housing Authorities.	2,100	2,200
Censuses of Population and Housing, PHC(1), Census Tracts.....	16,200	4,100

(NA) Not applicable, no equivalent publications.

¹Estimate; includes six PC(2) reports in preparation, February 1965.

Table 12.--COMPARISON OF PUBLICATION DATES: 1960 AND 1950 CENSUSES OF POPULATION AND HOUSING

1960 and 1950 census report series	First report		Last report ¹		U.S. Summary	
	Publication dates	Improvement (No. of months) 1960/1950	Publication dates	Improvement (No. of months) 1960/1950	Publication dates	Improvement (No. of months) 1960/1950
Population census						
Advance reports (final counts):						
1960, Series PC(A1) and Nos. 1-8 of Series PC(S1)....	8/60	} 3	6/61	} 17	11/60	} 0
1950, Series P-C-8,9,10,11.....	11/50		11/52		11/50	
Advance reports (final data on characteristics, by State):						
1960, Series PC(A2), PC(A3).....	10/60	} -	3/62	} -	3/61, 4/62	} -
1950 (no comparable series).....	-		-		-	
Number of Inhabitants:						
1960, Series PC(1)-A.....	9/60	} 10	5/61	} 16	6/61	} 9
1950, Series P-A.....	7/51		9/52		3/52	
General Characteristics:						
1960, Series PC(1)-B, PC(1)-C.....	11/60	} 16	7/62	} 16	9/61, 7/62	} 19, 9
1950, Series P-B.....	3/52		11/53		4/53	
Detailed Characteristics:						
1960, Series PC(1)-D.....	3/62	} 9	1/63	} 11	4/63	} 5
1950, Series P-C.....	12/52		12/53		9/53	
Housing census						
Advance reports (final counts and data on characteristics):						
1960, Series HC(A1), HC(A2), HC(A3).....	11/60	} 9	7/62	} 14	4/61, 6/62, 5/62	} 22, 8, 9
1950, Series HC-7, 8, 9.....	8/51		9/53		2/53	
City Blocks:						
1960, Series HC(3).....	6/61	} 4	3/62	} 5	-	-
1950, Series H-E.....	10/51		8/52		-	
States and Small Areas:						
1960, Series HC(1).....	12/61	} 6	10/63	} -2	7/63	} -1
1950, Series H-A.....	6/52		8/53		8/53	
Metropolitan Housing:						
1960, Series HC(2).....	7/62	} 5	7/63	} 13	1/63	} 19
1950, Series H-B.....	12/52		8/54		8/54	
Population and housing census tract reports						
1960, Series PHC(1).....	10/61	} 3	8/62	} 6	-	-
1950, Series P-D.....	1/52		2/53		-	

- Represents zero.

¹Excluding U.S. Summary.

Appendix I. Facsimiles of Selected Schedules and Questionnaires

Only selected examples of public use forms are reproduced in this appendix. For facsimiles of all the important public use forms, see U.S. Censuses of Population and Housing, 1960: Principal Data-Collection Forms and Procedures.

Form 60PH-2—100-Percent FOSDIC Schedule (used in large cities)

Form 60PH-4 (20)—Sample FOSDIC Schedule (used for 20-percent sample in large cities)

Form 60PH-6—Advance Census Report (used in large cities)

Form 60PH-8—Household Questionnaire (used for sample in large cities)

CONFIDENTIAL—The Census is required by the United States Constitution and further authorized by 13 U.S.C. 5, 9, 141, 221-4. The law requires that the inquiries be answered completely and accurately, and guarantees that the information furnished will be accorded confidential treatment. The Census report cannot be used for purposes of taxation, investigation, or regulation.

U.S. DEPARTMENT OF COMMERCE—BUREAU OF THE CENSUS
1960 CENSUS OF POPULATION AND HOUSING

FIRST—Copy sample key and address from listing sheet to P1, H1, and H2.
SECOND—Determine if more than 1 HU.
THIRD—List names in P2; mark relationship in P3. Before listing "other relatives" or "nonrelatives," find out if they have separate quarters.
FOURTH—If no ACR, check listing. Is there anyone else who usually lives here but is temporarily away? Is there anyone staying here now who has no usual residence elsewhere? I have _____ names now. Is that right?

P1. Sample key
Fill for: Household heads, Persons listed out of order, All "GQ" persons, Vacant units.
A B C D GQ

P2. Name—Enter last name first.
List persons in this order: The head, His wife, Unmarried sons and daughters (in order of age), Married sons and daughters and their families, Other relatives, Other persons, such as lodgers, maids, or hired hands who live in and their relatives living in.

P3. What is his relationship to the head of the household?
Head, Wife of head, Son or daughter, Other relative, Nonrelative, Inmate.

P4. Sex
Male, Female.

P5. Color or race
White, Negro, American Indian, Japanese, Chinese, Filipino, Other—Specify other.

P6. What is the month of birth?
Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec.

H1. Sample key
If "GQ," omit H3 through H16.
A B C D GQ

H2. Address
Street, avenue, or road, House no. and apartment no.

H3. Type of housing unit
House, apt., flat, Trailer.

H4. Access to unit
Direct from outside or common hall, Through another unit.

H5. Kitchen or cooking equipment
For exclusive use, Shared or none, Dilapidated.

H6. Condition
Sound, Deteriorating, Dilapidated.

H7. Occupancy
Occupied, Vacant, Year-round, Migratory wkr, Seasonal.

H8. How many rooms are in this unit? Count kitchen but not bathroom
1, 2, 3, 4, 5, 10+.

H9. Is there hot running water (for this unit)?
Running water in structure, Hot and cold, Cold only, Run. water outside, No running water.

H10. Is there a flush toilet (for this unit)?
For exclusive use, Shared, None.

H11. Is there a shower (for this unit)?
For exclusive use, Shared, None.

H12. Is this unit owned by someone living in it or is it rented?
Owned or being bought, Rented, No cash rent.

THESE ITEMS ARE TO BE FILLED FOR ALL HOUSING UNITS, WHETHER OCCUPIED OR VACANT

U.S. DEPARTMENT OF COMMERCE—BUREAU OF THE CENSUS
1960 CENSUS OF POPULATION AND HOUSING

Form 60 PH-2

1. Block No. 0 1 2 3 4 5 6 7 8 9 2. Page No.

Hand's
Tens
Units

Before having other separate quarters ask: Is this household the persons who live here?

FOURTH—If no ACR, the housing. Ask: Is there anyone else who usually lives here but is temporarily away? Is there anyone staying here now who has no usual residence elsewhere? If no ACR, ask: Review Sec. C. If no ACR, ask: Review Sec. C. Did any visitor stay here overnight Thurs., Mar. 31?

SIXTH—Check for visitors. Fill individual Census Report if no one to report for visitor at his home.

SEVENTH—Fill H3-H16 (except in GQ's). For "unit," use "house," "apartment," or "rooms," as appropriate.

EIGHTH—Check for other units. If no ACR, ask: Does anyone else live in this building or elsewhere on this property? Are there any vacant apartments or any vacant rooms for rent?

NINTH—Ask about next unit: Name? No. of people? When home? If vacant—Whom to see?

P4. Sex P5. Color or race

P6. What is the month and year of his birth? (If only age is known, use age conversion table to obtain date of birth)

Mark 3 circles—1 for month, 1 for decade, and 1 for specific year

P7. MARITAL STATUS—Is he now:

Line No.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

UNITS, WHETHER OCCUPIED OR VACANT

H10. How many rooms are in this unit? Count kitchen but not bathroom

H11. Is there a bathtub or shower (for this unit)?

H12. Is this unit owned by someone living in it or is it rented?

H13. Vacancy status

H14. Description of property

H15. If "I unit, no business" property: About how much would this property sell for on today's market? (If vacant: What is the price asked for this property?)

H16. What is the monthly rent (for this unit)? Enter to nearest dollar

1 2 3 4 5 6 7 8 9

Hand's
Tens
Units

Form 60PH-2.—100-percent FOSDIC Schedule (right)
(Used in large cities)

P2. Home—Enter last name first

P3. Relationship to head (Ind. Wif S/O Rel Non Inn)

P4. Sex (M F)

P5. Color or race (Wh Neg Ind Sp Chi Fil Other)

P6. Month and year of birth (Jan-Apr, May-Jul, Aug-Oct, Nov-Dec)

P7. Marital status (Mar Wid Div Sep Rem)

P8. What is this person's relationship to the head of this household? (Specify, for example, grandfather, uncle, mother-in-law, lodger, lodger's wife, maid)

P9. What State or foreign country was he born in? (Mark, trade or write name of State, country, U.S. possession, etc. Distinguish Northern Ireland from Ireland (Eire))

P10. What country was his father born in? (U.S. OR Foreign country, Puerto Rico, Guam, etc.)

P11. What country was his mother born in? (U.S. OR Foreign country, Puerto Rico, Guam, etc.)

P12. In what year did he move into this house (or apartment)? (Mark date of first move)

P13a. In what city (or town) did he live on April 1, 1957? (Born April 1955 or later OR Skip to next person)

P13b. If city or town—Did he live inside (Yes) the city limits? (No)

P13c. In what county (and State) did he live? (This county OR Different county—Specify County State)

P14. What is the highest grade (or year) of regular school he has ever attended? (Mark only 1 circle)

P15. Did he finish this grade (or year)? (Yes OR No)

P16. If born after March 1955—Has he attended regular school (or college) at any time since Feb. 1, 1960? (Yes OR No)

P17. Is it a public school or a private school? (Public school OR Private at parochial school)

P18. If ever married—Has he been married more than once? (Once OR More than once)

P19. When did he get married? (Mark 3 circles—1 for month, 1 for decade, and 1 for specific year)

P20. If this is a woman who has ever been married—How many babies has she ever had, not counting stillbirths? (None 1 2 3 4 5 6 7 8 9 10 11 12+)

P21. Mark whether this person was born before April 1946 (Yes, born before April 1946 OR No, born after April 1946)

P22. Did he work at any time last week? (Include part-time work such as a Saturday job, helping on a farm, or delivering papers. Do not count own housework.)

P23. How many hours did he work last week (at all jobs)? (14-15, 16-20, 21-25, 26-30, 31-35, 36-40, 41-45, 46-50, 51-55, 56-60, 61-65, 66-70, 71-75, 76-80, 81-85, 86-90, 91-95, 96-100, 101-105, 106-110, 111-115, 116-120, 121-125, 126-130, 131-135, 136-140, 141-145, 146-150, 151-155, 156-160, 161-165, 166-170, 171-175, 176-180, 181-185, 186-190, 191-195, 196-200, 201-205, 206-210, 211-215, 216-220, 221-225, 226-230, 231-235, 236-240, 241-245, 246-250, 251-255, 256-260, 261-265, 266-270, 271-275, 276-280, 281-285, 286-290, 291-295, 296-300, 301-305, 306-310, 311-315, 316-320, 321-325, 326-330, 331-335, 336-340, 341-345, 346-350, 351-355, 356-360, 361-365, 366-370, 371-375, 376-380, 381-385, 386-390, 391-395, 396-400, 401-405, 406-410, 411-415, 416-420, 421-425, 426-430, 431-435, 436-440, 441-445, 446-450, 451-455, 456-460, 461-465, 466-470, 471-475, 476-480, 481-485, 486-490, 491-495, 496-500, 501-505, 506-510, 511-515, 516-520, 521-525, 526-530, 531-535, 536-540, 541-545, 546-550, 551-555, 556-560, 561-565, 566-570, 571-575, 576-580, 581-585, 586-590, 591-595, 596-600, 601-605, 606-610, 611-615, 616-620, 621-625, 626-630, 631-635, 636-640, 641-645, 646-650, 651-655, 656-660, 661-665, 666-670, 671-675, 676-680, 681-685, 686-690, 691-695, 696-700, 701-705, 706-710, 711-715, 716-720, 721-725, 726-730, 731-735, 736-740, 741-745, 746-750, 751-755, 756-760, 761-765, 766-770, 771-775, 776-780, 781-785, 786-790, 791-795, 796-800, 801-805, 806-810, 811-815, 816-820, 821-825, 826-830, 831-835, 836-840, 841-845, 846-850, 851-855, 856-860, 861-865, 866-870, 871-875, 876-880, 881-885, 886-890, 891-895, 896-900, 901-905, 906-910, 911-915, 916-920, 921-925, 926-930, 931-935, 936-940, 941-945, 946-950, 951-955, 956-960, 961-965, 966-970, 971-975, 976-980, 981-985, 986-990, 991-995, 996-1000)

P24. Was he looking for work, or on layoff from a job? (Yes OR No)

P25. Even though he did not work last week, did he have a job he usually works at? (Yes OR No)

P26. Who did he last work for, or on layoff from a job? (Ask P27 for a few days)

P27. If he worked in 1950 or after—Describe in P22a to P22e the job or business held last week. If no job or business last week, give information for last job or business. (How in P22a to P22e)

P27a. For whom did he work? (Name of company, business, organization, or other employer)

P27b. c. What kind of business or industry was this? (Examples: poultry, building, dairy, grain, high school, retail, specialty plant, etc.)

P27d. What kind of work was he doing? (Examples: truck driver, job, grade, English teacher, social worker, repairman, etc.)

P27e. Class of worker. (Mark from information in P27a to P27d or ask if not clear)

P27f. Was he a family company, business, or individual? (Yes OR No)

P27g. Government employee. (Federal, State, county, or local)

P27h. Self-employed in own business, professional practice, or farm. (Working without pay in a family business or farm)

P27i. How much did he earn in 1959? (Before taxes, bond deductions, etc.)

P27j. How much did he earn in 1959? (Net income after business expenses)

P27k. How much did he earn in 1959? (Social Security, pensions, or veteran's payments; Rent, interest, or dividends; Unemployment insurance or welfare payments; Any other source not already reported)

P27l. How much did he earn in 1959? (Enter amount for entire year \$)

P27m. If a man—Has he ever received in the Army, Navy, or other United States Forces of the U.S.? (Yes OR No)

P27n. Mark "Yes" for World War I (1914 to 1918), World War II (1939 to 1945), or Korea (1950 to 1953). (Mark "Yes" for each period)

P27o. Any other time, incl. present service

Form 60PH-4(20).—Sample FOSDIC Schedule (population panel)

(Used for 20-percent sample in large cities)

SECTION A—In this section list:

1. Everyone who usually lives here, whether related to you or not.
2. All persons staying here who have no other home.

PLEASE BE SURE TO LIST—

- All members of your family living with you, including:
- All other relatives living here.
- Lodgers and boarders living here.
- Servants, hired hands, others not related to you who are
- Any one else staying here but who has no other home.

ALSO LIST—

Persons who usually live here but who are away tempora

Line No.	NAMES OF PERSONS LIVING HERE ON APRIL 1, 1960, AND THOSE STAYING HERE WHO HAVE NO OTHER HOME			What is the relationship to the head of this household? (For example, wife, son, grandson, mother-in-law, lodger, a wife)
	Last name	First name	Middle initial	
1				HEAD OF HOUSEHOLD
2				
3				
4				
5				
6				
7				
8				
9				
10				

SECTION B—NEXT: Please answer the questions in this section to help the Census Taker count your household correctly.

1. Does more than one family live in this home?

Yes ☐No ☐

If "Yes," do they live and eat with your family?

Yes ☐No ☐

Be sure they are listed in Section A, above.

2. Is there anyone left out of Section A because you were not sure whether he should be listed, for example, a new baby still in the hospital, or a lodger who also has another home?

Yes ☐No ☐

If "Yes," write name(s) here:

SECTION C—List below all persons who were staying here overnight on Thursday, March 31, 1960, except those you have already listed.

Name of visitor (If there are more than 2 names use an additional sheet)	What is the relationship of this person to the head of the household where he usually lives?	Male or Female (M or F)	Is this person— White Negro (etc.)?	When was this person born?		Is this person— Married Widowed Divorced Separated Single (never married)? (Leave blank for children born after March 31, 1946)	Home
(1)	(2)	(3)	(4)	Month	Year	(6)	

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SECTION D—These questions are about the place where you and the people you listed in Section A live. They refer to your house or the part of the house which you occupy, or to the apartment, flat, or rooms in which you live.

H5. Do you have a kitchen or cooking equipment? (Check one)

For use of the people in your household only (those you listed in Section A)?... ☐

Shared with another household or no cooking equipment?..... ☐

H8. How many rooms are in your house or apartment? (Count a kitchen as a room but do not count bathrooms)

Number of rooms.....

H9. Is there hot and cold running water in this house or building? (Check one)

Hot and cold running water inside the house or building..... ☐

Only cold running water inside..... ☐

Running water on property but not inside building..... ☐

No running water..... ☐

H10. Is there a flush toilet in this house or building? (Check one)

Yes, for the use of this household only..... ☐

Yes, but shared with another household..... ☐

No flush toilet for the use of this household..... ☐

H11. Is there a bathtub or shower in this house or building? (Check one)

Yes, for the use of this household only..... ☐

Yes, but shared with another household..... ☐

No bathtub or shower for the use of this household..... ☐

H12. Is the house, part of the house, or apartment in which you live: (Check one)

Owned or being bought by you or someone else in your household? ... ☐

Rented for cash?..... ☐

Occupied without payment of cash rent?..... ☐

→ Answer question H15 and fill Section E

→ Answer question H16 and fill Section E

→ Skip to Section E

HOME OWNERS AND BUYERS PLEASE ANSWER THIS QUESTION

RENTERS PLEASE ANSWER THIS QUESTION

H15. About how much do you think this property would sell for on today's market? (Check one)

Under \$5,000..... ☐

\$15,000 to \$17,400..... ☐

\$5,000 to \$7,400..... ☐

\$17,500 to \$19,900..... ☐

\$7,500 to \$9,900..... ☐

\$20,000 to \$24,900..... ☐

\$10,000 to \$12,400..... ☐

\$25,000 to \$34,000..... ☐

\$12,500 to \$14,900..... ☐

\$35,000 or more..... ☐

H16. If you pay your rent by the month—

What is your monthly rent? \$.....00
(Nearest dollar)

OR

If you pay your rent by the week or some other period of time—

What is your rent and what period does it cover?

\$.....00 per
(Nearest dollar) (Week, year, etc.)

SECTION E—PLEASE FILL SECTION E

1. Does anyone else live in this building or anywhere else on this property?

Yes ☐ No ☐

2. As far as you know, are there any vacant apartments or vacant rooms for rent in this building or elsewhere on this property?

Yes ☐ No ☐

3. Name of person who filled this form

4. Your address (House number, street, city, State)

5. Your telephone No.

SECTION F—FOR CENSUS TAKER'S USE ONLY

1. E.D. No.

3. Housing data on ACR

2. Page No.

a. ☐ Recorded as 1 HU.

b. ☐ Revised.

Fill Inside Page for Population Census

HOLD THIS REPORT FOR THE CENSUS TAKER—DO NOT MAIL

Form 60PH-8 - Household Questionnaire

PLEASE NOTE: These housing questions begin with number H19 because the Census Taker has already obtained the answers to the earlier questions.

The term "house" or "apartment" covers your **house** or **part of the house** you occupy, or the **apartment, flat, or rooms** in which you live. Most of these questions refer to your own house or apartment **but note** that questions H20, H33, and H34 are about the **whole building** in which you live.

H19. How many bedrooms are in your house or apartment?

Count rooms whose main use is as bedrooms even if they are occasionally used for other purposes.

If you live in a one-room apartment without a separate bedroom, check "No bedroom."

- No bedroom ☐
 1 bedroom ☐
 2 bedrooms ☐
 3 bedrooms ☐
 4 bedrooms or more ☐

H20. About when was this house originally built?

- In 1959 or 1960 ☐
 1955 to 1958 ☐
 1950 to 1954 ☐
 1940 to 1949 ☐
 1930 to 1939 ☐
 1929 or earlier ☐

H21. How is your house or apartment heated?

Check **ONLY** the kind of heat you use the most.

Heated by:

- Steam or hot water ☐
 Warm air furnace with individual room registers ☐
 Floor, wall, or pipeless furnace ☐
 Built-in electric units ☐
 Room heater(s) connected to chimney or flue ☐
 Room heater(s) **not** connected to chimney or flue ☐
 Other method—Write in:

Not heated ☐

H22. Here is a list of fuels. In the first column, check which one is used most for heating. In the second column, check the one used most for cooking. In the third column, check the fuel used most for heating water.

(Check one in each column)

List of fuels	A House heating fuel	B Cooking fuel	C Water heating fuel
Coal or coke	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wood	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Utility gas from underground pipes serving the neighbor- hood	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bottled, tank, or LP gas	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Electricity	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fuel oil, kerosene, etc	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other fuel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
No fuel used	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

H23. Do you have a clothes washing machine?

Do **not** count machines shared with any other household in this building.

- Machine with wringer or separate spinner ☐
 Automatic or semi-automatic machine ☐
 Washer-dryer combination (single unit) ☐
 No washing machine ☐

H24. Do you have an electric or gas clothes dryer?

Do **not** count dryers shared with any other household in this building.

- Electrically heated dryer ☐
 Gas heated dryer ☐
 No dryer ☐

H25. Do you have any television sets?

Count only sets in working order. Count floor, table, and portable television sets as well as combinations.

- 1 set ☐
 2 sets or more ☐
 No television sets ☐

H26. Do you have any radios?

Count only sets in working order. Count floor, table, and portable radios as well as radio combinations. Do **not** count automobile radios.

- 1 radio ☐
 2 radios or more ☐
 No radios ☐

H27. Do you have any air conditioning?

Count only equipment which cools the air by refrigeration.

- Room unit—1 only ☐
 Room units—2 or more ☐
 Central air conditioning system ☐
 No air conditioning ☐

H28. Do you have a home food freezer which is separate from your refrigerator?

- Yes ☐
 No ☐

H30. How many bathrooms are in your house or apartment?

A **complete** bathroom has **both** flush toilet and bathing facilities (bathtub or shower).

A **partial** bathroom has a flush toilet **or** bathing facilities, but not both.

- No bathroom, or only a partial bathroom ☐
 1 complete bathroom ☐
 1 complete bathroom, plus partial bathroom(s) ☐
 2 or more complete bathrooms ☐

H33. Is this house built:

- with a basement? ☐
 on a concrete slab? ☐
 in another way? ☐

H34. Does this building have:

- 3 stories or less? ☐
 4 stories or more—
 with elevator? ☐
 walk-up? ☐

Page

<p>H35. Is there a telephone on which people who live here can be called?</p> <p>Yes <input type="checkbox"/> → What is the telephone number?</p> <p>No <input type="checkbox"/></p>	<p>Space for any notes about the housing entries:</p>								
<p>H36. How many passenger automobiles are owned or regularly used by people who live here?</p> <p>Count company cars kept at home.</p> <p>No automobile <input type="checkbox"/></p> <p>1 automobile <input type="checkbox"/></p> <p>2 automobiles <input type="checkbox"/></p> <p>3 automobiles or more <input type="checkbox"/></p>									
<p>H37. If you live in a trailer, is it:</p> <p>mobile (on wheels, or can easily be put on wheels)? <input type="checkbox"/></p> <p>on a permanent foundation? <input type="checkbox"/></p>									
<p>ANSWER QUESTIONS H43 TO H46 IF YOU PAY RENT FOR YOUR HOUSE, APARTMENT, OR FLAT</p>									
<p>H43 and H44. In addition to rent, do you also pay for:</p> <p>Electricity? (Check one box)</p> <p>Yes <input type="checkbox"/> → What is the <u>average monthly</u> cost for electricity? \$00 (See instructions below)</p> <p>No <input type="checkbox"/></p> <p>Gas? (Check one box)</p> <p>Yes <input type="checkbox"/> → What is the <u>average monthly</u> cost for gas? \$00 (See instructions below)</p> <p>No <input type="checkbox"/></p> <p>Water? (Check one box)</p> <p>Yes <input type="checkbox"/> → What is the <u>average monthly</u> cost for water? \$00 (See instructions below)</p> <p>No <input type="checkbox"/></p>									
<p>H45 and H46. In addition to rent, do you also pay for oil, coal, kerosene, or wood?</p> <p>Yes <input type="checkbox"/> → About how much do you pay for such fuel <u>per year</u>? \$00 (See instructions below)</p> <p>No <input type="checkbox"/></p>									
<p style="text-align: center;">HOW TO FIGURE COST OF UTILITIES AND FUEL</p> <p style="text-align: center;">Enter the cost to the nearest dollar</p> <p>Utilities</p> <p>If you don't know exactly how much you have spent and if you don't have records, put down the approximate costs.</p> <p>Fuels</p> <p>If you don't know how much fuels cost per year, one of the following methods may help you figure the approximate costs:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Fuel used</th> <th style="text-align: left;">Method</th> </tr> </thead> <tbody> <tr> <td>Coal</td> <td>Multiply number of tons used per year by the cost per ton.</td> </tr> <tr> <td>Oil* or kerosene</td> <td>Multiply number of gallons used per year by the cost per gallon; OR multiply number of deliveries by average cost per delivery.</td> </tr> <tr> <td>Wood</td> <td>Multiply number of cords (or loads) used per year by cost per cord (or load).</td> </tr> </tbody> </table> <p style="font-size: small;">NOTE: If you buy fuel in small quantities (such as kerosene by the can or coal by the bag), it may be easier to figure about how much you spend for fuel per week, and multiply by the number of weeks during which it is used.</p>		Fuel used	Method	Coal	Multiply number of tons used per year by the cost per ton.	Oil* or kerosene	Multiply number of gallons used per year by the cost per gallon; OR multiply number of deliveries by average cost per delivery.	Wood	Multiply number of cords (or loads) used per year by cost per cord (or load).
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Wood	Multiply number of cords (or loads) used per year by cost per cord (or load).								
<p style="text-align: center;">AFTER YOU FINISH THE HOUSING QUESTIONS—</p> <ul style="list-style-type: none"> • FILL THE FOLLOWING PAGES FOR PERSONS WHOSE NAMES HAVE BEEN WRITTEN IN BY THE CENSUS TAKER. • MAKE SURE THAT EACH "EXTRA PERSON" QUESTIONNAIRE LEFT BY THE CENSUS TAKER IS FILLED. • INCLUDE THE COMPLETED "EXTRA PERSON" QUESTIONNAIRES IN THE FAMILY'S ENVELOPE WHEN THIS FORM IS MAILED TO THE CENSUS OFFICE. Sheets filled by household members not related to the head may first be enclosed in the special smaller envelopes left for these persons. 									

P2. Name of this person _____ (Enter last name first)		QUESTIONS FOR
<p>P3. What is the relationship of this person to the head of this household?</p> <p>Head <input type="checkbox"/></p> <p>Wife of head <input type="checkbox"/></p> <p>Son or daughter of head <input type="checkbox"/></p> <p>Other—Write in: _____ (For example: Son-in-law, mother, uncle, cousin, etc.)</p>	<p>P14. What is the highest grade (or year) of regular school this person has ever attended? (Check one box)</p> <p>If now attending a regular school or college, check the grade (or year) he is in. If it is in junior high school, check the box that stands for that grade (or year).</p> <p>Never attended school <input type="checkbox"/></p> <p>Kindergarten <input type="checkbox"/></p> <p>Elementary school (Grade) <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8</p> <p>High school (Year) <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4</p> <p>College (Year) <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 or more</p>	
<p>P8. Where was this person born?</p> <p>(If born in hospital, give residence of mother, not location of hospital)</p> <p>If born in the United States, write name of State.</p> <p>If born outside the United States, write name of country, U.S. possession, etc. Use international boundaries as now recognized by the U.S. Distinguish Northern Ireland from Ireland (Eire).</p> <p>_____ (State, foreign country, U.S. possession, etc.)</p>	<p>P15. Did he finish the highest grade (or year) he attended?</p> <p>Finished this grade <input type="checkbox"/> Did not finish this grade <input type="checkbox"/> Never attended school <input type="checkbox"/></p>	
<p>P9. If this person was born outside the U.S.— What language was spoken in his home before he came to the United States?</p>	<p>P16. Has he attended regular school or college at any time since February 1, 1960?</p> <p>If he has attended only nursery school, business or trade school, or adult education classes, check "No"</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	
<p>P10. What country was his father born in?</p> <p>United States <input type="checkbox"/> OR _____ (Name of foreign country, or Puerto Rico, Guam, etc.)</p>	<p>P17. Is it a public school or a private school?</p> <p>Public school <input type="checkbox"/></p> <p>Private or parochial school <input type="checkbox"/></p>	
<p>P11. What country was his mother born in?</p> <p>United States <input type="checkbox"/> OR _____ (Name of foreign country, or Puerto Rico, Guam, etc.)</p>	<p>P18. If this person has ever been married— Has this person been married more than once?</p> <p>Once <input type="checkbox"/> More than once <input type="checkbox"/></p>	
<p>P12. When did this person move into this house (or apartment)? (Check date of last move)</p> <p>In 1959 or 1960 <input type="checkbox"/> Jan. 1954 to March 1955 <input type="checkbox"/></p> <p>In 1958 <input type="checkbox"/> 1950 to 1953 <input type="checkbox"/></p> <p>In 1957 <input type="checkbox"/> 1940 to 1949 <input type="checkbox"/></p> <p>April 1955 to Dec. 1956 <input type="checkbox"/> 1939 or earlier <input type="checkbox"/></p> <p>Always lived here <input type="checkbox"/></p>	<p>P19. When did he get married? When did he get married for the first time?</p> <p>Month _____ Year _____ Month _____ Year _____</p>	
<p>P13. Did he live in this house on April 1, 1955? (Answer 1, 2, or 3)</p> <p>1. Born April 1955 or later <input type="checkbox"/></p> <p>OR</p> <p>2. Yes, this house <input type="checkbox"/></p> <p>OR</p> <p>3. No, different house <input type="checkbox"/></p> <p>Where did he live on April 1, 1955?</p> <p>a. City or town _____</p> <p>b. If city or town—Did he live inside the city limits? { Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>c. County _____ AND State, foreign country, U.S. possession, etc. _____</p>	<p>P20. If this is a woman who has ever been married— How many babies has she ever had, not counting stillbirths?</p> <p>Do not count her stepchildren or adopted children.</p> <p>_____ (Number) OR None <input type="checkbox"/></p>	
<p>P21. When was this person born?</p> <p>Born before April 1946 <input type="checkbox"/> Born April 1946 or later <input type="checkbox"/></p> <p>Please go on with questions P22 to P35. Answer the questions regardless of whether the person is a housewife, student, or retired person, or a part-time or full-time worker.</p> <p>Please omit questions P22 to P35 and turn the page to the next person.</p>		
<p>Space for any notes about the entries for this person</p> <p>_____</p> <p>_____</p> <p>_____</p>		

Page

Form 60PH-8.—Household Questionnaire (population section, left)
(Used for sample in large cities. The population questions were repeated on succeeding pages of this form, for two more persons)

THIS PERSON _____

P22. Did this person work at any time last week?
Include part-time work such as a Saturday job, delivering papers, or helping without pay in a family business or farm. Do not count own housework.

Yes ☐ No ☐

P23. How many hours did he work last week (at all jobs)?
(If exact figure not known, give best estimate)

1 to 14 hours ☐ 40 hours ☐
 15 to 29 hours ☐ 41 to 48 hours ☐
 30 to 34 hours ☐ 49 to 59 hours ☐
 35 to 39 hours ☐ 60 hours or more ☐

P24. Was this person looking for work, or on layoff from a job?

Yes ☐ No ☐

P25. Does he have a job or business from which he was temporarily absent all last week because of illness, vacation, or other reasons?

Yes ☐ No ☐

P26. When did he last work at all, even for a few days?
(Check one box)

Working now ☐ 1949 or earlier ☐
 In 1960 ☐
 In 1959 ☐ Never worked ☐
 1955 to 1958 ☐
 1950 to 1954 ☐

P27. Occupation (Answer 1, 2, or 3)

1. This person last worked in 1949 or earlier ☐
 This person has never worked ☐

OR

2. On active duty in the Armed Forces now ☐

OR

3. Worked in 1950 or later ☐ Answer a to e, below.

Describe this person's job or business last week, if any, and write in name of employer. If this person had no job or business last week, give information for last job or business since 1950.

a. For whom did he work?

(Name of company, business, organization, or other employer)

b. What kind of business or industry was this?
Describe activity at location where employed.

(For example: County junior high school, auto assembly plant, TV and radio service, retail supermarket, road construction, farm)

c. Is this primarily: (Check one box)

Manufacturing ☐
 Wholesale trade ☐
 Retail trade ☐
 Other (services, agriculture, government, construction, etc.) ☐

d. What kind of work was he doing?

(For example: 8th grade English teacher, paint sprayer, repairs TV sets, grocery checker, civil engineer, farmer, farm hand)

e. Was this person: (Check one box)

Employee of private company, business, or individual, for wages, salary, or commissions ☐
 Government employee (Federal, State, county, or local) ☐
 Self-employed in own business, professional practice, or farm ☐
 Working without pay in a family business or farm ☐

If this person worked last week, answer questions P28 and P29.

P28. What city and county did he work in last week?
If he worked in more than one city or county, give place where he worked most last week.

a. City or town _____

b. If city or town—Did he work inside the city limits? Yes ☐ No ☐

c. County _____ State _____

P29. How did he get to work last week?
(Check one box for principal means used last week)

Railroad ☐ Taxicab ☐ Walk only ☐
 Subway or elevated ☐ Private auto or car pool ☐ Worked at home ☐
 Bus or streetcar ☐ Other means—Write in: _____

P30. Last year (1959), did this person work at all, even for a few days?

Yes ☐ No ☐

P31. How many weeks did he work in 1959, either full-time or part-time? Count paid vacation, paid sick leave, and military service as weeks worked.
(If exact figure not known, give best estimate)

13 weeks or less ☐ 40 to 47 weeks ☐
 14 to 26 weeks ☐ 48 to 49 weeks ☐
 27 to 39 weeks ☐ 50 to 52 weeks ☐

P32. How much did this person earn in 1959 in wages, salary, commissions, or tips from all jobs?
Before deductions for taxes, bonds, dues, or other items.
(Enter amount or check "None." If exact figure not known, give best estimate.)

\$ _____ .00 OR None ☐
(Dollars only)

P33. How much did he earn in 1959 in profits or fees from working in his own business, professional practice, partnership, or farm?
Net income after business expenses. (Enter amount or check "None." If exact figure not known, give best estimate. If business or farm lost money, write "Loss" after amount.)

\$ _____ .00 OR None ☐
(Dollars only)

P34. Last year (1959), did this person receive any income from:

Social security
 Pensions
 Veteran's payments
 Rent (minus expenses)
 Interest or dividends
 Unemployment insurance
 Welfare payments
 Any other source not already entered

Yes ☐ No ☐

What is the amount he received from these sources in 1959? (If exact figure not known, give best estimate)

\$ _____ .00
(Dollars only)

P35. If this is a man—

Has he ever served in the Army, Navy, or other Armed Forces of the United States?

Yes ☐ No ☐ (Check one box on each line)

Was it during:

Korean War (June 1950 to Jan. 1955) Yes ☐ No ☐
 World War II (Sept. 1940 to July 1947) Yes ☐ No ☐
 World War I (April 1917 to Nov. 1918) Yes ☐ No ☐
 Any other time, including present service Yes ☐ No ☐

QUESTIONS FOR NEXT PERSON ARE ON FOLLOWING PAGE

Form 60PH-8.—Household Questionnaire (population section, right)
 (Used for sample in large cities. The population questions were repeated on succeeding pages of this form, for two more persons)

PLEASE ANSWER THESE TWO QUESTIONS	
Name of person(s) who filled this form:	If it is necessary for the Census Taker to get in touch with you, the best time usually is:
.....	(Check one box)
.....	8 to 12 a.m. <input type="checkbox"/>
.....	12 to 6 p.m. <input type="checkbox"/>
.....	6 to 9 p.m. <input type="checkbox"/>
Date filled:	

PLEASE BE SURE THAT—

- the housing questions have been filled,
- the population pages have been filled for all persons whose names have been written in by the Census Taker,
- each "extra person" questionnaire has been filled.

Include the "extra person" questionnaires in the family's envelope when you mail this form back to the Census Office.

TO BE FILLED BY CENSUS TAKER	
E.D. No.	Page No. from PH-2
H29. Number of units in structure	
1, detached ... <input type="checkbox"/>	
1, attached ... <input type="checkbox"/>	
2 <input type="checkbox"/>	
3-4 <input type="checkbox"/>	
5-9 <input type="checkbox"/>	
10-19 <input type="checkbox"/>	
20-49 <input type="checkbox"/>	
50 or more ... <input type="checkbox"/>	
	If 5 or more— Fill items H20, H21, H22A, and H22C in Questionnaire

Form 60PH-8.—Household Questionnaire (back)

(Used for sample in large cities)

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REFERENCE COPY

Unpublished Supplement to 1960 Censuses of Population and Housing:
Procedural History

DETAILED TABLES ON COST OF
EIGHTEENTH DECENNIAL CENSUS

The attached tables contain more detailed figures on cost of the Eighteenth Decennial Census than appear in the corresponding tables 2A-2F in the published 1960 Censuses of Population and Housing: Procedural History. They are final figures which were omitted because they were prepared primarily for internal use and appeared unlikely to be of interest outside the Census Bureau.

Table 2A.--COST OF EIGHTEENTH DECENNIAL CENSUS BY MAJOR CLASSES: 1958 to 1963
(Years ending June 30. In thousands of dollars. Figures may not add exactly because of rounding)

Major class	Total	1958	1959	1960	1961	1962	1963
Appropriation.....	127,935						
Allowance for depreciation ¹	963						
<u>Total cost of Eighteenth Decennial Census</u>	128,898	2,141	7,641	89,639	18,764	7,393	3,321
<u>Shared costs</u> ²	12,533	897	3,846	3,939	2,365	1,025	461
General administration ^{2 3}	5,950	212	569	2,246	1,839	790	294
General research (excluding pre-tests and Evaluation and Research Program for (1) population and housing censuses—see tables 2C and 6, and (2) for agriculture census) ²	914	86	112	134	238	203	141
Capital outlay (see table 2B) ² ..	5,669	599	3,165	1,559	288	32	26
<u>U.S. Population and Housing Censuses (see table 2C)</u> ²	91,362	1,012	2,845	68,568	11,509	4,807	2,621
Planning (including tabulation planning and publication planning).....	6,061	695	1,047	1,107	1,532	1,181	499
Geographic work.....	4,454	288	1,273	1,867	894	110	20
Field enumeration.....	63,980	10	33	62,982	881	67	7
Data processing.....	13,015	19	476	1,946	6,846	2,341	1,388
Publication program.....	1,890	-	16	36	567	741	530
Evaluation program.....	1,846	-	-	583	767	367	129
Miscellaneous.....	116	-	-	47	22	-	48
<u>Puerto Rico population and housing censuses and censuses of other outlying areas</u> ² (see table 2D).....	1,184	-	17	706	361	96	4
<u>Survey of Components of Change and Residential Finance</u> ² (see table 2E)	2,840	-	243	1,592	553	333	120
<u>1959 agriculture, irrigation, and drainage censuses, U.S. and Puerto Rico</u> ² (see table 2F).....	20,978	232	690	14,834	3,976	1,132	115

See footnotes at end of table 2F.

The estimated total cost of the 1960 Population and Housing Censuses (including the Puerto Rico population and housing censuses and the censuses of other outlying areas and the Survey of Components of Change and Residential Finance, and including an estimate of the proportionate share of the costs shared by these censuses and the agriculture censuses) is \$106.2 million. The estimated total cost of the 1959 Censuses of Agriculture, Irrigation, and Drainage is \$22.7 million. See footnote 2 at end of table 2F.

Table 2B.--CAPITAL OUTLAY: EIGHTEENTH DECENNIAL CENSUS

(Years ending June 30. Thousands of dollars. Figures may not add exactly because of rounding. Does not include payments in 1960 totaling \$1,471,190 to two universities to assist in the purchase of 1105 systems compatible with the Bureau of the Census computer systems. Although these were fixed payments entitling the Bureau to fixed fractions of the available time on the two computer systems, they were treated as prepayment of rent. In the accounts and in these tables, this payment is distributed throughout the costs for computer time—see table 2C)

Activity	Total	1958	1959	1960	1961	1962	1963
TOTAL.....	5,669	599	3,165	1,559	288	32	26
Two 1105 computers and replacement parts, purchase.....	2,792	126	2,648	18	(-Z)	-	-
Installation of computers.....	234	187	14	21	12	(-Z)	-
Magnetic computer tape, purchase....	548	-	19	373	135	21	-
FOSDIC construction and installation (parts and labor) ⁴	578	196	318	64	-	-	-
General operating, leave, benefits ⁵	85	36	45	4	-	-	-
Payments to personnel:							
Salaries.....	177	78	90	9	-	-	-
Travel.....	(Z)	-	(Z)	-	-	-	-
Purchases.....	125	55	70	-	-	-	-
Contract services.....	108	27	31	50	-	-	-
Other.....	84	1	82	1	-	-	-
Auxiliary equipment for use with computers, FOSDIC (e.g., test equipment, tape storage facilities, etc.), purchase.....	294	90	55	141	8	-	-
Other electronic equipment, purchase	5	-	-	1	-	-	4
Univac I, Serial 13, purchase ⁶	170	-	-	170	-	-	-
Other purchases: office furniture and equipment (other than field office), etc.....	805	-	46	599	127	11	22
Office furniture, machines, and equipment (other than field office).....	388	-	-	255	113	11	9
Mechanical data-processing equipment.....	-2	-	-	-2	-	-	-
Machine Development Laboratory equipment.....	15	-	-	15	-	-	-
Motor vehicles.....	26	-	-	-	14	-1	13
Other.....	378	-	46	331	-	1	-
Construction and modification of equipment (parts and labor).....	66	-	-	58	8	-	-
General operating, leave, benefits ⁵	12	-	-	10	2	-	-
Payments to personnel:							
Salaries.....	30	-	-	26	4	-	-
Travel.....	1	-	-	1	-	-	-
Other.....	23	-	-	21	2	-	-
Census of Agriculture capital acquisitions.....	178	-	63	115	-	-	-

See footnotes at end of table 2F.

Table 2C.--COST OF U.S. POPULATION AND HOUSING CENSUSES BY ACTIVITIES, 1958 to 1963

(Years ending June 30. Thousands of dollars. Figures may not add exactly because of rounding. Cost of the 1960 population and housing censuses excluding the censuses of Puerto Rico and the other outlying areas (see table 2D), excluding the Survey of Components of Change and Residential Finance (see table 2E), and excluding those expenses shared by these censuses and by the 1959 Censuses of Agriculture, Irrigation, and Drainage (see table 2A). An estimate of the total cost of the 1960 population and housing censuses including these elements is given at the foot of table 2A)

Activity	Total	1958	1959	1960	1961	1962	1963
TOTAL.....	91,362	1,012	2,845	68,568	11,509	4,807	2,621
PLANNING.....	6,061	695	1,047	1,107	1,532	1,181	499
Population census planning (excluding pretests) and preparation (including tabulation and publication planning) ⁷	3,801	315	536	802	1,084	719	345
General operating, leave, benefits ⁵	1,090	107	173	209	309	221	71
Payments to personnel:							
Salaries.....	2,341	191	331	470	645	459	245
Travel.....	88	12	11	24	35	6	(Z)
Postal services.....	29	-	(Z)	-	10	10	9
Miscellaneous procurement.....	65	-	1	58	4	2	(Z)
Transportation of things.....	71	1	(Z)	4	62	3	1
Rents and utilities.....	11	(Z)	(Z)	2	7	(Z)	(Z)
Other.....	106	4	20	34	13	17	18
Housing census planning (excluding pretests) and preparation (including tabulation and publication planning).....	1,906	174	376	292	448	462	153
General operating, leave, benefits ⁵	535	58	131	105	107	103	31
Payments to personnel:							
Salaries.....	1,236	105	226	149	318	330	108
Travel.....	68	9	10	25	16	6	2
Printing.....	14	1	3	2	3	3	2
Postal services.....	15	-	(Z)	-	2	6	7
Other.....	40	(Z)	6	12	2	15	4
Pretests ⁸	352	205	133	14	-	-	-
General operating, leave, benefits ⁵	64	38	25	1	-	-	-
Payments to personnel:							
Salaries.....	183	107	72	4	-	-	-
Travel.....	47	26	20	1	-	-	-
Other.....	58	35	15	8	-	-	-
GEOGRAPHIC WORK.....	4,454	288	1,273	1,867	894	110	20
Research, development, planning....	331	84	184	-	(Z)	44	19
General operating, leave, benefits ⁵	178	36	79	-	-	44	19
Payments to personnel:							
Salaries.....	88	41	47	-	-	-	-
Travel.....	33	2	31	-	-	-	-
Other.....	32	5	27	-	(Z)	-	-

See footnotes at end of table 2F.

Table 2C.--COST OF U.S. POPULATION AND HOUSING CENSUSES BY ACTIVITIES, 1958 to 1963--Continued

Activity	Total	1958	1959	1960	1961	1962	1963
GEOGRAPHIC WORK--Continued							
Preparatory work establishing statistical areas.....	356	89	266	(Z)	-	(-Z)	-
Census county divisions.....	132	70	62	-	-	-	-
General operating, leave, benefits ⁵	35	21	14	-	-	-	-
Payments to personnel:							
Salaries.....	70	32	38	-	-	-	-
Travel.....	20	12	8	-	-	-	-
Other.....	6	4	2	-	-	-	-
Census tracts.....	76	11	65	(Z)	-	-	-
General operating, leave, benefits ⁵	19	3	16	-	-	-	-
Payments to personnel:							
Salaries.....	51	5	46	(Z)	-	-	-
Travel.....	3	2	1	-	-	-	-
Other.....	3	(Z)	2	(Z)	-	-	-
Urbanized areas.....	54	1	54	(Z)	-	(-Z)	-
General operating, leave, benefits ⁵	13	(Z)	13	-	-	-	-
Payments to personnel:							
Salaries.....	36	(Z)	35	-	-	-	-
Travel.....	2	(Z)	2	(Z)	-	-	-
Other.....	4	(Z)	4	(Z)	-	(-Z)	-
Unincorporated places.....	93	8	86	(-Z)	-	(-Z)	-
General operating, leave, benefits ⁵	23	3	20	-	-	-	-
Payments to personnel:							
Salaries.....	60	5	55	-	-	-	-
Travel.....	1	-	1	-	-	-	-
Other.....	9	(Z)	9	(-Z)	-	(-Z)	-
Preparation of maps for enumeration.	2,953	114	822	1,683	334	(-Z)	-
Collection of maps and boundary data.....	318	90	227	(Z)	-	-	-
General operating, leave, benefits ⁵	80	30	50	-	-	-	-
Payments to personnel:							
Salaries.....	193	51	142	-	-	-	-
Travel.....	17	5	12	-	-	-	-
Other.....	28	4	23	(Z)	-	-	-
Map compilation and drafting....	210	24	185	1	-	-	-
General operating, leave, benefits ⁵	39	2	37	-	-	-	-
Payments to personnel:							
Salaries.....	124	3	120	-	-	-	-
Travel.....	(Z)	(Z)	(Z)	-	-	-	-
Purchases.....	31	18	13	1	-	-	-
Printing.....	11	(Z)	11	(Z)	-	-	-
Other.....	4	(Z)	4	(Z)	-	-	-

See footnotes at end of table 2F.

Table 2C.--COST OF U.S. POPULATION AND HOUSING CENSUSES BY ACTIVITIES, 1958 to 1963--Continued

Activity	Total	1958	1959	1960	1961	1962	1963
GEOGRAPHIC WORK--Continued							
Preparation of maps for enumeration--Continued							
Preparation of base maps.....	2,126	-	151	1,642	334	(-Z)	-
General operating, leave, benefits ⁵	603	-	35	456	112	(-Z)	-
Payments to personnel:							
Salaries.....	1,285	-	115	971	199	(-Z)	-
Travel.....	37	-	1	31	5	(-Z)	-
Rents and utilities.....	37	-	-	37	(Z)	(-Z)	-
Printing.....	27	-	-	27	1	(Z)	-
Procurement.....	96	-	-	93	3	(-Z)	-
Other.....	41	-	(Z)	27	13	(Z)	-
Designation of ED's.....	111	-	84	27	-	-	-
General operating, leave, benefits ⁵	20	-	20	-	-	-	-
Payments to personnel:							
Salaries.....	63	-	63	-	-	-	-
Contract services.....	27	-	-	27	-	-	-
Other.....	1	-	1	-	-	-	-
Block numbering.....	24	-	24	-	-	-	-
General operating, leave, benefits ⁵	6	-	6	-	-	-	-
Payments to personnel:							
Salaries.....	18	-	18	-	-	-	-
Other.....	(Z)	-	(Z)	-	-	-	-
Reproduction of maps.....	147	-	137	10	-	-	-
General operating, leave, benefits ⁵	8	-	8	-	-	-	-
Payments to personnel:							
Salaries.....	45	-	45	-	-	-	-
Purchases.....	86	-	78	8	-	-	-
Other.....	7	-	5	2	-	-	-
Other.....	17	-	14	3	-	-	-
Preparation of maps for publication.	815	-	1	184	560	68	1
General operating, leave, benefits ⁵	243	-	(Z)	41	179	22	(Z)
Payments to personnel:							
Salaries.....	480	-	1	118	324	37	-
Travel.....	1	-	-	(Z)	(Z)	-	-
Printing.....	55	-	-	17	33	4	1
Purchases.....	15	-	-	7	6	1	(-Z)
Other.....	21	-	-	1	17	3	(Z)
FIELD ENUMERATION.....	63,980	10	33	62,982	881	67	7
Printing for enumeration (schedules, manuals, training materials, administrative forms, etc).....	1,719	10	29	1,680	-	-	-

See footnotes at end of Table 2F.

Table 2C.--COST OF U.S. POPULATION AND HOUSING CENSUSES BY ACTIVITIES, 1958 to 1963--Continued

Activity	Total	1958	1959	1960	1961	1962	1963
FIELD ENUMERATION--Continued							
Preparatory operations.....	2,076	-	-	2,076	-	-	-
General operating, leave, benefits ⁵	30	-	-	30	-	-	-
Payments to personnel:							
Salaries.....	265	-	-	265	-	-	-
Travel.....	1	-	-	1	-	-	-
Transportation of things.....	259	-	-	259	-	-	-
Rents and utilities.....	57	-	-	57	-	-	-
Miscellaneous procurement.....	281	-	-	281	-	-	-
Postal services.....	1,042	-	-	1,042	-	-	-
Other.....	141	-	-	141	-	-	-
Collection of furniture for field offices ⁹	114	-	4	116	(Z)	-1	-5
General operating, leave, benefits ⁵	1	-	(Z)	2	-	-	-1
Payments to personnel:							
Salaries.....	19	-	(Z)	18	-	-	-
Travel.....	7	-	(Z)	7	-	-	-
Transportation of things.....	69	-	4	71	-	-1	-4
Other.....	18	-	(Z)	17	(Z)	-	-
Field equipment.....	77	-	-	77	-	-	-
Regional Offices and Washington headquarters expenses for field enumeration.....	3,214	-	-	2,696	469	43	6
General operating, leave, benefits ⁵	209	-	-	112	76	19	2
Payments to personnel:							
Salaries.....	1,540	-	-	1,178	325	33	5
Travel.....	253	-	-	245	18	-10	(-Z)
Printing.....	202	-	-	199	3	(Z)	-
Postal services.....	504	-	-	504	-	-	-
Communications.....	103	-	-	83	20	(Z)	(-Z)
Rents and utilities.....	79	-	-	60	19	1	-
Miscellaneous procurement.....	245	-	-	243	2	(-Z)	-
Other.....	77	-	-	73	5	(Z)	(-Z)
District Offices and enumeration....	56,380	-	-	55,979	400	1	(Z)
General operating, leave, benefits ⁵	1,724	-	-	1,702	21	(Z)	(Z)
Payments to personnel:							
Salaries and, for enumerators, piece-rate payments:							
District Office.....	3,755	-	-	3,736	19	-	-
Crew Leaders.....	8,495	-	-	8,430	65	(Z)	(Z)
Enumerators.....	35,439	-	-	35,220	219	1	(Z)
Travel.....	4,452	-	-	4,431	21	(-Z)	(Z)
Rents and utilities.....	645	-	-	612	33	(Z)	-
Communications.....	647	-	-	636	11	(Z)	(-Z)
Other.....	1,223	-	-	1,212	11	(Z)	(Z)

See footnotes at end of table 2F.

Table 2C.--COST OF U.S. POPULATION AND HOUSING CENSUSES BY ACTIVITIES, 1958 to 1963--Continued

Activity	Total	1958	1959	1960	1961	1962	1963
FIELD ENUMERATION--Continued							
Post Office allocation of "Individual Census Records" to ED's.....	200	-	-	200	-	-	-
Enumeration time and cost study: Planning, preparatory work, enumeration, data processing, and analysis.....	199	-	-	158	12	23	5
General operating, leave, benefits ⁵	15	-	-	5	2	7	2
Payments to personnel:							
Salaries.....	153	-	-	130	8	12	3
Travel.....	13	-	-	12	1	-	-
Other.....	16	-	-	10	1	5	1
DATA PROCESSING.....	13,015	19	476	1,946	6,846	2,341	1,388
Administration.....	3,226	-	343	932	1,187	529	236
General operating, leave, benefits ⁵	425	-	66	196	115	28	20
Payments to personnel:							
Salaries.....	1,086	-	235	315	443	81	12
Travel.....	94	-	1	21	52	18	2
Other.....	1,623	-	42	401	576	402	202
Maintenance of Jeffersonville Branch of Decennial Operations Division (transportation, installation and maintenance of equipment; rent; etc.).....	463	-	107	11	290	55	-
Receipt and control of enumeration books, listing books, etc.....	309	-	-	93	202	12	2
General operating, leave, benefits ⁵	54	-	-	10	41	3	(Z)
Payments to personnel:							
Salaries.....	255	-	-	83	162	9	1
Other.....	(Z)	-	-	(Z)	-	-	-
Coding.....	2,431	-	-	136	2,295	-	-
General operating, leave, benefits ⁵	476	-	-	16	461	-	-
Payments to personnel:							
Salaries.....	1,954	-	-	121	1,834	-	-
Other.....	(Z)	-	-	(Z)	-	-	-
Microfilming (including breaker-sheet preparation).....	784	-	-	151	619	20	-6
General operating, leave, benefits ⁵	77	-	-	8	66	3	(-Z)
Payments to personnel:							
Salaries.....	345	-	-	67	270	8	-
Procurement.....	221	-	-	35	182	6	-2
Rents and utilities.....	70	-	-	16	54	(Z)	-
Contract services (nongovernmental).....	68	-	-	25	45	3	-4
Other.....	2	-	-	(Z)	2	1	(-Z)

See footnotes at end of table

Table 2C.--COST OF U.S. POPULATION AND HOUSING CENSUSES BY ACTIVITIES, 1958 to 1963--Continued

Activity	Total	1958	1959	1960	1961	1962	1963
DATA PROCESSING--Continued							
FOSDIC maintenance and operation....	495	-	25	153	297	20	(-Z)
General operating, leave, benefits ⁵	80	-	3	25	50	3	(-Z)
Payments to personnel:							
Salaries.....	315	-	7	106	196	7	(-Z)
Electronic parts and supplies...	39	-	-	14	25	-	-
Electronic equipment time and paper used.....	29	-	-	1	20	9	-
Miscellaneous procurement.....	12	-	1	7	4	1	-
Other.....	19	-	15	1	3	(Z)	(-Z)
Computer programing and control by Decennial Operations Division (except for Population Census Vols. II and III).....	1,469	-	-	260	647	523	39
General operating, leave, benefits ⁵	306	-	-	39	124	133	11
Payments to personnel:							
Salaries.....	1,144	-	-	220	514	381	29
Other.....	19	-	-	2	9	8	(-Z)
Computer programing and control by Data Processing Systems Division...	206	-	-	31	114	61	-
General operating, leave, benefits ⁵	41	-	-	5	24	12	-
Payments to personnel:							
Salaries.....	165	-	-	26	90	49	-
Computer and high-speed printer time (except for Population Vols. II and III).....	1,620	-	-	7	544	910	159
100-percent data; joint population and housing (basic processing and tabulation).....	143	-	-	7	136	-	-
100-percent data, population (preparation of final tabulations).....	73	-	-	-	73	-	-
100-percent data, housing (preparation of final tabulations).....	20	-	-	-	20	-	-
100-percent data, block statistics (preparation of final tabulations).....	36	-	-	-	26	10	-
Sample data, joint population and housing (basic processing and tabulation).....	375	-	-	-	288	87	-
Sample data, computer weighting	159	-	-	-	-	159	-
Sample data, population (basic processing and tabulation and preparation of final tabulations).....	492	-	-	-	1	378	114
100-percent and sample data, population and housing; census tracts (basic processing and tabulation, and preparation of final tabulations).....	135	-	-	-	-	135	-

See footnotes at end of table 2F.

Table 2C.--COST OF U.S. POPULATION AND HOUSING CENSUSES BY ACTIVITIES, 1958 to 1963--Continued

Activity	Total	1958	1959	1960	1961	1962	1963
DATA PROCESSING--Continued							
Computer and high-speed printer time--Continued							
Sample data, housing (basic processing and tabulation, and preparation of final tabulations).....	95	-	-	-	(Z)	49	46
Housing Vol. I, 100-percent and sample data (basic processing and tabulation, and preparation of final tabulations).....	92	-	-	-	-	92	-
Computer programing and control and computer and high-speed printer time for Population Vols. II and III.....	1,211	-	-	-	-	69	1,142
General operating, leave, benefits ⁵	163	-	-	-	-	13	150
Payments to personnel:							
Salaries.....	174	-	-	-	-	27	147
Other.....	874	-	-	-	-	29	846
Review of computer output ("diary review") and reconciliation.....	591	-	-	12	471	108	-
General operating, leave, benefits ⁵	124	-	-	2	95	27	-
Payments to personnel:							
Salaries.....	467	-	-	10	376	80	-
Other.....	(Z)	-	-	-	(Z)	(Z)	-
Table compilation and review for data-processing errors.....	114	-	-	9	53	35	17
General operating, leave, benefits ⁵	25	-	-	1	11	8	5
Payments to personnel:							
Salaries.....	89	-	-	8	43	26	12
Other.....	(Z)	-	-	(Z)	(-Z)	(Z)	(Z)
Supplemental programs.....	218	-	-	96	121	(Z)	-
General operating, leave, benefits ⁵	36	-	-	12	24	-	-
Payments to personnel:							
Salaries.....	181	-	-	84	97	-	-
Other.....	1	-	-	1	-	(Z)	-
Unallocated ¹¹	-122	19	-	54	6	-	-201
PUBLICATION PROGRAM.....	1,890	-	16	36	567	741	530
Printing all population and housing census reports.....	1,452	-	-	3	483	609	357
General operating, leave, benefits ⁵	199	-	-	-	100	82	17
Payments to personnel:							
Salaries.....	461	-	-	-	230	174	57
Travel.....	1	-	-	-	(Z)	(Z)	-

See footnotes at end of table 2F.

Table 2C.--COST OF U.S. POPULATION AND HOUSING CENSUSES BY ACTIVITIES, 1958 to 1963--Continued

Activity	Total	1958	1959	1960	1961	1962	1963
PUBLICATION PROGRAM--Continued							
Printing all population and housing census reports--Continued							
Commerce Dept. and GPO printing and binding.....	705	-	-	3	120	324	259
Other contract services, Federal government.....	1	-	-	-	1	-	-
Other contract services, non-governmental.....	30	-	-	-	13	7	9
Other.....	55	-	-	-	19	22	14
Census documentation, presentation and coordination of publications, etc. ¹²	313	-	16	27	62	74	133
General operating, leave, benefits ⁵	58	-	2	4	12	15	24
Payments to personnel:							
Salaries.....	203	-	13	23	45	54	67
Travel.....	1	-	-	(Z)	(Z)	-	1
Printing.....	19	-	-	-	2	3	13
Electronic equipment time, tape, and paper used.....	26	-	-	-	-	-	26
Other.....	6	-	-	-	2	2	2
Monograph program.....	73	-	-	7	10	17	40
General operating, leave, benefits ⁵	8	-	-	-	-	1	6
Payments to personnel:							
Salaries.....	22	-	-	-	-	4	18
Other.....	44	-	-	7	10	12	16
Unpublished census data program.....	53	-	-	-	12	41	-
General operating, leave, benefits ⁵	6	-	-	-	1	4	-
Payments to personnel:							
Salaries.....	14	-	-	-	5	9	-
Payment for electronic time and paper used.....	33	-	-	-	6	27	-
Other.....	(Z)	-	-	-	(Z)	(-Z)	-
EVALUATION AND RESEARCH PROGRAM.....	1,846	-	-	583	767	367	129
Population and housing census evaluation and research projects.....	1,782	-	-	583	724	350	126
General operating, leave, benefits ⁵	276	-	-	68	117	73	18
Payments to personnel:							
Salaries.....	1,007	-	-	364	417	167	59
Travel.....	252	-	-	105	136	8	3
Electronic equipment time and paper used.....	109	-	-	-	2	73	34
Computer tape handling and use..	6	-	-	-	-	1	6
Other contract services, non-governmental and Federal government.....	49	-	-	3	25	20	1
Other.....	84	-	-	43	27	9	5

Table 2C.--COST OF U.S. POPULATION AND HOUSING CENSUSES BY ACTIVITIES, 1958 to 1963--Continued

Activity	Total	1958	1959	1960	1961	1962	1963
EVALUATION AND RESEARCH PROGRAM--Continued							
Match of Current Population Survey (CPS) and census records.....	64	-	-	-	43	18	3
General operating, leave, benefits ⁵	17	-	-	-	11	5	1
Payments to personnel:							
Salaries.....	43	-	-	-	32	10	1
Other.....	4	-	-	-	(Z)	2	1
MISCELLANEOUS.....	116	-	-	47	22	-	48
Publicity.....	68	-	-	47	22	-	-
General operating, leave, benefits ⁵	-	-	-	-	-	-	-
Payments to personnel.....	-	-	-	-	-	-	-
Contract services (nongovernmental).....	56	-	-	35	22	-	-
Miscellaneous procurement.....	12	-	-	12	-	-	-
Positive copy microfilm of 1960 census schedules.....	48	-	-	-	-	-	48
General operating, leave, benefits ⁵	4	-	-	-	-	-	4
Payments to personnel:							
Salaries.....	10	-	-	-	-	-	10
Travel.....	(Z)	-	-	-	-	-	(Z)
Contract services (nongovernmental).....	31	-	-	-	-	-	31
Other.....	2	-	-	-	-	-	2

See footnotes at end of table 2F.

Table 2D.--COST OF PUERTO RICO POPULATION AND HOUSING CENSUSES AND CENSUSES OF OTHER
OUTLYING AREAS, 1958 to 1963

(Years ending June 30. Thousands of dollars. Figures may not add exactly because of rounding. Table 2A shows expenses shared by the 1960 Censuses of Population and Housing, the Survey of Components of Change and Residential Finance, the 1959 Censuses of Agriculture, Irrigation, and Drainage, and the censuses of the outlying areas of the United States. Any estimate of the total cost of the population and housing censuses of Puerto Rico or of the censuses of the other outlying areas should include an estimate of the proportionate share of these expenses)

Activity	Total	1958	1959	1960	1961	1962	1963
TOTAL.....	1,184	-	17	706	361	96	4
Puerto Rico pretest.....	11	-	11	-	-	-	(-Z)
General operating, leave, benefits ⁵	3	-	3	-	-	-	-
Payments to personnel:							
Salaries.....	5	-	5	-	-	-	-
Travel.....	3	-	3	-	-	-	-
Other.....	(Z)	-	(Z)	-	-	-	(-Z)
Puerto Rico, other.....	1,064	-	-	649	317	94	4
General operating, leave, benefits ⁵	93	-	-	32	42	19	1
Payments to personnel:							
Salaries.....	764	-	-	527	186	50	2
Travel.....	76	-	-	52	19	4	-
Other.....	131	-	-	38	71	21	1
Trust Territories of the Pacific ¹³ ..	6	-	6	-	-	-	-
General operating, leave, benefits ⁵	1	-	1	-	-	-	-
Payments to personnel:							
Salaries.....	4	-	4	-	-	-	-
Other.....	1	-	1	-	-	-	-
Other outlying areas.....	103	-	-	57	44	2	-
General operating, leave, benefits ⁵	11	-	-	-	10	1	-
Payments to personnel:							
Salaries.....	21	-	-	-	20	1	-
Other.....	72	-	-	57	14	(Z)	-

See footnotes at end of table 2F.

Table 2E.--COST OF SURVEY OF COMPONENTS OF CHANGE AND RESIDENTIAL FINANCE, 1958 to 1963

(Years ending June 30. Thousands of dollars. Figures may not add exactly because of rounding. Table 2A shows expenses shared by the 1960 Censuses of Population and Housing, the Survey of Components of Change and Residential Finance (SCARF), the 1959 Censuses of Agriculture, Irrigation, and Drainage, and the censuses of the outlying areas of the United States. Any estimate of the total cost of the SCARF program should include an estimate of the proportionate share of these expenses)

Activity	Total	1958	1959	1960	1961	1962	1963
TOTAL.....	2,840	-	243	1,592	553	333	120
General operating, leave, benefits ⁵ .	417	-	65	170	94	66	22
Payments to personnel:							
Salaries.....	1,838	-	152	1,112	359	160	55
Travel.....	214	-	16	174	25	(Z)	-
All other.....	371	-	11	136	75	107	43

See footnotes at end of table 2F.

Table 2F.--COST OF 1959 AGRICULTURE, IRRIGATION, AND DRAINAGE CENSUSES, UNITED STATES AND PUERTO RICO, 1958 to 1963

(Years ending June 30. Thousands of dollars. Figures may not add exactly because of rounding. Table 2A shows expenses shared by the 1960 Censuses of Population and Housing, the Survey of Components of Change and Residential Finance, the 1959 Censuses of Agriculture, Irrigation, and Drainage, and the censuses of the outlying areas of the United States. An estimate of the total cost of the 1959 Censuses of Agriculture, Irrigation, and Drainage including an estimate of the proportionate share of these shared costs is given at the foot of table 2A)

Activity	Total	1958	1959	1960	1961	1962	1963
TOTAL.....	20,978	232	690	14,834	3,976	1,132	115
General operating, leave, benefits ⁵ .	1,896	74	173	911	518	210	10
Payments to personnel:							
Salaries.....	14,265	139	364	10,374	2,645	709	34
Travel.....	2,398	6	46	2,139	186	22	(Z)
All other.....	2,420	13	107	1,410	627	192	71

Footnotes to tables 2A to 2F

- Represents zero.

(Z) Less than \$500.

(-Z) Credit (adjustment for overcharge), less than \$500.

¹This was not an expenditure. It is a total of accounting figures which were added to and are included in the detailed figures for expenditures in these tables to represent the proportionate share of deterioration of equipment used in the Eighteenth Decennial Census. It should be prorated in the appropriate places by anyone using the figures in the tables; most of this allowance for depreciation is in the figures for cost of computer time in table 2C.

²Eighteenth Decennial Census shared costs are for personnel, equipment, supplies, etc., shared by the 1960 Censuses of Population and Housing, the Survey of Components of Change and Residential Finance (SCARF), the population and housing censuses of Puerto Rico and the other outlying areas, and the 1959 Censuses of Agriculture, Irrigation, and Drainage. Estimates of the total cost of (a) the 1960 population and housing censuses (including the censuses of the outlying areas and SCARF and including an estimate of the proportionate share of the shared costs), and (b) the 1959 Censuses of Agriculture, Irrigation, and Drainage are given at the foot of table 2A. Any estimate of the total cost of the Censuses of Population and Housing without SCARF and the outlying areas, or of SCARF alone, or of the censuses of the outlying areas, should include an estimate of the proportionate share of the shared costs.

³Prorated charges for (a) Bureau general expense, i.e., the executive staff and the expenses of certain administrative divisions of Census Bureau which perform services and operations for the other divisions, (b) employees' sick leave and vacations, and (c) employee benefits, e.g., retirement funds (for years after fiscal year 1960).

⁴Prior to fiscal year 1958, approximately \$375,000 was spent for FOSDIC development in fiscal years 1951-57: \$18,000; \$47,000; \$82,000; \$15,000; \$13,000; \$45,000; \$155,000, respectively.

⁵Prorated charges for (a) division general expense (salaries of division chiefs and their immediate central staffs, and supplies and other charges for their functions), (b) employees' sick leave and vacations, and (c) employee benefits, e.g., retirement funds.

⁶Two Univac I computers, serial Nos. 1 and 13, were traded in on the two Univac 1105's for an \$800,000 credit. They were later repurchased: serial No. 13 was repurchased for \$248,000, of which \$170,000 was charged to the Eighteenth Decennial Census; serial No. 1 was purchased for \$120,000 (\$3,000 a month for 40 months), none of which was charged to the Eighteenth Decennial Census.

⁷Includes some items used for both the population and housing censuses.

⁸In the case of a number of special censuses of local areas which also served as pretests, only the additional expense incurred thereby was charged to the Eighteenth Decennial Census.

⁹The temporary field offices were furnished with excess office furniture from other Federal agencies.

¹⁰Includes \$1,876,000 for direct field costs plus \$504,000 for postal services, \$243,000 for miscellaneous procurement, and \$73,000 for miscellaneous costs.

¹¹For convenience of administration and accounting, a uniform hourly charge for electronic data-processing time was assessed regardless of whether the work was for the Eighteenth Decennial Census or some other activity. The hourly rate included, in addition to operating and maintenance costs, an amount for amortizing the capital investment. Because capital outlays for much of the equipment were defrayed from Eighteenth Decennial Census appropriations, there were periodic adjustments of charges for electronic data-processing time which had been assessed against the Eighteenth Decennial Census.

¹²Part of this cost is for the 1959 Census of Agriculture.

¹³This census was conducted by the Bureau of the Census but almost all costs were borne by the Department of Interior.