APPENDIX

INSTRUCTIONS AND SCHEDULE FOR THE CENSUS OF AGRICULTURE, 1925

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The following pages contain copies of the instructions to enumerators and of the schedule (see pp. 1315-1318) used in the collection of statistics of agriculture at the census of 1925. Some of the most essential instructions were printed on the schedule itself, but all of the instructions, in detail, were included in two pamphlets entitled "Instructions to Enumerators" and "Supplemental Instructions to Enumerators."

INSTRUCTIONS TO ENUMERATORS

GENERAL INSTRUCTIONS

1. Oath of office.—A certificate of appointment has been sent you, together with a blank form of oath or affirmation. You must take and subscribe to this oath in accordance with the instructions printed thereon, and return it to the supervisor by whom you were appointed, before you can begin work as enumerator. After you have taken this oath you can not without justifiable cause neglect or refuse to perform the duties of an enumerator. (See sec. 22 of the census act.)

2. Receipt of supplies.—The supervisor of your district will furnish you with the necessary schedules, blank forms, and other supplies. You should promptly acknowledge the receipt of these supplies on the card which is inclosed with them.

3. Identification.—The certificate of appointment which has been sent you contains a statement to the effect that you are a sworn employee of the Bureau of the Census. This certificate of appointment must be carried by you at all times and should be exhibited when its exhibition will aid you in obtaining the information you seek.

4. Method of handling schedules.—The portfolio furnished you is to be used in your daily canvass. It will not be necessary for you to carry in it, on any one day, more schedules than you will require for that day's work. The schedules may be doubled over as they are carried in your portfolio, but they should not be sharply folded or creased; and when not in the portfolio they should be kept flat. Schedules already completed and blank schedules not in use must be carefully put away where they will not be in danger of examination by unauthorized persons.

5. Additional copies of schedule.—Whenever it becomes evident that the number of copies of the farm schedule sent to you is not sufficient for the work in your district, you must ask the supervisor at once for additional copies.

6. Enumeration district.—The limits of the district within which you are to take the farm census are stated on the inside of your portfolio. Outside of your district you have no authority and will have no census duties to perform.

7. Complete canvass required.—It is your duty to secure a complete report for every farm in your district.

8. Time allowed for enumeration.—The enumeration will commence on Monday, December 1, 1924, and in some districts at an earlier date. It must be completed as quickly as possible, in any case not later than Saturday, January 31, 1925. It is expected that the great majority of the enumerators will complete their work early in January.

9. Enumerators' rights.—You have the right to ask every question contained in the farm schedule and to obtain answers to each and all of them. You are cautioned, however, not to mention or emphasize the compulsory feature of the enumeration unless it is necessary.

10. Census schedules are confidential.—The information on the census schedules will be treated as strictly confidential under all circumstances. In particular, this information will not be used as a basis for taxation, nor will it be communicated to any tax assessor. Make these points clear, especially in dealing with persons who seem to be unwilling to give the information requested.

11. Refusals to answer.—In case your authority is questioned, show your certificate of appointment, which you should carry with you for this purpose. It is of the utmost importance that your manner should always be courteous and conciliatory. More can be done by tack and persuasion than by show of authority. If any person objects to answering any question on the schedule, explain that the information is strictly confidential and that it will be used only in compiling totals for the county.

12. Source of information.—Obtain the information with regard to a farm from the farm operator in every case where this is possible. If it is necessary to accept the statements of a member of his family or of some other person, be sure that this person is able to give you reliable information.

13. When you find a farm whose operator lives outside your district, or who is outside the district at the time of enumeration, so that it is not possible for you to see him personally, secure the information for this farm as best you may from a neighbor or from any other reliable source that may be available. It is essential that you turn in a completed schedule for *every farm in your district*.

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14. Obtain the information for a farm from the operator who is living on that farm at the time of your visit, even though this man may have recently moved onto the farm and may not have operated it during the preceding season. He will be able to give you the inventory items, of course, without any difficulty, and he can give you at least approximate figures for the previous year's crops and other products. Do not permit a man who has recently taken possession of his present farm to report the crops that he raised in 1924 on some other farm.

15. Enumeration of plantations.—In case of a plantation operated by tenants, go first to the owner or manager of the plantation and obtain, in addition to the schedule for the "home farm," at least a list of all the tenants on the plantation. If the owner or manager is able to give also the crop acreage and any other information with regard to the tenant farms, secure from him as much as possible of *all* the information required for the tenant schedules.

16. Transfer to an individual schedule the information received for each tenant, and then interview the tenants, wherever necessary. Obtain from each tenant the farm population figures (Questions 40 to 43) and any other items that are missing in the first part of the schedule, go over with him the figures you obtained from the plantation headquarters, and find out if any crops, domnestic animals, or poultry have been omitted. It is essential that you obtain a full and complete report for every tenant.

17. Daily report cards.—Fill out a daily report card at the close of each day's work, entering on the card the date and the number of schedules obtained during the day, and mail this card at once to your supervisor.

18. Shipment of schedules to supervisor.—At the end of the first two days' work, you must immediately send to your supervisor by registered mail the schedules which you have filled out during those two days. He will examine these schedules at once and will advise you whether they are satisfactory or not, and will give you additional instructions if necessary.

19. Thereafter, at the end of each week you must send to the supervisor the schedules which you have completed during the week. Place the schedules upon one of the pieces of corrugated board which have been furnished you, wrap them carefully in paper, affix one of the labels addressed to the supervisor, and forward the package by registered mail. Do not roll or fold the schedules, as it makes them difficult to handle in the tabulation.

20. Completion of enumeration.—As soon as the work in your district is finished, you are required (1) to fill out and mail the certificate of the completion of the enumeration; and (2) to pack the schedules taken during the last week, together with your portfolio, containing your certificate of appointment, your final report, and all unused blank schedules and supplies, and return these to your supervisor by registered mail.

21. Payment for services.—The rate of compensation for the work of enumeration in your district is stated in your certificate of appointment. Approximately at the end of each month's work the supervisor will send you a voucher based on the number of schedules which he has received from you, for your certification. As soon as you return the voucher to the supervisor, he will add his certification and forward it to the proper office for payment and the amount due you will be sent you by mail in the form of a United States Treasury draft payable to your order.

22. Use of mails.—The census law (see. 29) provides that all mail matter (of whatever class or weight) relative to the census is to be transmitted free of postage, when properly indorsed. This provision is embodied in sections 487 and 869 of the Postal Laws and Regulations for 1924, quotations from which will be found pasted on the inside of your portfolio. If the postmaster refuses to receive such mail matter, refer him to these sections of the Postal Laws and Regulations, and in case of further trouble, report the facts to your supervisor.

23. Use of telegraph and telephone.—In communicating with the supervisor of your district, for all ordinary purposes the mails will be found sufficient; but should any emergency arise in which you need immediate counsel and instruction, use the telegraph or telephone. All telegrams should be sent to the supervisor "collect," and indersed "Official business, Bureau of the Census." The supervisor will pay the charge and will be reimbursed through vouchers furnished him for that purpose. In case of emergency you may telephone to your supervisor, provided that the telephone company will collect the telephone charges from the supervisor.

INSTRUCTIONS RELATING TO THE FARM SCHEDULE

24. Illustrative schedule.—In addition to this book of instructions, which you should study carefully you have been provided with an illustrative example of the proper method of filling out the farm schedule. This example will show you exactly how the schedule is to be filled out for the farm described in the accompanying narrative. If any questions arise in your mind after you have studied carefully both this book of instructions and the illustrative example, you should apply to your supervisor for further instructions.

25. General method of filling out schedules.—Use *black* ink, take pains to write legibly and, in particular, to make figures so that they can be read at a glance. Be sure that you know the proper entry and where it should be made before making it, so as to avoid erasures.

26. Enumerator's record.—Fill out carefully the blank spaces for the enumerator's record on each schedule. The name of the 'Incorporated city, town, or village'' is, of course, required only when the farm is inside the limits of such an incorporated place. Date and sign every schedule in the spaces provided therefor.

27. Number the farms as you visit them, beginning with No. 1, and continuing in order through the enumeration district. Enter the number of each farm in the space provided for "Number of farm in order of visitation" at the top of each schedule.

28. The names of the State and county must be written in full in the proper space on each schedule. Abbreviations will not be permitted, but a rubber stamp may be used if convenient.

29. Code numbers on schedule.—Pay no attention to the figures in the columns headed "Code" nor to the sections marked "For office use only," which appear under Questions 26 and 36.

30. All questions to be answered in order .--Obtain and enter the information sked for on the schedule in the order of the inquiries. If farm records or accounts are kept, take figures from these, but if exact figures are not available obtain the best possible estimates. Where there are no grops or animals corresponding to names listed on the schedule, leave the spaces opposite such names blank. Do not leave any questions blank, however, by reason of difficulty in getting information. Even a rough estimate is better than a blank space.

31. Definition of a farm.—A farm, for census purposes, is all the land which is directly farmed by one person, either by his own labor alone or with the assistance of members of his household or hired employees. The land operated by a partnership is likewise considered a farm.

32. A "farm" may consist of a single tract of land, or of a number of separate tracts, and these several tracts may be held under different tenures, as when one tract is owned by the farmer and another tract is rented by him. Thus, if a man who owns 100 acres rents an additional 10 acres from some one else and operates both the 100 acres and the 10 acres, then his "farm" includes the 110 acres.

33. When a landowner has one or more tenants, renters, croppers, or managers, the land operated by each is considered a farm. Thus, on a plantation, the land operated by each cropper or tenant should be reported as a separate farm, and the land operated by the owner or manager by means of wage hands should likewise be reported as a separate farm. Or, to take an example of a different kind, if a man owning 120 acres of land, rents 40 acres to a tenant and farms the remaining 80 acres himself, his "farm" is the 80 acres which he operates, not the 120 which he owns, while the 40 acres rented comprise a separate farm to be reported in the name of the tenant.

34. Small farms.—All market gardens, truck and fruit gardens, nurseries, greenhouses, poultry establishments, and city or village dairies are to be considered farms if they use 3 acres of land or more, or if their 1924 products were valued at \$250 or over. Do not report as a farm any tract of land of less than 3 acres, however, unless its products in 1924 were valued at \$250 or over.

35. Institutional farms.—The lands utilized by public institutions, such as almshouses, insane hospitals, etc., for growing vegetables or fruit, or carrying on other agricultural operations, are, for census purposes, farms. Such farms include only the land used for agricultural purposes, and their value is the value of that land, together with the value of such buildings only as are used mainly for agricultural purposes. Do not include with the farm population, as reported under Questions 40 to 43, any of the *inmates* of public institutions.

36. Farm operator.—The term "farm operator" is employed by the Census Bureau to designate the person who directly works a farm, as owner, hired manager, tenant, or cropper, conducting agricultural operations either by his own labor alone or with the assistance of members of his household or of hired employees. Note especially that a farm should be returned in the name of such farm operator—that is, of the person actually conducting the agricultural operations—even though he may be subject to incidental supervision. Thus when land is rented, the tenant, not the owner, is the farm operator, even though the owner may exercise some supervision over the farming operations.

INSTRUCTIONS FOR SPECIFIC QUESTIONS

37. Many of the questions are perfectly clear as they stand on the schedule and others are made clear by the notes which are printed on the schedule just below the question. No further comment will be made with regard to such questions.

38. Section I. Information concerning farm operator. (Questions 1-4.)—All these questions must be answered on every schedule.

39. Question 3. Color or race. — Write "W" for white; spell out in full the name of any other race, using "Negro" for either black or mulatto.

40. Section II. Farm tenure. (Questions 5-11.)—Except on schedules where Question 10 is answered "Yes," figures should always be given for Question 5 or Question 6, or for both.

41. When figures are given for Question 6 and not for Question 5, then Questions 7, 8, and 9 should be answered. Where no acreage is reported under Question 5, Question 11 must be answered.

42. Question 5. Acres owned.—If the farm operator does not own any of the land *in this farm* but farms entirely as a tenant or manager, leave this question blank, even though he may own farm land elsewhere.

43. Farm land is regarded as "owned" not only where the operator holds direct title to it, but also where it is owned by his wife, where the operator holds possession as an heir or one of the heirs to an undivided estate, where he is trustee or guardian for such heirs, where he has bought the land on a contract for a deed, or where he has purchased a farm sold for debt and holds it subject to redemption by the original owner.

44. Ranchers using public lands.—Public land used by a rancher without rental is not a part of the operator's farm, and where a rancher owns or leases no land but grazes animals entirely on public domain, write opposite Questions 5 and 12 "No land owned or leased."

45. Question 7. Rent paid.—It is very important that this question relating to the rent paid should be answered carefully and accurately. In particular it is important to know whether the tenant pays cash rent, a share of the crops, or a stated amount of farm products. Be sure that your answer indicates clearly which form of rent is paid, even if you have to estimate the amount.

46. Section III. Farm acreage. (Questions 12-21.)—Question 12 must be answered on every schedule, except where the entry "No land owned or leased" is used, as directed in paragraph 44. In almost every case there should be an entry for Question 13, and usually there will be entries for several other questions in this section.

47. Question 12. Total farm acreage.—The acreage reported in answer to this question must include all the land on which the person named in answer to Question 1 conducts farming operations of any kind, whether such land is actually tilled, is lying idle or fallow, is used for pasture, or is in woodland or other unimproved land. Thus there may be included land which is detached from that on which the major portion of the farming operations are conducted and which may not be adapted to profitable farming; but if the land is a part of the farm as originally purchased by the owner, or if it is under the control of the tenant or manager, or is used by him in any way, it should be included in the total acreage of the farm. Such distinct tracts should not be shown separately, but in all parts of the schedule they should be regarded as a part of the farm and should be treated in the same manner as if all the land were in a single continuous tract.

48. The total acreage of the farm, as given in answer to Question 12, should equal the sum of the numbers of acres reported under Questions 13 to 21, inclusive. Fractions of an acre should not be entered in answer to any of these questions.

49. Where acress are shown for both Question 5 and Question 6, the sum of these two figures should equal the acreage shown under Question 12. Where Question 5 alone, or Question 6 alone, is answered, the answers should agree with the answer to Question 12.

50. Question 13. Land in crops harvested in 1924.—Do not include here land from which the crops were not harvested by reason of crop failure nor any land used exclusively for pasture. Do include, however, in addition to the classes named on the schedule, any land on which a crop of corn, cowpeas, velvet beans, or other crop was raised to maturity and hogged or grazed off.

51. Question 14. Crop failure.-Do not include here crop land lying idle or land in cultivated summer fallow.

52. Questions 17-19. Pasture land.—Report here only land which was used exclusively for pasture during the year 1924. Do not include land which was pastured after the crop was harvested, nor grain fields which were pastured for a time in the winter or spring but which later produced a crop of grain.

53. Questions 18 and 20. Woodland.—All land occupied by trees or young growth which has or will have value as wood or timber should be classified as woodland. Report such land under Question 18 if it was used for pasture in 1924, or under Question 20 if it was not used for pasture.

54. Section IV. Farm values.—(Questions 22-24.)—Question 22 must be answered in every case (except where a stock raiser uses public range only) and Questions 23 and 24 should also be answered in nearly every case.

55. Question 22. Total value of farm.—Give the value of the land reported in answer to Question 12, whether such land is owned, ronted, or managed by the farm operator, including the value of all buildings and improvements attached to the land. Do not include the value of implements and machinery or livestock. The farm operator's valuation must be accepted unless you have reason to believe that such valuation is below the actual value of the farm or is grossly exaggerated. In such cases give, as nearly as you can determine, the amount for which the farm, including buildings and improvements, would sell under normal conditions (not at forced sale). The appraiser's valuation, on which taxation of the farm is based, is not to the farm operator that the values ground be cased only when it appears to be fair and reasonable. Make it clear to the farm operator that the values ground be cased by any persons except the employees of the Census Bureau.

56. Question 23. Value of farm buildings.—A fair estimate of the present value of the farm buildings is desired, not a replacement value.

57. Factory equipment on farms.—Do not include, either here or under Question 22, the value of buildings such as creameries, canning factories, or sugar mills, which, though situated on the farm, are used for manufacturing rather than for farm purposes, and do not include under Question 24 the value of any machinery used for such purposes. Where any materials other than those produced on the farm neused, the establishment should ordinarily be considered a manufacturing establishment and the values should not be included on the farm schedule. A canning factory should not be included in any case, even though it uses only the products grown on the farm.

products grown on the farm. **58.** Question 24. Value of implements and machinery.—Report the value of all implements, machinery, etc., used in operating the farm and permanently (or usually) kept on the farm, whether they belong to the farm operator or not. Machinery owned cooperatively by a group of farmers should be reported on the schedule for the farm where it is usually kept; or if no "usual" place is provided, then on the schedule for the farm where it happens to be on January 1, 1925. Include all tools; wagons; carriages; harnesse; dairy equipment; cotton gins; threshing machines; apparatus for making cider, grape juice, sugar and sirup, or drying fruits; and all engines, motors, tractors, automobiles, motor trucks, and other machinery used for manufacturing purposes as defined in paragraph 57. To Science V. Event other (Outcotine 25 67). It can be interpreted to the parameters when be interpreted and the paragraph 57.

59. Section V. Farm debt. (Questions 25-27.)—If any farmers hesitate to answer the questions on farm debt, assure them that the figures will be kept absolutely confidential and that nothing except county totals will be published. It is very important to have complete returns for these questions.

60. Question 25. Mortgage debt.—This question must be asked of all farm operators, including tenants, since considerable numbers of tenants own farm land elsewhere; or you may first ask a man operating rented land only, if he owns any farm land anywhere. If he answers "No," then, of course, he can have no mort-gage debt.

61. When you find out that a farm operator has no mortgage debt, write the word "None" in the space opposite Question 25. It is quite as important to have positive statements with regard to farms that are free from debt as it is to have the debt reported.

62. The debts which should be reported as mortgage debt include not only all debts secured by instruments locally called "mortgages," but also all debts represented by deeds of trust, judgment notes, contessions of judgment, deeds with vendor or lien.clause, bonds or contracts for title, or any other legal instruments tata partake of the nature of mortgages upon real estate. Do not include any debts represented by mortgage or lien on livestock or on implements and machinery.

63. Where the mortgage on a farm covers buildings and land together (as it usually does), give the whole amount of the mortgage outstanding, and do not try to separate that part which is secured on the land only.

64. Question 26. Value of mortgaged land.—Whenever any mortgage debt is reported under Question 25, find out the value of the land covered by the mortgage. Usually this value will be the same as the value entered for Question 22, but it may be less, where only part of the "farm" is mortgaged, or it may be more, where the farm operator owns other farm land which is included under the same mortgage.

65. Question 27. Other debts.—This question must be asked of all farm operators, including tenants. Report here all debts which the farmer owas, which are not secured by mortgage on real estate. Include short-time loans, whether unscurred, or secured by mortgage on livestock, implements and machinery, crops or other chartels; unpaid store and other accounts of more than 30 days' standing; interest due and unpaid; delinquent taxes; and other forms of indebtedness.

66. Section VI. Farm expenses. (Questions 28-33.)—Questions 28 to 31, relating to farm expenditures for feed, fertilizer, etc., will be answered frequently or infrequently according to the section of the country.

67. Question 32. Taxes on all farm property.—This question, which relates to the taxes on all farm property owned by the farm operator, should be asked of every farmer, including all tenants who own livestock or any other taxable farm property.

68. Do not include poll taxes or income taxes (which are not property taxes at all) nor taxes on property not used in the farm business, such as notes, stocks, bonds, city real estate, etc.

69. In irrigation districts do not include taxes or payments for obtaining water, either for construction charges, for purchase of water rights, or for maintenance and operation. In drainage districts do not include either drainage taxes or special assessments for drainage purposes.

70. Where taxes on property which is not used in the farm business, as mentioned above, appear on the same tax receipt in combination with taxes on farm property, obtain an estimate of the amount of taxes which relate to the farm property alone. This estimate can readily be made on the basis of the assessed valuation of the two classes of property. Thus if the farm property represents 80 per cent of the total assessed valuation, then 80 per cent of the total taxes should be counted as farm property taxes.

71. Question 33. Taxes on land and buildings in this farm.—This question, which calls for the taxes paid on the farm (land and buildings) to which the schedule relates, need be answered only for full owners—that is, for farmers who own all the land which they operate.

72. The taxes reported here should include only the taxes paid on the land and buildings in this particular farm. The acreage covered by this tax should be identical with the acreage reported under Question 12.

73. If the taxes on this particular farm are included with the taxes on land rented to others, or with taxes on other property, obtain an estimate of the amount of the taxes on this farm alone.

74. Section VII. Cooperation. (Questions 34 and 35.)—These questions will be answered frequently in localities where there are flourishing cooperative organizations and infrequently or not at all in localities where there are no such organizations.

75. Section VIII. Farm facilities. (Questions 36-39.)-Questions 36, 37, and 39 should be answered on every schedule.

76. Section IX. Farm population. (Questions 40-43.)—Report in this section, under the proper classification, all persons living on the farm for which the schedule is made out. This will usually include at least the farmer himself and the members of his family. Wherever farm laborers or other persons live with the farm family or in separate dwellings on the farm, all such persons should also be included as a part of the farm population. Where the farm operator lives in a near-by town or village and not on the farm, however, neither he nor his family should be included in the farm population. Thus there will be an occasional farm schedule which will correctly show no farm population.

77. Do not include in the farm population the *inmates* of an institution, such as an insame hospital, reform school, or almshouse, located on a farm, even though they may do some work on the farm.

78. Section X. Crops harvested in 1924. (Questions 44-114.)—The crops to be reported in this section are the crops which were harvested in 1924 from the land which has already been reported under Question 13, whether these crops were raised by the present operator or by his predecessor. Do not report on this schedule any crops raised by the farmer on *other land* which he may have been farming in 1924. Where there has been a change in farm operator since the 1924 crop season, the production record on the farm schedule is for the *farm* and *not* for the farm operator.

79. Every reasonable effort should be made to obtain figures based on records, or if no records were kept, reliable estimates made by persons directly concerned with the growing of the crops. You should be well informed, however, with regard to the usual production per acre of various crops in your district, and other factors which will enable you to assist the farmer in making estimates, where this is necessary. Do not offer any assistance, however, unless it is clearly needed.

80. Unit of measure.—Report all quantities in the unit of measure printed on the schedule. Where quantities are reported to you in other units, reduce the unit reported to the one specified on the schedule.

81. Report both production and acreage.—Make sure that both production and acreage are reported wherever both are called for, and each in its proper column. In particular, see that there are no crops with acreage alone reported and the space for production ("Bu.," "Tons," etc.) left blank. Do not make any entries, however, in the spaces marked "X X X."

82. Corn.—In the section on corn, the sum of the acres reported for Questions 45 to 48, inclusive, should equal the acreage reported for Question 44.

83. Small grains. (Questions 49-58.)—Report as "cut for grain and threshed," the acreage and production of small grains cut but not yet threshed, estimating the number of bushels of grain that will be obtained when they are threshed.

84. Hay crops.—Tons of hay must be shown under Question 83 whenever acreage is reported under any of the following Questions: 55, 60, 64, 68, 72, 76, 77, 78, 79, 80, 81, or 82.

85. Do not report acreage for any hay crop unless the hay was actually cut in 1924.

86. Question 81. Other tame or cultivated grasses.—Include here old meadows, even though made up largely of plants other than those listed under the question on the schedule. The "wild grasses" entered under Question 82 should be those cut on strictly uncultivated land.

87. Questions 62-75. Annual legumes.—Where annual legumes are planted after oats, corn, or other crops have been harvested from the land, they are to be reported as "grown alone." In other words, they are to be reported as "grown with corn or other crops" only when the two crops are grown on the land at the same time.

83. Question 84. Cotton.—Cotton is to be reported in running bales. These bales weigh approximately 500 pounds each. If the cotton has been packed in round bales, report its equivalent in square bales of 500 pounds each, counting two round bales as equivalent to one square bale. Where only a part of the cotton has been ginned, it will be necessary to estimate the number of bales yet to be ginned; this will include an estimate, in some cases, for cotton that has not even been picked.

89. Mixed crops.—Where two grain crops, such as oats and barley, or oats and wheat, were grown and harvested together, obtain from the farmer an estimate of the proportion of each crop and divide the acreage accordingly. Thus, if he had 10 acres of oats and barley mixed and estimates that they were mixed in approximately equal parts, then enter 5 acres for oats and a scres for barley, and divide the production in accordance with the usual production of the two grains where they are grown separately.

90. Crops not named on schedule.—Do not try to report separately any crop, the name of which is not printed on the schedule. Report the total acreage of all such crops together under Question 98.

91. Section XI. Forest products. (Questions 115–117.)—Question 115 (cords of firewood cut) should be answered on practically every schedule in a locality where farmers depend on firewood cut on their own farms for fuel. In answering Question 116 (acreage of woodland burned over), include the acreage of woodland burned over to destroy old grass and weeds in order to improve the grazing.

92. Section XII. Livestock and livestock products. (Questions 118-158.)—Report all domestic animals on the farm on January 1, 1925, whether they belong to the farm operator or not. The phrase on the farm (in the case of all farmers except those using the public range) means regularly kept on the farm. If a farmer hires his neighbor's team for a short time, this team is not to be regarded as "on the farm" for census purposes and should not be included in that farm schedule, even though it may happen to be at work on the farm January 1, 1925. But horses or other animals belonging to the hired man or to others, which are boarded or cared for on the farm should be included. Breeding animals owned jointly by two or more farmers and kept in turn on the various farms should be reported on the farm where they happen to be on January 1, 1925. In the case of ranchmen using public range, animals "on the farm" should be understood to mean all animals belonging to or under the care of the ranchman for whom the schedule is prepared.

93. Report number of animals for January 1, 1925.—When the farm is enumerated prior to the census date, January 1, 1925, you must find out if the farmer expects to add to his stock, or to sell or slaughter any stock, before January 1, 1925. If so, you must obtain an estimate of the numbers of animals which he expects to have on hand on January 1, 1925, and enter these figures on the schedule. This is especially important in sections where large numbers of animals are sent to market during the month of December, or where sheep are transferred to winter quarters at some distance from their summer pasture.

94. Questions 122-130. Beef and dairy cattle.—You are to classify all cattle either as beef cattle or as dairy cattle, according to the principal purpose for which they are kept. Cows kept principally for beef may be milked for considerable periods during the year, and cows kept principally for milk will, of course, eventually be slaughtered for beef.

95. Questions 131-136. Dairy products.—Where dairy cows are reported under Question 130, Questions 131 and 132 should be answered, and usually one or more of Questions 133 to 136 as well. Note, further, that there may be entries under "Dairy products" representing products obtained from beef cows. That is, cows, which are keept primarily for beef production often afford an important source of income through the incidental production of milk.

96. Question 131. Milk produced.—For this question enter the total number of gallons of milk produced on the farm in 1924, including milk used on the farm in any way, as well as milk sold. Obtain from the farm operator either figures based on records or the closest possible estimate of the actual production.

97. When the amount of milk produced is reported in pounds it must be reduced to gallons before it is entered on the schedule. To make the reduction multiply the number of pounds by 0.116 (or multiply by 11.6 and divide by 100). Report only the whole number of gallons, omitting decimals.

98. Question 134. Butterfat sold.—Where milk or cream is sold on the basis of butterfat content, it should be reported as butterfat sold and not as milk or cream sold. To put it another way, if the farmer receives payment for a given number of pounds of butterfat, it will be correct to report the product as butterfat sold.

99. Questions 135 and 136. Cream and milk sold.—Report under Questions 135 and 136, respectively, all cream and whole milk sold by the quart, gallon, or hundredweight of the the farmer receives payment for a given number of guarts, gallons, or hundredweight of cream or milk, it will be correct to report the product here, even though the price received varies somewhat with the butterfat content.

100. Questions 137-141. Sheep and wool.—Where sheep are reported under Questions 137 to 139, wool should ordinarily be reported under Question 140 and sheep shorn under Question 141. In certain sections of the country, sheep are shorn twice during the year. In such instances report the number of sheep shorn during the year, not the number of fleeces cut, and write the words "shorn twice" on the margin of the schedule.

101. Questions 142-144. Goats and mohair.—Where goats are reported under Question 142, there may or may not be a report for mohair. Goats of short-haired varieties which do not yield mohair are often kept, especially where there are only a small number of goats.

102. Questions 148-150. Young animals raised.—Wherever any considerable numbers of either cattle, sheep, or hogs are reported as on hand on January 1, 1925, there should also be calves, lambs, or pigs reported under Questions 148, 149, or 150 as raised in 1924.

103. Questions 155-158. Chickens and eggs.-Where chickens are reported under Question 155, eggs should practically always be reported under Question 157, and chickens raised under Question 158.

SAMPLE SCHEDULE AND SPECIAL ENUMERATION AREAS

104. Distribution of sample copies of farm schedule.—A large number of sample copies of the farm schedule will be distributed to farmers throughout the country through the rural mail carriers before the enumeration begins. The farmers will be asked to fill out these schedules and keep them until the enumerator calls for them, and not to mail them to the Census Bureau. Whenever you find that a farmer has filled out this sample schedule, go over it carefully, to make sure that he understands the questions and has answered them correctly and completely, and then copy the information to one of your regular schedules.

105. If the farmer says he has already mailed the schedule to the Census Bureau (in spite of instructions to the contrary), you must secure the information from him, just as if he had never had the sample.

106. Areas excluded from regular enumeration districts.—You must not secure schedules for farms on any portion of the national forest reserves or reclamation projects. All farms in these areas will be enumerated by persons regularly employed by the Forest Service and the Reclamation Service, respectively. Further, the Commissioner of Indian Affairs has requested the Indian agents to cooperate with the supervisors in enumerating Indian reservations where it is at all possible to do so. If there are any Indian reservations in your district, therefore, you should confer with the Indian agent with reference to the enumeration of the reservations and use great care to see that none of the work done by the Indian agent is duplicated by your enumerators.

SUPPLEMENTAL INSTRUCTIONS TO ENUMERATORS

107. Townships to be completed.—Where an enumeration district consists of two or more townships, districts, or other civil divisions of the county, the first township should be completed before the second is commenced, so far as this is practicable.

108. Abandoned farms.—No schedules are to be secured for abandoned farms, that is, for farms which were not operated in 1924 and which do not seem likely to be operated in 1925 or at any time in the near future. Farm land is considered as being "operated" not only when cultivated crops are raised on it but also when it is used for pasture or when hay is cut from it by the owner or by a man who has hired the land.

109. While no schedules are to be secured for abandoned farms, you should keep a record of the number of such farms that come to your attention, so that you can report this number to your supervisor when you have finished the district.

110. You will find occasionally a farm which was left idle during 1924 for some accidental reason and which will be operated again in 1925. For such a farm you should secure a schedule showing the acreage, value, and other inventory items, writing across the crop section "No crops raised in 1924."

111. Ranches.—The census definition of a farm is intended to include the so-called ranches, where stock raising is the principal source of income, as well as those smaller farms where cultivated crops are important.

112. Livestock on range.—A flock of sheep or a herd of cattle being pastured on the public range or in the National Forest by a man who does not own any land should be reported on a farm schedule, as indicated in paragraphs 44 and 92 of the Instructions to Enumerators. In some States the number of cattle and sheep on the range is very important and every effort should be made to get returns for all of this stock. It is more important to get all of the stock reported, without duplication, than it is to make the schedule conform exactly to the plan used for the usual type of farm.

113. In some parts of the Mountain and Pacific States, where the numbers of sheep running on the range are very large and where a single owner frequently owns a considerable number of flocks or bands of sheep, arrangements have been made to have the owner make a single report for all of his sheep which are in one county, in place of trying to secure a schedule for each one of the separate flocks. Where this arrangement has been made you will be given special instructions by your supervisor. Unless you receive such special instructions by your supervisor. Unless you receive such special instructions you should proceed to obtain a schedule for each flock of sheep which you find in your district, or if you find several flocks under one management, then a separate schedule of each separate.

114. Feed lots.—On many farms considerable numbers of animals will be found in inclosures or feed lots where they are being fed in preparation for the market or to keep them through the winter until the time when they can be returned to the range. This livestock will, of course, be reported on the schedule for such farms. Similar feed lots or inclosures will also be found where there are no other farming operations. Such feed lots should be reported as farms, since the feeding of animals under these conditions is strictly an agricultural operation. This would not, of course, include animals in stockyards where they are kept simply to await a convenient time for shipment, but only those animals which are being fed in order to increase their weight or otherwise improve their market condition.

115. Nurseries and greenhouses.—Nursery and greenhouse establishments are to be counted as farms and reported on the farm schedule, so far as the questions apply. There is no specific question calling for the products of either the nurseries or the greenhouses. It is important, however, that we have a report of the acreage and particularly of the value of such establishments. The acreage used for growing nursery and greenhouse products should be included (with the acreage of other crops, if any) under Question 39, 102, etc., as these questions relate only to trees set out where they are expected to bear fruit fruit.

116. Farms in two counties.—Where a farm is situated partly in one township or county and partly in another, it is to be enumerated as if it were all in that township or county where the operator's residence is located. In case of a very large farm lying partly outside the county for which it is enumerated, note on the margin of the schedule approximately the number of access outside that county.

117. Farmers living in town.-There will be cases where a farmer lives in a town and operates a farm 117. Farmers living in town.—There will be cases where a farmer lives in a town and operates a farm outside, perhaps several miles away (actually operates it himself, without having on it either a tenant or a manager), going out to the farm day by day as necessary. If such a farmer keeps no livestock at his place in the city or town and does not carry on any farming operations there, the residence is not a part of the farm. In a case of this kind, where the residence is in one township or county and the farm in another, the farm should be enumerated in the township where it is located, in spite of the fact that the farmer lives in another township. If possible, the enumerator should visit the owner and secure from him the information for the schedule

118. Farms operated by owner and tenant.—A farm is sometimes operated by the owner and a tenant working together. In such a case, if the tenant has allotted to him a definite acreage of land, this should be reported as a separate farm in the tenant's name, even though the tenant spends a large part of his time in working on other land. If there is absolutely no separation of the acreage—that is, no land which can be considered as rented to the tenant—then one schedule should be made out in the name of the owner and the so-called tenant should be considered and. Every effort should be made, however, to obtain a separate schedule for the tenant wherever it is practicable.

119. Name of landlord.—Where a farmer hires land from more than one owner, report under Question 11 119. Name of landlord. — where a larmer mires and from more than one owned, report under Question in the name of the owner of the piece of land on which the farm operator lives, or in case of a part owner who lives on his own land, the name of the owner of the most important of the hired tracts.

120. Farm tenure.-Questions 7, 8, and 9 are to be answered for tenants only and not for part owners.

121. In cases where the rent paid does not exactly fit any one of the four cases, a, b, c, or d, explain briefly what the actual terms are. For example, if a son operating a farm belonging to his father pays no rent, write for Question 7, "Rent free."

122. Homestead land.-Land on which the farmer has settled under the homestead law, but has not yet proved up, should be reported as owned land.

123. Farm values.—The value of the farm must be reported by a tenant farmer as well as by a farmer operating his own land—though in case of a plantation this value may be secured from the landlord or his agent. See paragraphs 15 and 16 in the Instructions to Enumerators.

124. A part owner should report the value of all the land which he operates, including what he hires as well as what he owns.

125. A tenant should report under Question 24 the value of the implements and machinery used in oper-ating his farm, even though he does not own them.

126. Farm mortgage debt.—No report of the mortgage debt on a tenant farm is expected. The tenant will occasionally report mortgage debt on some other farm which he owns, but he should not try to report the debt on the farm which he hires. Note the wording of Question 25: "Mortgage debt on all farm land uldings owned by you."

127. Farm expenses.—The farm expenses to be reported under Questions 28 to 31 should include expenses incurred but not paid. For example, if a farmer used \$300 worth of fertilizer on his farm in 1924, report \$300 under Question 29, even though the fertilizer bill is not yet paid. Expenses other than those named in the questions need not be reported.

128. Where a tenant pays for only a part of the fertilizer used on his crops, he should report under Ques-tion 29 the total cost of the fertilizer, including the part paid by the landlord.

129. Taxes.—Question 32 should show the taxes paid or to be paid for the year 1924, where it is possible to get this figure. Where the farmer knows the amount of his 1924 taxes at the time of the enumerator's visit, he should report this amount, even though he does not expect to pay the taxes until some time in 1925. If he does not know the amount of the 1924 taxes, report the 1923 taxes, which will ordinarily be about the same in amount,

130. Cooperative sales.—In the case of tobacco, and possibly some other crops, it is the custom for some of the cooperative organizations to hold the crop a considerable period before selling it or making returns to the farmer. In cases of this kind, where the farmer has not received the returns for his crop, he should report the value of the tobacco or other product *delivered* to the association during the calendar year 1924, estimating the value, if necessary, on the basis of current prices.

131. Crops not listed on schedule.—A number of crops and other products of considerable local impor-tance were omitted from the 1925 farm schedule by reason of the limited time and the limited appropriation provided for the taking of this census. Many requests have been received for a special enumeration of such items in areas where they happen to be important, but it has been found impracticable to make any such special enumeration, either by the use of a supplemental schedule, by writing the crops in on the regular schedule. or otherwise.

132. Potatoes not dug.—Potatoes which were not dug because the price was so low that it would not pay for the expense of digging, should not be reported under Question 88, but the acreage should be entered as "crop failure" under Question 14.

133. Corn.—Sweet corn grown for silage should be reported under Question 46, in spite of the state-ment at the head of the corn section on the schedule, and its acreage should be included under Question 44. Other sweet corn should be reported under Question 95, or if not grown for sale, under Question 98.

134. Small grains hogged off.—Small grains raised to maturity and then hogged or grazed off by any kind of livestock should be reported under Question 98, since they do not properly belong under Questions 49, 51, 52, 53, or 54, which call for grain cut and threshed, nor under Question 55, which calls for grains cut for hay, nor yet under Question 17, which calls for land used for pasture.

135. Land in wheat or other small grains should be reported as pasture, under Question 17, only when the crop was pastured before ripening and then only in case the pasturing represented the only use to which the land was put in 1924.

136. Crops plowed under.—Crops grown on the land in 1924 and then plowed under for the fertilizing effect should be handled as follows: a. Where any other crop was harvested from the same land in 1924, report the land for the other crop

a. Where any other crop was harvested from the same land in 1924, report the land for the other crop and disregard the crop plowed under altogether.
b. Where a grain crop was plowed under because it did not seem to be making satisfactory progress, report the land as "crop failure" under Question 14.
c. If there are any cases where the sole use made of the land in 1924 was to raise a crop to be plowed under serves somewhat the same purpose; and further, it will not be found in the same part of the country with actual cultivated summer fallow.)

137. Peanut hay.—Report under Question 72 the whole acreage from which peanut hay was saved or secured in any way, not limiting it to the acreage on which the hay was actually "cut."

138. Tonnage of hay .-- Report under Question 83 the number of tons of hay of all kinds together that were cut on this farm, excluding wild hay or any other hay cut on land not owned or hired by the farm operator. This figure should include small grain hay and annual legume hay, as well as hay cut from the clovers and grasses listed under Questions 76 to 82.

139. Livestock products,—The total quantity of milk, eggs, and chickens to be reported under Questions 131, 157, and 158 should include an estimate for the remainder of the month of December, where the schedule is taken in December, 1924. Similar estimates should be made for young animals raised and animals slaughtered, Questions 148 to 154. The figures entered on the schedule should represent the correct answer to the question on January 1, 1925, as nearly as possible.

[Page 1 of the Farm Schedule]

DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS WASHINGTON Items, January 1, 1925; Production Items, Calendar Year							
ENUI	MERAI	ro	R'S RECORD				
State			Number of farm in order of visitation				
County		Enumerated by me this day of, 1	.92				
Supervisor's district Enumeration dist Township or other division of county:	rict		(Signed)				
Township of other division of county.			Bnumeral	or.			
Insert asans of township, town, predict, district, or other division, as Incorporated city, town, or village, if farm is inside the limits of any incorporated place	the otee may be.		Schedule examined and checked:	<i>στ</i> .			
DE A farm, for census purposes, is all the land which is dis by one person, either by his own labor alons or with the a members of his household, or hird employees. The land a partnership is likewise consistence a farm. A "farm" may consist of a single tract of land, or of separate irrack, and these several tracts may be hold um tenness, as whon one tract is owned by the farmer and a lis reated by him.	ectly farmed assistance of operated by a number of der different another tract		OF A FARM When a landowner has one or more lemants, renters, cropper managers, the land operated by each le considered a farm. Thus e plastation the land operated by each cropper or tenant should be ported as a separate farm, and the land operated by the owner manager by means of wage hands should likewise be reported a separate farm. Do not report as a farm any tract of land of less than 3 as unless its products in 1924 were valued at \$250 or more.	on a			
1. INFORMATION CONCERNING FARM OPERAT		ODE Por Blee	III. FARM ACREAGE, JANUARY 1, 1925	CODE			
Name Post office address		Sice Sice miy	12. Total number of acres in this farm Acres	5-5; D-4; B2-4			
3. Color or race		-	Crop land:	F-0			
4. Date when you began to operate this farm: Year Month	F	F-1; B→5	 Land in crops harvested in 1924 Acres Include all fild crops, all tame and wild hay cut on this form, and gardens, orchards, usd vine- yards. Do not count the same land twice, even though two crops were harvested from it. 				
IL FARM TENURE, JANUARY 1, 1925 5. How many acres in this farm do you own?			14. Land from which no grop was har- vested in 1924 because of crop failure or destruction from any cause Acres	FI			
6. How many acres in this farm do you rent from others?		F-2	15. Land in cultivated summer fallow Acres	<u>F-8</u>			
The sum of Rems 5 and 6 should equal the total farm acroage, as reported under Quartion 12. If you rent all of this farm:			16. Crop land lying idle all of 1924 Acres. Do not include any land reported as grop fallure under Question 14, any culturated summar fal- low, or any land used for pasture.	<u>+1</u>			
 What do you pay as rent? a. It a share's paid, give their extention, as ½, ½, ½, est. b. It est is paid, give their extention, as ½, ½, ½, est. c. It a share's paid, give the share of the share share and the share sh	0. B.	F-3	low, or any land used for pasture. Pasture land: 17. Land used only for pasture in 1924 which could be plowed and used for erops without clearing, draining, or irrigating Acres	2			
8. Does the parson from whom you rent fur- nish all the work animals?	(Ten or No)		13. Woodland used for pasture in 1934Acres Include as woodland all farm woodlats, natural or planted, and cut-over land with young growth. Do not include chaparate or woodly whrubs.	3			
9. Do you rent this farm from your own or your wife's parent, grandparent, brother, or sister?	(Yesor No)	ы	Do not include chaparral or woody abrubs. 19. All other land used for pasture in 1924 Acres. Other land:	4			
10. Do you operate this farm for others as a			20. Woodland not used for pasture	5			
11. If you rent any farm land from others, or manage any farm land for others, give name and address of the owner of the land:	(Yes or No)		21. All other land in this farm Acres Include here all rough, swampy, or wasteland politer in forcet, pasture, or crops, and a this the land occupied by building; barnyards, feed lots, roads, etc.	6			
Nams			NorzThoyam of Itams 13 to 21, inclusive, should equal the total acreage of the farm, as reported under Question 12. (Itam 12 should also equal the sum of Itams 5 and 6, except in case of a farm operated by a manager.)				

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i			
IV. FARM VALUES, JANUARY 1, 1925	CODE	IX. FARM POPULATION, JANUARY 1, 1925	CODE
Report all values in DOLLARS, omitting cents		Include in the form population not only the family of the form operator, but also all other personal lying on this farm-speedally farm labores and that families. The family of a famant or creptor should be proported on the schedulo made out for his farm, not on the schedulo for his inadicut's farm.	
22. Total value of this farm (land and buildings)	F-9;	and their families. The family of a tanant or cropper should be reported on the schedule made out for his farm, not on the schedule for his	
buildings)	F-9; D-5; B2-3	landlord's farm.	
or manager, and all buildings and improvements, but not implements and machinery, or livestock.	- 1	40. Number of while children under 10 years of age living on this farm	
23. Value of all pulldings on this farm in-		living on this farm Tolal	E-4
cluded above	F-10	41. Number of white persons 10 years of age and over	
24. Value of implements and machinery used in operating this farm, includ-		living on this farm Male Female	E 5, 6
ing automobiles S	E-1.	42. Number of colored chil-	
Include all tools, wagens, dairy equipment, cotton gins, threshing machines, and other machinery used in carrying on the four business. Eve instructions.		dren under 10 years of age living on this farm Total	E-7
In carrying on the tolm business. Scotnstructions.		age living on this farm Total Include Negro, Indian, Oblacse, and Japaness children.	
V. FARM DEBT, JANUARY 1, 1925		43. Number of colored per- sons 10 years of age and	
Report debt in DOLLARS, omitting cents		sons 10 years of age and over living on this farm Male Remale	E 8, 9
25. Amount of mortgage debt on all farm land and buildings owned by you (anywhere in the United States)		over living on this farm. Male	
(anywhere in the United States)S	D-1		
If there is no mortgage debt on your farm land, write "None."		X. CROPS HARVESTED IN 1924	
26. Value of farm land and buildings cov- ered by mortgages reported above \$	D-2	Corn grown on this farm in 1924:	
		maise." Always report the quantity of corn harvested in bushels of	
For office user 1. Equal to than only Item 22 Item 23 Item 23 Item 23	D-3	lent to 70 pounds of dry corn in the car, or to 2 bushel baskets lovel full	
		Config grown on ano san an ar 2000, or or "Berglinn or "milo no no isolado sweet corr, por or or "Explicator or "a bushes of abaise dorn. A bushes of challed even weight 60 pounds and is equiva- native for pounds of dry or or in the easy, or to 2 bushes baskets lovel full or 18 bushes baskets heaped of husket car orn, or 6 leval or 4 heaped bushes baskets of unbesket orn.	
27. Total amount of other debts, which you owe, not secured by mortgage on real		Acres Quantity	
estate\$\$	D-4	44. Total acreage of corn for all	H-1
	1. 1	purposes X X X	1
VI. FARM EXPENSES Report expanditures in DOLLARS, omitting cents		45. Corn snapped, husked, or to be husked, for grain Bu.	2,3
28. Amount expended in 1924 for hay, grain,			
mill feed, and other products (not	1	46. Corn cut for silage Tons	4,5
raised on this farm) for use as feed for domestic animals and poultry	B-1	47. Whole plant cut for green or dry fodder and not husked	
29. Amount expended in 1924 for manure	1	or snapped X X X	8
and fertilizer, including lime and ground limestone	2	48. Whole plant hogged or grazed off by any kind of livestock (none of the corn husked or	
30. Amount expended in 1924 for farm	1	(none of the corn husked or	,
I labor, exclusive of housework (money		spapped)I X X X	
wages only, not including value of rent or board furnished)		Norz The sum of the acres reported under I lens 45 to 48, inclusive, should equal the total acreage of corn, as reported under Question 44.	
31. Amount expended in 1924 for lumber.		Small grains: Acres Quantity harvested	1
timber, wooden posts, poles, and fire- wood purchased for use on this farm_ \$	4.x	49. Winter wheat (fall-sown) cut	
22 Total amount of taxes neid or neveble	111	for grain and threshed	. 6-01
by you for 1924 on farm property	B-2	50. Spring wheat (spring-sown) cut for grain and threshed Bu,	_ C-02
by you for 1924 on farm property (anywhere in the United States)	1	Include durum wheat.	8-2
and special assessments, but do not include taxes		51. Oats out for grain and threshed Bu	-1,2
1 33. How much of the taxes reported above		52. Oats out for grain when ripe or	1.1
were paid or payable on the land and buildings in this farm? Include only taxes on the land reported under Question 12. See instructions.	2.	nearly ripe and fed unthreshed x x x	<u>3, X</u>
Include only taxes on the land reported under		53. Barley cutfor grain and threshed Bu	. C-03
Question 12. See instructions. • (3)=Itom 22; (4)=Item 12; (5)=X.	1	54. Rye cut for grain and threshed Bu	C-04
	1		
VII. COOPERATION IN MARKETING IN 1924 Report amounts in DOLLARS, omitting cents		55. Small grains cut for hay (in- cluding wheat, oats, barley,	
34. Value of products of this farm sold to or		and rye) X X X Do not include cats cut whan tipe or nearly ripe and fed unthreaded. These should be reported under Question 52,	C-05
through a farmers' marketing organ- ization in 1924	<u>D-3</u>	nearly ripe and fed unthreshed. These should be reported under Question 52.	
35. Value of all farm supplies purchased for	1		C-05
 Value of all farm supplies purchased for this farm from or through a farmers' organization in 1924\$\$			
	2, X	57. Rice (rough) Bu.	- 0-07
VIII. FARM FACILITIES, JANUARY 1, 1925		58. Buckwheat Bu	_ c-ar
36. What kind of road adjoins this farm?	F-11	Sorghums:	
Indicate whother concrete, brick, macadam, gravel, improved dirt, or unimproved dirt road.	1	59. Sorghums harvested for grain	
3		(kafir, milo, feterita, durra, etc., threshed or fed in the	H-3
37. Distance to nearest Miles	F-12	head after cutting from stalks) Bu	- 1,Z
n,		60. All sorghums cut for silago, hay, or folder (heads not cut off or threshed)	
38. Tractors on this farm Number	E-2	out off or threshed) x x. x	3
39. Is there a radio outfit on this farm?	E-J	61. Sweet sorghum or sorgo cuttor	1.x
(Yes or No)	1	sirup	1 4, 4

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	Annual legumes: Soy beans grown alone		ctes	CODE H-4		Vegetables grown in 1924 for sale, not for home use: Do not ropart hare any vegetables other that these named.	CODE
1	Soy beans grown with corn or crops	A	CT 68	2			
64.	Soy beans cut for hay (whether g alone or with other crops)	A	cres	3	1	Cabbages	¢-25*
65.	Soy beans-shelled beans harve	sted: B	u	4, X	92.	Cantaloupes and muskmelons	C-25*
	······································			H-5	93.	Leituce	C-23*
	Cowpeas grown alone Cowpeas grown with corn or		TES	'	94.	Onions	C-23*
Į	crops	A	cres	2	95.	Sweet corn	C-25*
68.	Cowpeas cut for hay (whether g alone or with other crops)	A	ctes	3	96.	Tomatoes	C-30*
69.	Cowpeas-shelled peas harveste	d B	u	4, X	97.	Watermelons	C-31*
70.	Peanuts grown alone	A	cres	H-8	<u> </u>	• Punch seres in tenths, as edited.	
9	Peanuts grown with corn or ot			2		Other crops:	
72.	Peanuts cut for hay (whether g alone or with other crops)	rown	cres	3	98.	All other crops (Canada peas, turnips, mangels, hemp, hops, broom-corn, pop corn, asparagus, celery, cuçum-	¢.5z
73.	Peanuts-ripe nuts harvested	Bi	u	4, X		bers, etc.) Acres	C-32
8—	Velvet beans, grown alone or	with			00	Fruits and nuts: Apples-Trees not of bearing age. Number	H-7
75	other crops Navy, pinto, kidney, lima, and		ctes	C-09			
<u> </u>	ripe field beans	A	cres	C-10		Apples—Trees of bearing age Number Apples—Total quantity harvested	Z
	Hay crops cut on this farm					in 1924 Bu	3, X
1	The acreage of grain hay and annual hay has already been reported above, Questions 55, 60, 64, 68, and 72.	under			102.	Peaches-Trees of all ages Number	H-9
76.	Timothy alone	A	cres	C-11	1	Peaches-Total quantity harvest-	z
77.	Timothy and clover mixed	A	cres	G-12		ed in 1924 Bu,	Ĺ
78	Red, alsike, and mammoth clov	er A	TPS	e-13	104.	Pears-Trees of all ages Number	3
	Sweet clover, arimson clover, Japan clover (lespedeza)	and	CT 63	C-14	105.	Plums and prunes-Trees of all ages Number	4
					106.	Grapes-Vines of all ages Number	5, X
1	Alfalfa		cres	C-15	107	Orange Transact of baseling and March -	C13-1
81.	Other tame or cultivated grasse for hay	A	cres	C-16		Oranges-Trees not of bearing age Number	
1	Include Barnuda, Johnson, erab, erchar Budan grasses, redtop, millet, etc. Wild, salt, or prairie grasses out o				108.	Oranges-Trees of bearing age Number	C33-2
02.	farm		cres	C17-1	109.	Lemons-Trees not of bearing age Number	C34-1
83.	Total quantity of hay of all I both tame and wild	Temp	ons	C172	110.	Lemons-Trees of bearing ago Number	C34-2
L	Include all grasses, clovars, alfalta, small soy beans, cowpeas, peanuts, etc., cut for				111.	Grapefruit (pomeloes)-Trees not	
	Miscellaneous crops:	Acres of an ocre harroction.	Quantity borrested		112.	of bearing age Number Grapefruit (pomeloes)-Trees of	C25-1
84.	Cotton		Bales	C-18		bearing age Number	C35-2
85.	unpicked or unginned. Sugar beets harvested for sugar-		Tons	C-19		Pecans (cultivated or wild)—Trees not of bearing age Number	C25-1
	Sugar cane (not sorghum) har- vested for sugar or sirup		Tons	C-20	114.	Pecans (cultivated or wild)-Trees of bearing age Number	C35-2
87.	Tobacco		Lbs	C-21		XI. FORESTS AND FOREST PRODUCTS	
88	Irish or white potatoes		Bu	C-22*	115.	Quantity of firewood cut from this farm	
	Irish or white potatocs Include potatoes grown for home use as well as these grown for sale.					in 1924 Cords Report In cords measuring 4 by 4 by 8 feet.	637-1
	Strawberries		XXX		116.	Forest or woodland in this farm burned over in 1924 Acres	£37-2
90	Sweet potatoes and yams Includes weet potatoes and yams grown for homouse as well as those grown for anle:		Bu	0-24*	117.	Forest or woodland in this farm cleared and made suitable for crops in the	
	• P	unich scres (n	tenthe, as edited.	1		past five years	C-38

[Page	4	of	the	Farm	Schedule]
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÷	and a second				المكراب يكافئه المتحدي المتقار المستعد والمستعد والمشرو المستعد والمستعد	
	XIL LIVESTOCK AND LIVESTOCK PR	ODUCTS	CODE		Sheep on this farm Jan. 1, 1925:	CODE B-4
Detto	Include stock belonging to this farm but graz mal forests, on land leased from States or railr	ing under permit in		137.	Lambs under I year of age Number	-T-
epen	Horses and mules on this farm	Jan. 1, 1925:			Ewes 1 year old and over Number Rams and wothers 1 year old and over Number	2
118,	Horses and colts under 2 years of age	Number	A-2 1		over	ľ
119.	Herses 2 years old and over	Number	2	140	Wool shorn in 1924: Total weight of wool (unwashed) Lbs	
120.	Mules and mule colts under 2 years of age	Number	3		Number of sheep shorn	5
121.	Mules 2 years old and over	Number	4,X		Goats on this farm Jan. 1, 1925:	B-5
	Destantile of the form Yes, 1, 1	1005 (++)- }+		142.	Goats and kids of all ages Number	
	Beef cattle on this farm Jan. 1, 1 mainly for beef production):	1920 (Cattle Rept		ĥ	Mohair shorn in 1924:	
122.	Calves under 1 year of age	Number	A-3 1	140.	Total weight of mohair Lbs	2
123.	Heifers 1 year old and under 2 years	Number	2	144.	Number of goats shorn	3, X
	Cows and heifers 2 years old and	Number	,		Hogs and pigs on this farm Jan. 1, 1925:	A-5
			1	145.	All pigs under 6 months old	י ו
125.	Steers 1 year old and over Include both steers born of beef cows and steers born of dairy cows.	Number	4	140.	All pigs under 6 months old	2
126.	Bulls 1 year old and over	Number	5, X		over, including boars Number	3
	Dairy cattle on this farm Jan. 1, mainly for milk production): Report all storre under beef cattle,		A-4	on t slau	Young animals born and raised on this farm in 1924: Include all young animals born in 1928, which have been relatined he farm, sold to others (including pigs sold at weaning time), or photed for food. Do not include any young animals purchased or that died.	
127.	Dairy bulls 1 year old and over-	Number	1		Calves raised Number	4
128.	Dairy calves under 1 year of age	Number	2, X	149.	Lambs raised	5
129.	Dairy heifers 1 year old and under 2 years	Number	G-1	150.	Pigs raised Number	•
139,	Dairy cows and heifers 2 years old and over	Number	G-2	Test	Domestic animals slaughtered on this farm for food in 1924: nde both these slaughtered for sole.	
	Dairy products in 1924:				Calves slaughtered	B-8 1
131.	Total amount of milk produced in 1924	Gals.	6-3	152.	Other cattle slaughtered Number	2
	Induce all milk produced, whether sold, consumed on farm, led to animals, or other- wise diposed of. 100 pounds equal 11.6		6-3	153.	Sheep and lambs slaughtered Number	8
	wise diposed of. 100 pounds equal 11.6 gallons.			154.	Hogs and pigs slaughtered Number	4 X
132,	Total number of cows milked on this farm during all or any part		1		Poultry on this farm Jan. 1, 1925:	B-7
	of the year 1924	Number	Q-4	155.	Chickens	1
	which ware milked.			156.	Turkeys Number	2
133.	Butter made on farm in 1924	Lbs	G-5		Poultry products in 1924:	
H	Butterfat sold in 1924			157.	Chicken eggs produced in 1924 Dozens	3
H	Cream sold in 1924 (not on a butter-		1.		Include all chicken eggs produced, whether sold, nsed, incubated, or otherwise disposed of.	
	fat basis)	Gals	G-7	158.	Chickens raised in 1924 Number Include all chickens raised, whether sold	4.X
136.	Whole milk sold in 1924 (not on a butterfat basis)	Gals	G-3		Include all chickens raised, whothar sold, consumed, or on hand, except "baby chicks" batched and sold. include baby chicks purchased and raised.	
	OFM	EDAT. EVETAN		MICI	AND INSTRUCTIONS	

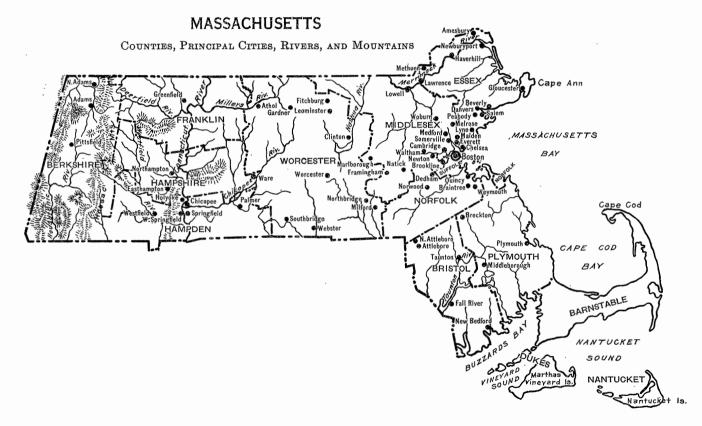
GENERAL EXPLANATIONS AND INSTRUCTIONS

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Confidential.—The information reported on this schedule will be treated as strictly confidential under all circumstances. Not Connected utilit Taxation.—The information reported on this schedule will not be used as a basis of taxation, communicatel to any assessor. All Questions to bo Answered.—Obtain answers to all questions on the schedule, so far as they apply. Where copys are litted that were not ruled on this form, leave the space blank opposite such crops, and likewise for hinds of annuals not keys to at this farm. If a fair necedulars to kept, take farmes from them. If such records are not available, obtain careful estimates in all cases. Inability to obtain exact information does not justify failure to asaver a question. Form Operator.—All asswers on this schedule should relate to the farm occupied January 1, 15226, by the percon manged in answer to Question 1, who is here called the "farm operator." The term "farm operator" is smitored by the

Commu Bureau is designatic a parson who directly works a farm, an owner, hired manager, tennit, or cropper. Note especially that farms should be re-turned in the same of such farm operator—lattick, the person actually conduc-ing the series of the series of the same state of the same state of the may be exercised by another person. Report crops and other products for the land which the farmer complex as the date of cummersion, whether he operated this land in 1024 or not, and do not report the crops or products which he raised on any other land in 1224. In coher words, report for the *farm*, rather than for the farmer, where the farmer base recently taken basessels of his present farm. *Rancherer Ucling Public Lands*—Public hand used by a rancher without remindlin not a part of the operator's farm, and where a trancher owne or leases no land by the crosses of and where a trancher owne or leases bound but graves animols and tricky on public domain write operatio questions of and 12 "No land owned or leased." Report all livestock on such land.

MASSACHUSETTS



STATE TABLE 1.-FARMS AND FARM PROPERTY: 1925, 1920, AND 1910

ITEM	1925	1920	1910
Number of farms, total	33, 454	32,001	36, 917
Owners Full owners	30, 870 29, 594	28,087 26,515	32, 075 30, 705
Part owners	1, 276	1, 572	1,370
Managers Tenants	979 1,605	1,627 2,287	1, 863 2, 979
Cash tenants	1,104	1, 766	2, 115
Other tenants	501	521	. 864
Approximate land area of Stateacres	5, 144, 960	5, 144, 960	5, 144, 960
Land in farms, totalacresacres In farms operated by—	2, 367, 629	2, 494, 477	2, 875, 941
Ownersacres	2, 051, 328	2,021,920	2, 343, 103
Full ownersacres Part ownersacres	1, 942, 118 109, 210	1,878,343 143.577	
Managersacres	212, 477	313, 095	330, 914
Tenantsacres	103,824 75,497	159,462 127,549	201, 924
Cash tenantsacresacres	28, 327	31, 913	E E
Value of all farm propertydollars	293, 405, 059	300, 471, 743	226, 474, 025
Land and buildingsdollarsdo	254, 602, 941 110, 437, 431	247, 587, 831 127, 653, 607	194, 168, 765 105, 532, 616
Land, excluding buildingsdollarsdollarsdollarsdollars	144, 165, 510	119, 934, 224	88, 636, 149
Implements and machinerydollars	17,043,842	19, 359, 755	11, 563, 894
Livestock on farmsdollarsdollars	21, 758, 276	33, 524, 157	20, 741, 366
Horsesnumber	·43, 537	50, 605	64, 283
Mulesnumber	525	332	268
Cattlenumber Dairy cowsnumber	188, 157 144, 898	216,099 147,331	252, 416 145, 714
Sheepnumber	10, 114	18, 880	32, 708
Swinenumber	57,821	104, 192	103,018
Chickensnumber	2, 029, 819	1, 455, 193	1, 709, 934

¹ Figures not available.

STATE TABLE 2.-CROPS AND LIVESTOCK PRODUCTS: 1924, 1919, AND 1909

ITEM	1924	1919	1909
Principal crops:			
Corn harvested for grainacres	9,454	28, 953	41,755
bushels	425, 780	1, 515, 933	2, 029, 381
Corn cut for silageacrestons	23, 953 252, 933	23, 997 256, 053	(1) (1)
Wheatacres	202, 555	1,876	109
bushels	4,028	33, 253	2,404
Oats threshed for grainacresbushels	2, 250	9, 533	7, 927
bushels	82,668	287, 881	268, 500
Barleyacres bushels	$205 \\ 5, 118$	509 11, 832	349 9, 021
Ryeacres	599	3,062	3, 476
bushels	9,947	46, 261	59, 183
Buckwheatacres	543	1,304	1,630
bushels	11,847	23, 238	32, 926
Hayacrestons	477, 794 501, 423	421, 533 546, 011	498, 024 643, 823
Tobaccoacres	10, 035	9, 109	5, 521
pounds	14,074,156	14, 282, 589	9, 549, 306
Potatoes, whiteacres	12,909	21, 558	24, 459
bushels	1,686,390	1, 885, 655	2, 946, 178
Strawberriesacres Applestrees not of bearing age	1, 373 756, 897	1,431 791,771	2, 015 355, 868
trees of bearing age_	1, 402, 223	1, 218, 870	1, 367, 379
bushels harvested	3, 006, 120	3, 187, 211	2, 550, 259
Livestock products:	-,	.,,	.,,
Dairy products-			
Milk produced 2gallons	86, 575, 083	76, 316, 309	90, 438, 336
Butter made on farmspounds Butterfat soldpounds	1, 456, 488 1, 057, 097	2, 019, 231 506, 851	3,364,516 1,148,019
Cream soldgallons	267, 986	310, 918	501, 876
Whole milk sold	65, 848, 748	55, 676, 858	64, 496, 692
W 001			
Sheep shorn 2number	8,756	15, 813	321,667
Wool produced ² pounds Eggs and chickens—	55, 033	88, 358	127, 897
Chicken eggs produced 2 dozens	14, 324, 666	9,604,274	13, 961, 352
Chicken eggs produced ² dozensdozens Chickens raised ² number	3, 631, 388	2, 401, 068	3, 054, 934

¹ Not separately reported. ³ Including estimates for incomplete reports. ³ Number of fleeces.

COUNTY TABLE I.--FARMS AND

	ITEM (See definitions in Introduction)	THE State	Barn- stable	Berk- shire	Bristol	Dukes
	FARMS					
1 2 3	Number of farms_ 1925 1920 1910	33, 454 32, 001 36, 917	788 675 864	2, 731 2, 359 2, 947	3, 045 3, 770 3, 637	117 152 136
45678	Farms, by size, 1925: Under 3 acres. 3 to 9 acres. 10 to 19 acres. 20 to 49 acres. 50 to 99 acres.	420 5, 436 4, 858 8, 148 6, 877	11 167 152 253 123	9 252 258 394 500	18 552 590 952 590	7 13 27 27
9 10 11 12 13 14	100 to 174 acres 175 to 259 acres 260 to 499 acres 500 to 999 acres 1,000 to 4,999 acres 5,000 acres and over	4, 751 1, 691 977 228 66 2	50 23 6 	663 355 234 46 20	259 51 23 8 2	21 7 8 5 1 1
15 16 17 18	Farmers, by tenure, 1925: Total Full owners Part owners Managers	33, 454 29, 594 1, 276 979	788 662 52 36	2, 731 2, 244 105 152	3, 045 2, 763 98 57	117 90 19 2
19 20 21	Tenants Cash tenants Other tenants	1, 605 1, 104 501	38 27 11	230 184 46	127 109 18	6 5 1
22 23 24	Percentage of tenancy1925 1920 1910	4.8 7.1 8.1	4.8 4.4 4.4	8.4 10.9 11.0	4.2 9.4 10.7	5. 1 5. 9 2. 9
25 26	Relationship to landlord, 1925: Per cent of cash tenants related Per cent of other tenants related	15. 8 25. 5	11. 1	11. 4 23. 9	11. 0 27. 8	20. 0 100. 0
	FARM ACREAGE AND LAND AREA					
27 28	Approximate land area, 1925acres Per cent in farms	5, 144, 960 46. 0	261, 760 13. 7	618, 240 58. 0	362, 880 38. 4	68, 480 30, 3
29 30 31	All land in farms1925acres 1920acres 1910acres	2, 367, 629 2, 494, 477 2, 875, 941	- 35, 885 47, 679 49, 798	358, 503 356, 264 388, 353	139, 188 177, 761 190, 285	20, 779 34, 421 19, 209
32	Average per farm, 1925acres	70. 8	45. 5	131. 3	45. 7	177.6
33 34 35 36	Classification of farm land, 1925: Crop land, totalacres Crop land harvested in 1924acres Crop failureacres Idle or failow landacres	677, 357 625, 068 4, 793 47, 496	8, 872 7, 125 194 1, 553	99, 046 94, 336 363 4, 347	44, 163 37, 909 370 5, 884	1, 876 1, 383 27 466
37 38 39 40	Pasture land, totalacres Plowable pastureacres Woodland pastureacres Other pastureacres	876, 892 95, 162 482, 453 299, 277	7,426 3,569 1,916 1,941	139, 254 14, 091 74, 449 50, 714	33, 994 7, 254 13, 967 12, 773	6, 423 2, 675 1, 431 2, 317
41 42	Woodland not used for pastureacres All other land in farmsacres	637, 469 175, 911	15, 242 4, 345	100, 022 20, 181	45,827 15,204	8, 994 3, 486
43 44 45 46 47	All farm land, by tenure, 1925: Full ownersacres Part ownersacres Owned landacres Rented (hired) landacres Managersacres	1, 942, 118 109, 210 65, 247 43, 963 212, 477	25, 302 3, 217 2, 364 853 5, 534	249, 847 17, 863 8, 868 8, 995 57, 145	118, 897 5, 684 3, 640 2, 044 8, 105	10, 599 1, 871 1, 017 854 7, 150
48 49 50	Tenantsacres Cash tenantsacres Other tenantsacres	103, 824 75, 497 28, 327	1, 832 1, 570 262	33, 648 24, 227 9, 421	6, 502 5, 228 1, 274	1, 159 1, 149 10
51 52 53	Crop land harvested, by tenure, 1924: Full ownersacresacres Part ownersacresacres Managersceres	516, 056 33, 383 48, 825	5, 027 728 969	69, 904 5, 983 10, 356	32, 172 1, 778 2, 246	996 252 48
.54 .55 56	Tenantsacres Oash tenantsacres Other tenantsacres	26, 804 20, 174 6, 630	401 354 47	8,093 6,374 1,719	1, 713 1, 427 286	. 87 79 8

¹ Part of Norfolk annexed to Suffolk in 1912.

FARM ACREAGE: 1925, 1920, AND 1910

Essex	Franklin	Hamp- den	Hamp- shire	Middle- sex	Nan- tucket	Norfolk 1	Plym- outh	Suf- folk 1	Worces- ter	
2, 305 2, 966 2, 883	3, 139 2, 784 3, 113	2, 510 2, 068 2, 779	3, 169 2, 979 2, 917	4, 567 4, 446 5, 346	25 24 24	1, 334 1, 404 2, 203	2, 614 2, 171 2, 512	16 71 92	7, 094 6, 132 7, 464	1 2 3
73 504 411 596 411	53 473 288 595 665	18 329 320 573 533	27 523 373 675 700	132 851 778 1,160 930	1 1 6 5	30 231 250 430 228	1 573 516 785 445	1 6 5 4	47 967 903 1, 698 1, 720	4 5 6 7 8
192 67 39 9 3	636 240 160 24 5	472 141 98 23 3	496 219 118 34 4	496 129 74 14 3	2 4 3 2 1	116 27 15 6 1	182 64 31 8 9		1,16636416849111	9 10 11 12 13 14
2, 305 1, 972 158 91	3, 139 2, 600 194 47	2, 510 2, 246 90 64	3, 169 2, 812 161 63	4, 567 4, 162 137 94	25 19 5	1,334 1,112 52 95	2, 614 2, 356 68 79	16 10 4	7,094 6,546 133 199	15 16 17 18
84 66 18	- 298 110 188	110 72 38	133 87 46	174 134 40	1	75 45 30	111 84 27	22	216 178 38	19 20 21
3.6 8.7 10.1	9.5 6.9 8.2	4.4 4.8 8.2	4. 2 5. 4 5. 3	3.8 6.2 8.2	4.0 8.3 8.3	5.6 7.1 7.8	4.2 6.8 5.4	12.5 12.7 18.5	3.0 6.3 7.1	22 23 24
10.6 27.8	19.1 14.9	6, 9 52, 6	33. 3 17. 4	20. 1 32. 5		13.3 33.3	15.5 48.1		16.3 36.8	25 26
318, 080 35. 9	446, 080 62. 4	407, 040 49. 5	374, 400 67. 2	532, 480 45. 4	32, 640 15. 2	259, 840 24. 3	432, 000 29. 5	35, 200 0. 8	995, 840 53. 2	27 28
114, 038 148, 541 171, 893	278, 440 271, 460 314, 700	201, 607 211, 143 253, 398	251, 647 267, 008 276, 054	241, 669 257, 165 349, 634	4, 953 4, 461 3, 109	63, 165 75, 786 104, 042	127, 509 122, 707 136, 915	264 2, 471 3, 435	529, 982 517, 610 615, 116	29 30 31
49.5	88.7	80.3	79.4	52.9	198.1	47.4	48.8	16.5	74.7	32
41, 467 40, 202 128 1, 137	68, 013 66, 283 310 1, 420	52, 396 45, 125 525 6, 746	73, 611 68, 662 338 4, 611	86, 396 78, 527 669 7, 200	1, 185 1, 131 29 25	19, 182 16, 094 148 2, 940	$\begin{array}{r} 34,034\\ 26,430\\ 1,124\\ 6,480\end{array}$	244 219 5 20	146, 872 141, 642 563 4, 667	33 34 35 36
34, 674 3, 813 13, 208 17, 653	137, 193 7, 314 70, 947 58, 932	74, 044 4, 949 45, 433 23, 662	103, 344 11, 120 51, 053 41, 171	65, 029 10, 176 29, 493 25, 360	2, 480 1, 760 14 706	16, 083 3, 392 8, 366 4, 325	18, 225 7, 436 7, 836 2, 953	15 5 10	$\begin{array}{r} 238,708 \\ 17,608 \\ 164,330 \\ 56,770 \end{array}$	37 38 39 40
23, 750 14, 147	64, 336 8, 898	63, 703 11, 464	59, 978 14, 714	63, 717 26, 527	1, 288	20, 611 7, 289	57, 982 17, 268	5	113, 307 31, 095	41 42
92, 090 8, 017 3, 613 4, 404 10, 041	240, 258 17, 236 11, 817 5, 419 10, 006	169, 825 9, 873 6, 217 3, 656 13, 063	217, 701 12, 650 8, 199 4, 451 14, 870	202, 970 12, 451 8, 327 4, 124 15, 978	4, 190 693 238 455	46, 494 3, 924 2, 014 1, 910 9, 128	109, 069 3, 345 2, 127 1, 218 10, 985	105 110 35 75	454, 771 12, 276 6, 771 5, 505 50, 472	43 44 45 46 47
3, 890 3, 348 542	10, 940 7, 232 3, 708	8, 846 4, 254 4, 592	6, 426 4, 946 1, 480	10, 270 7, 687 2, 583	70 70	3, 619 2, 127 1, 492	4, 110 3, 334 776	49 49	12, 463 10, 276 2, 187	48 49 50
32, 276 3, 213 3, 491	55, 908 4, 602 2, 520	36, 629 3, 158 3, 748	58, 652 4, 011 3, 983	66, 756 4, 364 4, 477	959 142	12, 094 1, 095 2, 093	21, 866 1, 062 2, 638	64 106	122, 753 2, 889 12, 256	51 52 53
1, 222 1, 012 210	3, 253 1, 976 1, 277	1, 590 894 696	2, 016 1, 441 575	2, 930 2, 232 698	30 30	812 474 338	864 727 137	49 49	3, 744 3, 105 639	54 58 56

_						
	ITEM (See definitions in Introduction)	THE State	Barn- stable	Berk- shire	Bristol	Dukes
ļ	FARM VALUES					
1 2 3	Land and buildings_1925dollars 1920dollars 1910dollars	254, 602, 941 247, 587, 831 194, 168, 765	5, 366, 133 4, 807, 304 4, 022, 225	19, 469, 323 19, 966, 024 16, 502, 267	18, 717, 708 21, 822, 540 14, 675, 403	831, 700 1, 139, 447 553, 088
45 678	All farm property, 1925dollars. Land, excluding buildingsdollars. Buildings alone. Implements and machinerydollars. Livestock on farmsdollars.	293, 405, 059 110, 437, 431 144, 165, 510 17, 043, 842 21, 758, 276	6, 007, 338 2, 258, 499 3, 107, 634 352, 028 289, 177	23, 058, 593 8, 184, 904 11, 284, 419 1, 317, 678 2, 271, 592	22, 018, 798 7, 640, 674 11, 077, 034 1, 239, 497 2, 061, 593	976, 159 406, 250 425, 450 42, 990 101, 469
9 10 11 12 13 14	Average values (dollars): All farm property, per farm, 1925 Land and buildings, per farm, 1925 Land and buildings, per acre, 1925 1920 1910 Land, excluding bldgs., per acre, 1925	8,770 7,611 107.53 99.25 67.51 46.64	7, 624 6, 810 149. 54 100. 83 80. 77 62. 94	8, 443 7, 129 54. 31 56. 04 42. 49 22. 83	7, 231 6, 147 134. 48 122. 76 77. 12 54. 89	8, 343 7, 109 40. 03 33. 10 28. 79 19. 55
15 16 17 18 19 20 21	Farm values, by tenure, 1925: Land and buildings, totaldollars Full ownersdollars Managersdollars Tenantsdollars Other tenantsdollars Other tenantsdollars	$\begin{array}{c} 254,602,941\\ 201,235,406\\ 12,096,376\\ 31,177,832\\ 10,093,327\\ 7,278,105\\ 2,815,222 \end{array}$	5, 366, 133 3, 603, 373 384, 935 1, 139, 700 238, 125 203, 975 34, 150	$19, 469, 323 \\ 12, 712, 713 \\ 768, 100 \\ 4, 457, 135 \\ 1, 531, 375 \\ 1, 113, 875 \\ 417, 500 \\ 12, 122, 123, 123, 123, 123, 123, 123, $	$18,717,708 \\ 15,837,614 \\ 765,450 \\ 1,226,859 \\ 887,785 \\ 743,985 \\ 143,800 \\ 143,800 \\ 15,100 \\ 15,$	102, 200
22 23 24 25 26 27 28	Implements and machinery, total_dollars_ Full ownersdollarsdollars Managersdollarsdollars Tenantsdollarsdollars Cash tenantsdollarsdollars Other tenantsdollarsdollars	$\begin{array}{c} 17,043,842\\ 13,373,552\\ 1,259,558\\ 1,819,250\\ 591,482\\ 430,507\\ 160,975\end{array}$	$\begin{array}{c} 352,028\\ 216,201\\ 51,995\\ 67,491\\ 16,341\\ 14,019\\ 2,322\end{array}$	$\begin{array}{c} \textbf{1, 317, 678}\\ \textbf{919, 989}\\ \textbf{92, 170}\\ \textbf{204, 414}\\ \textbf{101, 105}\\ \textbf{67, 155}\\ \textbf{33, 950} \end{array}$	$1, 239, 497 \\1, 028, 258 \\85, 403 \\79, 401 \\46, 435 \\36, 710 \\9, 725$	42, 990 33, 005 6, 535 1, 500 1, 950 1, 925 25
	FARM MORTGAGE DEBT, 1925					
29 30 31	All farms operated by owners: Total number Number reporting mortgage debt Per cent of total	30, 870 12, 248 39. 7	714 154 21. 6	2, 349 841 35. 8	2, 861 878 30. 7	109 20 18. 3
32 33 34 35 36 37	Farms operated by full owners: Total number Number reporting mortgage debt Acreage of farms reporting debtdollars. Value (land and buildings)dollars. Amount of mortgage debtdollars. Ratio of debt to value, per cent	29, 594 11, 660 721, 452 76, 361, 938 28, 401, 580 37. 2	662 141 4, 963 674, 253 258, 863 38. 4	2, 244 799 96, 310 4, 765, 960 1, 835, 837 38. 5	2, 763 840 34, 815 4, 925, 700 2, 199, 902 44. 7	90 14 1, 552 65, 400 29, 925 45. 8
38 39	Ratio of debt to value, per cent Average per mortgaged farm- Value of land and buildingsdollars Mortgage debtdollars	6, 549 2, 436	4, 782 1, 836	5, 965 2, 298	5, 864 2, 619	4, 671 2, 138
40 41	Average per acre Value of land and buildingsdollars Mortgage debtdollars	105. 84 39. 37	135. 86 52. 16	49. 49 19. 06	141. 48 63. 19	42. 14 19. 28
	MISCELLANEOUS ITEMS					
42 43 44 45 46 47 48 49	Farm expenditures, 1924, for— Feeddollars Farms reportingdollars Farms reporting Farm labor (money wages only)dollars Farms reporting Lumber, posts, firewood, etcdollars Farms reporting Cooperative marketing, 1924.	$19,775,434\\28,853\\3,336,237\\15,146\\14,374,649\\15,788\\1,693,621\\8,386$	387, 320 671 59, 978 492 355, 595 498 73, 454 385	1, 244, 127 2, 347 74, 137 929 887, 673 1, 307 122, 147 591	2, 523, 521 2, 808 198, 881 1, 351 866, 939 1, 192 143, 706 734	61, 312 113 4, 171 74 39, 114 72 9, 025 49
50 51	Cooperative marketing, 1924: Value of farm products solddollars Value of supplies purchaseddollars Farm facilities, 1925:			220, 601 81, 611	737, 041	350 50
52 53 54	Farm facilities, 1925: Tractors on farms Radio outfits, farms reporting Silos (farms reporting corn cut for silage) Kind of road, 1925:	2, 212 6, 434 3, 619	45 151 20	178 379 440	208 701 486	7 23 2
55	Total number of farms Farms located on—	33, 454	788	2, 731	3, 045	117
56 57 58	Concrete or brick road Macadam road Gravel road	792 8, 834 7, 177	1 469 3	113 319 368	151 1, 346 554	61
59 60 61	Improved dirt road. Unimproved dirt road. All other (including not reported)	7, 738 8, 619 294	125 136 54	1, 057 863 11	513 447 34	12 36 8

COUNTY TABLE II.-FARM VALUES, MORTGAGE DEBT,

AND MISCELLANEOUS ITEMS: 1925, 1920, AND 1910

Essex	Franklin	Hamp- den	Hamp- shire	Middle- sex	Nan- tucket	Norfolk	Plym- outh	Suffolk	Worces- ter	
21, 847, 068 32, 411, 009	17, 229, 370 14, 257, 054 9, 792, 086	18, 897, 392 15, 706, 170 12, 307, 350	23, 164, 450 19, 847, 191 11, 242, 823	45, 595, 720 41, 673, 030 36, 893, 794	229,000 182,780 87,800	18, 303, 322	21, 460, 036 17, 374, 816 13, 237, 983	2,763,687	46, 382, 624 37, 333, 457 31, 538, 293	1 2 3
24, 763, 200 10, 422, 633 11, 424, 435 1, 290, 222 1, 625, 910	20, 606, 143 7, 852, 355 9, 377, 015 1, 446, 069	21, 509, 533 8, 576, 977 10, 320, 415 1, 121, 653	26, 941, 174 9, 839, 865 13, 324, 585	51, 983, 104 19, 229, 574 26, 366, 146 3, 272, 569		16, 585, 345	23, 942, 660 10, 105, 631 11, 354, 405 1, 255, 849 1, 226, 775	660, 420 378, 700 205, 400 23, 700	54, 049, 925 19, 436, 669 26, 945, 955 2, 992, 763 4, 674, 538	45678
10, 743 9, 478 191. 58 218. 20 127. 56 91. 40	6, 565 5, 489 61. 88 52. 52 31. 12 28. 20	8, 570 7, 529 93. 73 74. 39 48. 57	8, 501 7, 310 92, 05 74, 33 40, 73	11, 382 9, 984 188. 67 162. 05 105. 52 79. 57	12, 107 9, 160 46. 23 40. 97 28. 24 17. 68	12, 433 11, 116 234. 76 241. 51 159. 62 95. 26	9, 159 8, 210 168. 30 141. 60 96. 69 79. 25	2, 212. 50 1, 118. 45 1, 392. 04	7, 619 6, 538 87. 52 72. 13 51. 27 36. 67	9 10 11 12 13 14
21, 847, 068 15, 076, 323 1, 313, 570 4, 583, 525 873, 650 631, 800 241, 850	17, 229, 370 13, 893, 795 1, 584, 225 890, 200 861, 150 498, 725 362, 425	1,046,300	1, 625, 336	2,846,422	229, 000 183, 500 38, 500 7, 000 7, 000	14, 828, 317 9, 408, 083 681, 250 3, 990, 234 748, 750 312, 600 436, 150	662, 775 472, 250	343, 100 126, 000	5, 421, 634 1, 157, 620	15 16 17 18 19 20 21
1, 290, 222 925, 233 180, 500 123, 299 61, 190 52, 745 8, 445	1, 446, 069 1, 167, 596 147, 330 72, 143 59, 000 45, 992 13, 008		$\begin{array}{c} 1,808,353\\ 1,532,333\\ 119,025\\ 111,130\\ 45,865\\ 37,185\end{array}$	3, 272, 569 2, 638, 665 230, 983 306, 140 96, 781 67, 916 28, 865	36, 500 27, 800 8, 600 100 100	843, 971 605, 379 60, 962 153, 675 23, 955 13, 010 10, 945	1, 255, 849		2, 992, 763 2, 445, 309 84, 575 399, 829 63, 050	22 23 24 25
2, 130 608 28. 5	2, 794 1, 132 40. 5	2, 336 1, 085 46, 4	2, 973 1, 500 50. 5	4, 299 1, 840 42. 8	24 9 37.5	1, 164 553 47. 5	2, 424 949 39. 2	14 6 42.9	. 2,673	29 30 31
1, 972 544 20, 515 3, 976, 080 1, 502, 465 37. 8	2, 600 1, 010 91, 697 5, 742, 070 2, 085, 149 36. 3	2, 246 1, 048 67, 628 7, 030, 700 2, 436, 494 34. 7	2, 812 1, 400 94, 194 10, 063, 425 3, 570, 129 35. 5	4, 162 1, 779 78, 554 14, 512, 830 5, 501, 081 37. 9	19 8 2, 250 58, 000 14, 650 25. 3	$1, 112 \\ 529 \\ 19, 867 \\ 3, 888, 580 \\ 1, 494, 200 \\ 38.4$	2, 356 924 32, 546 5, 251, 830 2, 039, 029 38, 8	30, 500	2, 620 176, 534 15, 305, 110 5, 403, 356	33 34 35
7, 309 2, 762	5, 685 2, 065	6, 709 2, 325	7, 188 2, 550	8, 158 3, 092	7, 250 1, 831	7, 351 2, 825	5, 684 2, 207	25, 500 7, 625	5, 842 2, 062	38 39
193. 81 73. 24	62. 62 22. 74	103.96 36.03	. 106.84 37.90	184.75 70.03	25. 78 6. 51	195. 73 75. 21	161.37 62.65	3, 777. 78 1, 129. 63	86. 70 30. 61	40 41
1,835,086 1,959 210,569 862 1,599,158 1,102 154,847 614	$1, 159, 403 \\ 2, 490 \\ 577, 846 \\ 1, 738 \\ 792, 417 \\ 1, 596 \\ 123, 924 \\ 752$		$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	3, 286, 905 3, 976 512, 815 2, 181 3, 636, 277 2, 340 324, 755 1, 103	30, 750 25 1, 679 17 12, 022 17 1, 985 16	1, 195 90, 600 487 879, 496 621 126, 528	2, 203 111, 942 1, 169	37, 560 13 8, 425 9 86, 200 15 3, 300 8	6, 145 256, 853 2, 721 1, 939, 982 2, 889 219, 227	44 45 46 47 48
52, 074 62, 344	456, 494 192, 540	305, 878 142, 721	957, 685 95, 401			14, 277 75, 779	766, 777 66, 175	22, 000	272, 003 214, 651	
145 446 143	123 385 431	173 737 289	206 543 403	451 1, 021 311	7 12 4	104 316 104	535	7	426 1,178 .841	52 53 54
2, 305	3, 139	2, 510	1	4, 567	25	1, 334	2, 614	16		55
24 795 657 155 637 37	7 595 605 853 1, 072 7	40 581 500 672 706 11	719 821 951 658	1, 453 633	1 13	36 488 234 160 . 406 . 10	893 614 296 518	9	1, 367 2, 310 2, 208	58 59 60

COUNTY TABLE III.-LIVESTOCK ON FARMS, JANUARY 1,

			0	?		
	ITEM (See definitions in Introduction)	THE STATE	Barn- stable	Berk- shire	Bristol	Dukes
	LIVESTOCK, 1925					
1	Value of all livestockdollars		289, 177	2, 271, 592	2, 061, 593	101, 469
2	Total number	43, 537	555	4, 998	3, 376	190
3	Colts under 2 years of age	564	18	11	9	2
4 5	Total number Colts under 2 years of age Horses 2 years old and over Total valuedollars Mules:	42, 973 5, 279, 366	537 - 66, 684	4, 987 609, 129	3, 367 411, 359	188 23, 066
6			12	. 57	27	
6 7	Total number Mule colts under 2 years of age Mules 2 years old and over Total value dollars	25		4	3	
8	Mules 2 years old and over	500	12	53	24	
9	Cattle:	53, 675	1, 260	5, 753	2, 661	
10		188, 157	2, 120	22, 495	15, 893	824
11	Calves under 1 year of age	188, 157 16, 003	171	2, 453 2, 539	455	101
$\frac{12}{13}$	Heifers 1 year old and under 2.	19,494	195	2, 539	1, 220	79
14	Dairy liellers	18, 999	192	2, 470 69	1,132	79
15	Cows 2 years old and over	146, 835	1, 693	16, 690	13, 814	599
16	Dairy cows	144, 898	1,604	16, 415	13, 615	598
17 18	Beef cows	1, 937	89	275	199	I
19	Bulls 1 year old and over	5 086	60	83 730	43 361	22 23
20	Total number. Calves under 1 year of age Heifers 1 year old and under 2 Dairy heifers. Beef heifers. Dairy cows Beef cows Steers 1 year old and over Built 1 year old and over Steers 1 year old and over Total value Collars. Sheen:	11, 699, 999	131, 478	1, 365, 249	1, 042, 798	49, 716
21	Sheep: Total number Lambs under 1 year of age Ewes 1 year old and over Rams and wethers 1 year and over Total use num	10 114	54	2, 050	170	1, 320
22	Lambs under 1 year of age	10, 114 2, 556	ŝ	461	41	262
23	Ewes 1 year old and over	6, 915	44	1,492	118	927
24 25	Rams and wethers 1 year and over	643	7	97	11	131
20	Total valuedollarsdollars	100, 484	578	20, 549	1, 696	13, 405
26	Total numberdollarsdollars	891	9	39	82	
27	Total valuedollars	8, 910	90	390	820	
28	Swine:	57, 821	382	2, 928	7, 295	127
29	Pigs under 6 months of age	25, 260	214	1, 861	2,409	43
30	Breeding sows, 6 months and over	10, 515	25	378	1,425	42
$\frac{31}{32}$	Total number Pigs under 6 months of age Breeding sows, 6 months and over All other hogs Total valuedollars	22, 046 980, 309	143	689	3, 461 133, 028	42
32	Chickens:	980, 309	5, 845	42, 513	133, 028	2, 333 -
33	Total number	2,029,819	46, 360	126, 644	249, 862	7,012
34	Total numberdollarsdollars	2, 029, 819 3, 511, 587	80, 203	219, 094	432, 261	12, 131
35	Other livestock, estimated valuedollars	123, 946	3, 039	8, 915	36, 970	818
	LIVESTOCK PRODUCTS					
	Dairy products:					
36 37	Number of cows milked, 1924	141, 234	1,624	16,006	13, 845	581
38	Number of cows milked, 1924 Dairy cows milked Beef cows milked	139, 524 1, 710	1, 594 30	15,664 342	13, 674 171	557 24
		1,710	50	. 042		
39	Milk produced, ¹ 1924gallons 1919gallons A verage per cow milked, 1924gallons	86, 575, 083	898,072	8, 803, 300	9, 677, 655	246, 925
40 41	1919gallons	76, 316, 309	752, 144	7, 648, 375	8, 589, 327	245, 417
41	Average per cow milked, 1924gallons	613	553	550	699	425
42	Butter made on farms, 1924	1,456,488	13, 515	451, 962	13, 146	8,997
43	Butter made on farms, 1924pounds Butterfat sold, 1924pounds	1 057 097		368, 468 69, 290	05	50
44 45	Cream sold, 1924gallons Whole milk sold, 1924gallons Value of dairy products, ² 1924dollars	267, 986 65, 848, 748 21, 645, 011	3, 758 595, 281	69, 290	1,880	2,435
46	Value of dairy products 2 1024 dollars	21 645 011	194, 948	4, 921, 812 2, 044, 710	8, 825, 105 2, 658, 700	147, 680 55, 042
	Waal	21,010,011	101,010	2,011,710	2,000,100	
47	Number of sheep shorn, ¹ 1924	8,756	54	1,640	128	1,080
48	Wool produced, 1924pounds	55,033	347	9,401	1,010	5,375
49 50	Velue of wool 1994	88, 358 22, 013	428 139	14, 460 3, 760	1, 984 404	14, 163 2, 150
	Eggs and chickens:	22,010	100			2,100
51	Chicken eggs produced 1 1924 dozens	14, 324, 668	345, 985	963, 887	2, 106, 587 1, 364, 931	30, 825
52	Value of chicken eggs, 1924dollars	9, 604, 274 7, 592, 071	238, 166	963, 887 601, 282 510, 860	1, 364, 931	58, 572
53			183, 372		1, 116, 491	16, 337
54	Chickens raised, ¹ 1924number 1919number Value of chickens raised, 1924dollars	3, 631, 388 2, 401, 068 5, 120, 256	97, 820 80, 348 137, 926	214, 408 149, 726 302, 315	416, 020 296, 819 586, 588	10, 784 7, 050 15, 205
55 56	Value of chickens raised, 1924 dollars	5, 120, 256	00, 348 137 098	149,726 302 315	290, 819	15 205
	, and of outohold failed, for the second dialog	·, .20, 200	101, 020	002,010	000,000	10,200
		/	·			<u></u>

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¹ Including estimates for incomplete reports.

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1925; AND LIVESTOCK PRODUCTS, 1924 AND 1919

Essex	Franklin	Hamp- den	Hamp- shire	Middle-	Nan- tucket	Nor- folk	Plym- outh	Suf- folk	Worces-	Ī
										-
1, 625, 910	1, 930, 704	1, 490, 488	1, 968, 371	3, 114, 815	37, 167	913, 057	1, 226, 775	52, 620	4, 674, 538	1
2, 878 19	4, 500 57	3, 200 11	4, 508 71	5, 975 69	56	1, 688 85	2, 132 34	158 8	9, 323 170	23
2, 859 350, 033	4, 443 545, 751	3, 189 389, 773	4, 437 545, 929	5, 906 725, 017	56 6, 832	1, 603 201, 091	2, 098 258, 166	150 18, 820	9, 153 1, 127, 716	4 5
128 1	· 34 4	68 4	24 3	34		82	16 4		117	67
127 13, 382	30 3, 338	64 6, 908	21 2, 346	34 3, 570		6 724	12 1, 448		117 12, 285	8 9
13, 066 664	19, 382 2, 755	12, 547 1, 265	18, 134 2, 069	23, 665 1, 452	412 48	7, 044 358	8, 666 411	30	43, 879 3, 801	10 11
I, 111 1, 081	2, 564 2, 480 84	1, 460 1, 425 35	2, 314 2, 276 38	1, 744 1, 698 46	37 34 3	495 454 41	771 768 3		4, 965 4, 910 55	12 13 14
30 10, 984 10, 881	13, 324 13, 112	9, 430 9, 294	13, 130 12, 928	19, 830 19, 459	313 288	6, 030 5, 965	7, 243 7, 204	30 30	33, 725 33, 505	15
103 26	212 159	136 63	202 108	371	25	65 1	39 40		· 220	17
281 843, 254	580 1, 133, 137	329 765, 391	513 1, 088, 276	607 1, 518, 188	14 24, 657	160 457, 322	201 559, 733	2, 100	1, 227 2, 718, 700	19 20
778 212	2, 497 610	471 131	842 246	326 64	175 50	42 2	179 50		1, 210 424	21 22
515	1,807	286	556 40 8,236	, 231 31 3, 313	100 25 1,728	19 21 461	114 15 1, 764		706	23 24 25
7, 675 64	24, 828 14	4, 653	9	130	1,720	113	40		11, 598 391	26
640	140		90	1,300		1, 130	400	1.050	3,910	27
4, 951 2, 115 1, 491	3, 201 1, 919 328	3, 548 1, 996 487	3, 031 1, 499 356	17, 446 7, 574 3, 558	7	2, 285 830 245	2, 846 1, 305 504	1, 952 1, 030 479	7, 822 2, 465 1, 190	28 29 30
1, 345 85, 510	954 47, 695	1, 065 54, 622	1, 176 48, 993	6, 314 296, 998	165	1, 210 40, 436	1, 037 47, 501	443 31, 214	4, 167 143, 456	31 32
182, 552 315, 815	98, 034 169, 599	151, 773 262, 567	154, 195 266, 757	319, 903 553, 432	2, 045 3, 538	119, 683 207, 052	200, 760 347, 315	215 372	370, 781 641, 451	33 34
9, 601	6, 216	6, 574	7, 744	12, 997	247	4, 841	10, 448	114	15, 422	35
· ·										
10, 688	12, 218	9,370	12, 138 12, 047	18, 973 18, 758	345 320	6, 068 5, 959	7, 691 7, 637	30 30	31, 657 31, 363	36 37
10, 592 96	12, 130 88	9, 199 171	91	215	25	109	54		294	38
6, 348, 672 6, 913, 379 594	6, 707, 682 5, 155, 345 549	5, 228, 460 4, 132, 751 558	7, 040, 040 5, 717, 827 580	12, 294, 504 11, 571, 531 648	157 , 6 65 99, 472 457	4, 284, 008 4, 160, 224 706	4, 614, 600 3, 551, 213 600	13, 020 396, 279 434	20, 260, 480 17, 383, 025 640	39 40 41
6, 126 80	275, 997 417, 568	198, 575 18, 674	130, 486 151, 439	58, 731 69, 287	2, 065 695	11, 916 415	38, 176 17, 798		246, 796 12, 528	42 43
856	56, 661	10, 203 3, 564, 047 1, 196, 884	23, 903 5, 043, 973 1, 708, 930	24, 481 9, 898, 838 3, 095, 331	2, 145 126, 050	7, 772 3, 734, 773 1, 147, 092	9, 633 3, 678, 222 1, 155, 402	8,950	54, 969 16, 230, 925	44 45
1, 704, 639				{				2, 685	5, 137, 108	46
578 4, 867 5, 787	2, 105 14, 353 21, 398 5, 741	451 2, 540 . 4, 954	685 4, 683 6, 651	534 2, 867 3, 649	150 600 800	37 185 1,786	133 1, 157 1, 730	203	1, 181 7, 648 10, 365	47 48 49
1, 947	1	1, 016	1, 873	1, 147	240	74	463		3, 059	50
1, 228, 027 1, 116, 306 650, 854	560, 166 507, 257 296, 888	940, 082 492, 059 498, 243	994, 095 713, 675 526, 870	2, 290, 825 1, 391, 060 1, 214, 137	16, 789 6, 208 8, 898	863, 872 533, 303 457, 852	1, 560, 909 921, 721 827, 282	12, 710 358	2, 421, 941 1, 647, 024 1, 283, 629	51 52 53
322, 934 260, 242 455, 337	151, 953 132, 118 214, 254	258, 621 116, 497 364, 656	293, 279 163, 644 413, 523	558, 231 354, 987 787, 106	4, 597 2, 031 6, 482	224, 525 205, 937 316, 580	482, 025 246, 907 679, 655	717 1, 538 1, 011	595, 474 383, 224 839, 618	54 55 56
650, 854 322, 934	296, 888 151, 953	498, 243 258, 621	293, 279	1, 214, 137 558, 231	8, 898 4, 597	224, 525	482, 025	358 717	1, 283, 629 595, 474	

² Value of milk, cream, and butterfat sold, and of butter made.

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COUNTY TABLE IV .---- VALUE OF CROPS AND ACREAGE

	ITEM (See definitions in Introduction)	THE STATE	Barn- stable	Berk- shire	Bristol	Dukes
ľ	VALUE OF CROPS					
1	Value of crops with production reported					
2	in 1924dollarsdollarsdollarsdollars	22, 503, 786 38, 319, 241	131, 505 233, 324	2, 320, 312 3, 629, 737	1, 222, 749 2, 665, 955	35, 791 99, 392
	ACREAGE AND PRODUCTION, 1924					
	•					
3 4	Grain and forage crops: Corn, total acreage. Harvested for grainacres bushels	39, 454	347 85	4, 843 1, 240	4, 985 458	105 71
5	Cut for silageacres	39,454 9,454 425,780 23,953	2, 495	59,477	17, 233	1,722
6 7	Cut for shageacrestons	202, 930	182 1,155	3, 051 31, 672	3, 571 37, 496	32
, 8 9	tons Cut for fodderacres Hogged offacres	5, 586 461	. 79	525 27	922 34	31
10	Wheat	215		137	. 9	
$\frac{11}{12}$	Oats threshed for grainacresbushels	4, 028 2, 250	3	2,755 1,661	170 113	
13	bushels	82,668	128	63, 325	3, 695	. 150
14	Oats cut and fed unthreshedacres	5, 330	67	1, 097	412	25
15 16	Barleyacresbushels Ryøresbushels	205 5, 118		176 4, 542	11 220	
17	Ryeacres	599	47	143	39	
18 19	Ryeacres bushels Buckwheatacresacres bushels	9, 947 543	954	2, 466 410	. 726	
20	bushels	11, 847		9, 377		
21	Hay crops:	477, 794	3, 147	83, 012	26, 130	1,096
22	Total acreageacres Timothy aloneacres Timothy and clover mixedacres	56, 374	195	4,040	8, 668 7, 667	84
23 24	Clover-red, alsike, and mammoth_acres	138, 448 4, 020	917	17,674 571	7,667	102 12
25 26	Clover—sweet, crimson, and Japan_acres_ Alfalfaacres	342 1, 273	. 39 . 8	35 182	. 9.	8
27	Other tame grassesacres	256, 647	1, 360	58, 498	7, 633	670
28 29	Other tame grassesacres Small grains cut for hayacres Annual legumes cut for hayacres	8,001 24	119	671	873,	132
30	Wild grasses cut on farmsacres	12, 665	479	1, 339	455	82
31	Wild grasses cut on farmsacres Total quantity of hay of all kinds, both tame and wildtons	501, 423	3, 987	75, 271	32, 322	1, 313
$\frac{32}{33}$	Tobaccoacres	10, 035 14, 074, 156		1, 200		
34	Potatoes, whiteacres	12,909	228	1,466	1, 388	42
35 36	Miscellaneous crops: Tobaccoacres Potatoes, whiteacres Strawberriesacres	1, 686, 390 1, 373	22, 151 149	172, 755 11	184, 537 165	3, 678 3
	Vogotoblog grown for color					
37 38	Cabbagesacres_ Cantaloupes and muskmelonsacres_ Lettuceacres_ Onions (dry)acres_ Sweet cornacres_ Townet core	2, 571 144	· . 9 2	91	327 7	1 2
39	Lettuceacres	- 800	7	. 12.	77	i i
40 41	Onions (dry)acres	3, 422 8, 462		228	.1,133	18
42 43	Tomatoesacresacreswatermelonsacres	1, 618	3	30 1	250- 5	1
	Orchard fruits:					
44	Applestrees not of bearing age	756, 897	11, 795	29, 428	32, 254 67, 950	478
45 46	trees of bearing age bushels harvested	1, 402, 223 3, 006, 120	8, 592 9, 160	72, 049 147, 982	62,757	1, 334 944
47 48	Peachestrees of all ages	306.408	2,700	1,457	19,471	153
49	Pearstrees of all ages	32, 880 131, 361 50, 719	2, 198	6, 795	4, 714 10, 035	88 255
50 51	Peachestrees of all ages Pearstrees of all ages bushels harvested Pearstrees of all ages Grapesvines of all ages	50, 719 169, 318	808 1,823	6, 979 3, 004	2, 270	121
	orapestation villes of all ages-	108, 318	1,023	0,004	5,080	141

AND PRODUCTION OF PRINCIPAL CROPS: 1924

9 r	Worcester	Suffolk	Plym- outh	Norfolk	Nan- tucket	Middle- sex	Hampshire	Hampden	Franklin	Essex
09	4, 220, 450 7, 223, 139	2, 213 59, 349	637, 318 1, 343, 115	448, 418 989, 021	23, 303 23, 773	2, 752, 991 5, 484, 706	4, 153, 112 5, 712, 062	2, 212, 614 3, 590, 241	3, 229, 769 4, 352, 446	1, 113, 241 2, 912, 981
5 8 8 4 7	7, 506 995 44, 828 4, 888 54, 984 1, 487 136	1	188	1, 314 63 2, 668 926 9, 912 292 33	79 26 730 40 290 11 2	186	5, 665 2, 635 132, 501 2, 626 26, 654 392 12	3, 611 1, 293 52, 706 1, 831 18, 061 483 4	2,111	1, 545 103 5, 308 1, 047 11, 695 274 121
5 1 0 1 5 1	17 345 160 4, 605 1, 271		16 217 31 1, 200 199	23 1,020 269	2 50 109	8 170 46 1,472 608	1 10 80 2, 815 436	6 64 49 1,490 253	21 297 53 1,713 267	22 1,005 317
$ \begin{array}{c c} 2 & 1 \\ 5 & 1 \\ 5 & 1 \\ 5 & 1 \\ 5 & 1 \end{array} $	6 152 45 955 35 658	· 	13 181 3 30	2 40 9 136 1 15	· 	25 203 13 190	4 65 77 950 22 427	1 10 167 2, 845 27 468	5 89 33 516 24 540	1 15 8 142
$egin{array}{c c} 8 & 2 \\ 3 & 2 \\ 4 & 2 \\ 1 & 2 \end{array}$	117, 985 8, 868 31, 153 1, 064 51 304	8 5 3	16, 024 3, 231 5, 571 186 96 28	11, 386 1, 162 2, 316 63 	854 69 76 38	52, 159 11, 951 14, 045 300 40 147	50, 830 5, 659 13, 684 324 27 152	32, 652 3, 352 9, 051 280 25 83	$51, 526 \\ 6, 900 \\ 21, 031 \\ 210 \\ 2 \\ 55$	30, 985 2, 190 15, 158 173 18 162
$ \begin{array}{c c} 9 & 2 \\ 2 & 2 \\ \end{array} $	71, 801 2, 589 2 2, 153		6, 451 296 1 164	7, 275 243. 236	484 15 172	21, 201 797 3 3, 675	29, 799 567 3 615	18, 563 778 520	21,700 708 1 919	11, 212 213 3 1, 856
63	124, 826	13	18, 463	13, 077	788	58, 457	53, 549	35, 327	51, 874	32, 156
8 3 8 3	1, 500 2, 298 303, 308 167	10 2, 000	906 104, 683 124	3 4,000 434 45,283 74	24 3, 690	1, 316 198, 703 275	5, 181 7, 296, 290 1, 608 216, 697 60	2, 189 2, 982, 796 1, 331 172, 559 168	2, 660 3, 788, 370 1, 241 171, 895 68	617 84, 451 109
$ \begin{array}{c cc} 0 & 3 \\ 4 & 3 \\ 2 & 4 \\ 2 & 4 \\ 6 & 4 \\ 6 & 4 \end{array} $	385 30 44 32 932 176 3	20	197 8 48 26 541 108 3	$120 \\ 2 \\ 35 \\ 51 \\ 407 \\ 132 \\ 2$	2 3 31 1	109	139 15 17 1, 400 366 55 4		54 14 1,669 148 27 10	438 8 75 58 962 178 5
$ \begin{array}{ccccccccccccccccccccccccccccccccc$	173, 634 321, 732 640, 013 97, 823 8, 276 26, 677 6, 586 31, 862	20 10 3 	28, 330 55, 152 45, 659 11, 713 3, 534 6, 719 5, 275 10, 615	21, 502 35, 241 42, 873 7, 709 795 4, 931 1, 750 14, 552		247, 203 366, 323 889, 366 77, 724 1, 057 36, 348 7, 266 33, 152	63, 859 111, 835 310, 780 12, 984 2, 197 8, 312 '5, 130 11, 806	29, 484 85, 905 190, 073 30, 406 8, 952 5, 761 3, 585 39, 435	68, 992 175, 794 463, 663 18, 122 2, 561 7, 162 7, 745 10, 036	49, 918 100, 306 202, 840 26, 143 273 16, 102 3, 204 7, 196

COUNTY TABLE V.-FARM POPULATION

	ITEM AND TENURE (See definitions in Introduction)	THE STATE	Barn- stable	Berkshire	Bristol	Dukes
1	All farm population, total	149, 238	3 153	11, 745	14, 321	540
2	Under 10 years of age	28, 203		2, 141	2, 852	94
3	10 years of age and over	121, 035		9, 604	11, 469	446
4	Male	63, 423		5, 171	5, 958	247
5	Female	57, 612		4, 433	5, 511	199
6	White farm population	148, 526	3,009	11, 690	14, 284	464
7	Under 10 years of age	28, 024	527	2, 126	2, 845	78
8	10 years of age and over	120, 502	2,482	9, 564	11, 439	386
9	Male	63, 128	1,297	5, 151	5, 942	218
10	Female	57, 374	1,185	4, 413	5, 497	168
11	Colored farm population	712	144	55	37	76
12	Under 10 years of age	179	43	15	7	- 16
13	10 years of age and over	533	101	40	30	60
14	Male	295	51	20	16	29
15	Female	238	50	20	14	31
16	Population on owned farms	135, 925	2, 803	9, 647	13, 208	480
17	Under 10 years of age	25, 405	499	1, 644	2, 596	89
18	10 years of age and over	110, 520	2, 304	8, 003	10, 612	391
19	Male	57, 749	1, 199	4, 294	5, 523	208
20	Female	52, 771	1, 105	3, 709	5, 089	183
21	White farm population	$\begin{array}{c} 135,269\\ 25,236\\ 110,033\\ 57,484\\ 52,549 \end{array}$	2, 667	9, 598	13, 177	406
22	Under 10 years of age		456	1, 629	2, 593	73
23	10 years of age and over		2, 211	7, 969	10, 584	333
24	Male		1, 152	4, 278	5, 508	180
25	Female		1, 059	3, 691	5, 076	163
26	Colored farm population	656	136	49	31	74
27	Under 10 years of age	169	43	15	3	16
28	10 years of age and over	487	93	34	28	58
29	Male	265	47	16	15	28
30	Female	222	46	18	13	30
31	Population on managed farms	6, 500	182	1, 031	416	27
32	Under 10 years of age	1, 175	35	227	73	1
33	10 years of age and over	5, 325	147	804	343	26
34	Male	2, 963	76	441	176	19
35	Female	2, 362	71	363	167	7
36	White farm population	6, 469	179	1, 029	410	27
37	Under 10 years of age	1, 168	35	227	69	1
38	10 years of age and over	5, 301	144	802	341	26
39	Male	2, 948	75	440	175	19
40	Female	2, 353	69	362	166	7
41 42 43 44 45	Colored farm population Under 10 years of age 10 years of age and over Male Female		3 3 1 2	2 2 1 1	6 4 2 1 1	
46 47 48 49 50	Population on tenant farms Under 10 years of age 10 years of age and over Male Female	6, 813 1, 623 5, 190 2, 711 2, 479	168 36 132 73 59	1, 067 270 797 436 361	697 183 514 259 255	33 4 29 20 9
51	White farm population	6 788	163	1, 063	697	31
52	Under 10 years of age		36	270	183	4
53	10 years of age and over		127	793	514	27
54	Male		70	433	259	19
55	Female		57	360	-255	8
56 57 58 59 60	Colored farm population Under 10 years of ago 10 years of age and over Male Female	· 25	5 5 3 2	4 4 3 1		2 2 1 1

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BY AGE, SEX, COLOR, AND TENURE: 1925

								~~~~		_
Essex	Franklin	Hamp- den	Hamp- shire	Middle- sex	Nan- tucket	Norfolk	Plym- outh	Suffolk	Worcester	
9, 841 1, 569 8, 272 4, 256 4, 016	13, 114 2, 631 10, 483 5, 549 4, 934	11, 478 2, 432 9, 046 4, 792 4, 254	14, 047 3, 140 10, 907 5, 745 5, 162	22, 249 3, 756 18, 493 9, 660 8, 833	94 13 81 46 35	6, 738 1, 149 5, 589 2, 909 2, 680	10, 820 1, 898 8, 922 4, 682 4, 240	152 11 141 82 59	30, 946 5, 947 24, 999 12, 978 12, 021	1 2 3 4 5
9, 833 1, 569 8, 264 4, 250 4, 014	13, 106 2, 631 10, 475 5, 544 4, 931	11, 4362, 4229, 0144, 7744, 240	14, 036 3, 140 10, 896 5, 735 5, 161	22, 200 3, 750 18, 450 9, 636 8, 814	93 13 80 45 35	6, 718 1, 146 5, 572 2, 901 2, 671	10, 614 1, 831 8, 783 4, 598 4, 185	$152 \\ 11 \\ 141 \\ 82 \\ 59$	30, 891 5, 935 24, 956 12, 955 12, 001	6 7 8 9 10
8 6 2	8 5 3	42 10 32 18 14	11 11 10 1	49 6 43 24 19	1 1 1	20 3 17 8 9	206 67 139 84 55		55 12 43 23 20	11 12 13 14 15
8, 915 1, 392 7, 523 3, 859 3, 664	12, 128 2, 404 9, 724 5, 163 4, 561	$10,468 \\ 2,192 \\ 8,276 \\ 4,391 \\ 3,885$	13, 251 2, 976 10, 275 5, 396 4, 879	20, 753 3, 462 17, 291 9, 016 8, 275	91 12 79 45 34	5, 792 969 4, 823 2, 514 2, 309	9, 748 1, 713 8, 035 4, 173 3, 862	140 11 129 76 53	28, 501 5, 446 23, 055 11, 892 11, 163	16 17 18 19 20
8, 907 1, 392 7, 515 3, 853 3, 662	12, 120 2, 404 9, 716 5, 158 4, 558	10, 437 2, 185 8, 252 4, 379 3, 873	13, 241 2, 976 10, 265 5, 387 4, 878	20, 705 3, 456 17, 249 8, 993 8, 256	90 12 78 44 34	5, 772 966 4, 806 2, 506 2, 300	9, 559 1, 649 7, 910 4, 098 3, 812	140 11 129 76 53	28, 450 5, 434 23, 016 11, 872 11, 144	21 22 23 24 25
8 8 6 2	8 5 3	31 7 24 12 12	10 10 9 1	48 6 42 23 19		20 3 17 8 9	189 64 125 75 50		51 12 39 20 19	26 27 28 29 30
542 87 455 239 216	229 44 185 103 82	459 86 373 201 172	324 58 266 154 112	669 121 548 304 244		576 105 471 244 227	584 64 520 316 204		1, 461 274 1, 187 690 497	31 32 33 34 35
542 87 455 239 216	229 44 185 103 82	457 86 371 200 171	324 58 266 154 112	668 121 547 303 244		576 105 471 244 227	571 61 510 309 201		1, 457 274 1, 183 687 496	36 37 38 39 40
		2 2 1 1		1 1 1			13 3 10 7 3		4 4 3 1	41 42 43 44 45
384 90 294 158 136	757 183 574 283 291	551 154 397 200 197	472 106 366 195 171	827 173 654 340 314	3 1 2 1 1	370 75 295 151 144	488 121 367 193 174	12 12 6 6	984 227 757 396 361	46 47 48 49 50
384 90 294 158 136	757 183 574 283 291	542 151 391 195 196	471 106 365 194 171	827 173 654 340 314	3 1 2 1 1	370 75 295 151 144	484 121 363 191 172	12 12 6 6	984 227 757 396 361	51 52 53 54 55
		9 3 6 5 1	1 1 1				4 			56 57 58 59 60

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# County Table VI.—Number of Farms Reporting Specified Crops, Woodland 1925, and Woodland Cleared, 1920–1924; with Number of Cords of

	-				· · · · · · · · · · · · · · · · · · ·	
	ITEM (See definitions in Introduction)	THE STATE	Barn- stable	Berk- shire	Bristol	Dukes
1	Total number of farms, 1925	33, 454	788	2, 731	3, 045	117
	NUMBER OF FARMS REPORTING CROPS, 1924					
2 3 4	Corn for all purposes	9,076	115 62	968 466	995 203	44 34
4	Cut for silage	3, 758 3, 619	20	400	486	2
δ	Winter wheat	31		12	, 3	
6 7	Spring wheat	14		8		
	Grain and forage crops: Corn for all purposes. Harvested for grain. Cut for silage Winter wheat. Spring wheat. Oats threshed or cut when ripe and fed unthreshed. Barley. Rye. Buckwheat.	2, 357	21	653	166	9
8	Barley	54		41	3	
9 10	Rye	198 195	8	41 128	18	
11	Sorghums of all kinds	195	1	120		
12	Soy beans	36	1	6	• 5	2
13	Buckwheat Sorghums of all kinds Soy beans Dry edible beans (navy, etc.)	135	2		33	
14	Hay crops: Timothy alone	5 526	51	283	1,082	12
15	Timothy alone Timothy and clover mixed Clover—red, alsike, and mammoth	5, 526 11, 091	158	892	915	20
16	Clover-red, alsike, and mammoth	428	4	70	14	2
17	Clover-sweet, crimson, and Japan	64	3	7	3	
18	Alfalfa	307	7	39	19	4
19 20	Other tame grasses	17,607	264 47	2, 100 215	864 284	94 51
21	Alfalfa Other tame grasses Small grains cut for hay Production of hay of all kinds	3, 071 28, 587	456	2, 677	2, 570	103
	Miscellaneous crops:			-		
22	Tobacco	1, 372 15, 865		1 200		
23 24	Tobacco Potatoes, white Strawberries	2,024	294 152	1, 633 25	1, 254 258	67 9
	Vegetables grown for sale:					
25	Cabbages Cantaloupes and muskmelons	2,459	31	107	320	3
26	Cantaloupes and muskmelons	183	9	2 34	18 115	1 5
27 28	Opions (dry)	740 1, 419	18 9	28	40	9
29	Districtory Onions (dry) Sweet corn Tomatoes	5, 299 ]	115	223	684	19
30	Tomatoes	2,035	19	48	279	3
31	Watermelons	68		3	9	
32	All other crops	14, 858	634	634	1, 393	85
99	Orchard fruits:	97 709	561	2, 212	2, 439	61
33 34	Apple trees Peach trees	27, 792 8, 601	220	167	835	21
34 35	Pear trees	16.570	428	1,216	1, 552	46
36 37	Plum and prune trees Grapevines	8,915 10,992	215 268	862 622	456 906	24 31
31		10, 992	208			
	NUMBER OF FARMS REPORTING LIVESTOCK, 1925					
38	Horses and (or) mules	22, 057	379	2,043	1, 998	89
39	Cattle: Beef cattle	950	21	65	119	12
39 40	Dairy cows	23, 196	479	2, 189	2, 050	104
41	Dairy cows. Dairy bulls and (or) calves.	8,037	115	1,112	411	48
42 43	Cows milked	23,774 510	494 7	2, 245 85	<b>2,</b> 102 20	110 21
43 44	Sheep Goats	196	4	17	19	
45	Swine	6,010	154	648	457	49
46	Chickens	26, 017	605	2, 223	2, 574	110
	WOODLAND AND FIREWOOD					
47	Woodland cleared and made suitable for	3 181	358	138	264	6
48	Farms reportingnumber	3, 181 755	59	24	. 67	6 1
49 50	Woodland burned over, 1924acres	7,487	2,042	38	152	24
50	Farms reportingnumber	405 323, 923	52 4,241	4 38, 689	27 19, 978	2 507
51 52	Woodland cleared and made stituble for crops, 1920-1924acres Farms reportingnumber Woodland burned over, 1924acres Farms reportingnumber Firewood cut on farms, 1924cords Farms reportingnumber	17,673	346	1,680	1, 565	37
			1		•	

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# BURNED OVER, AND FIREWOOD CUT, 1924, SPECIFIED CLASSES OF LIVESTOCK, WOOD CUT AND ACREAGE OF WOODLAND BURNED OVER AND CLEARED

Essex	Franklin	Hamp- den	Hamp- shire	Middle- sex	Nan- tucket	Norfolk	Plym- outh	Suffolk	Worcester	[
2, 305	3, 139	2, 510	3,169	4, 567	25	1, 334	2, 614	16	7,094	1
301 56 143	1,271 819 431 6	935 533 289 2 2 2	1, 390 898 403 1	590 90 311 2 1	15 9 4	251 41 104	297 82 145 4	1	1,903 465 841 2 2	2 3 4 5 6
79 1 4 1 4 10	149 2 19 5 	126 1 38 16 	205 3 37 21 6 8	206 8 6 1 2 46		94 1 5 2 1 3	95 5 1 2 1 8	2	538 3 18 12 3 2 7	7 9 10 11 12 13
$\overset{222}{\underset{8}{1,085}}$	$554 \\ 1,461 \\ 25 \\ 2$	371 773 34 4	587 1,254 73 8	$1,094 \\ 1,162 \\ 57 \\ 5$	5 11 3	136 265 7	337 670 18 M	1 1 	791 2, 424 113 16	14 15 16 17
21 978 75 1,897	25 1, 441 320 2, 796	19 1, 480 301 2, 147	42 1, 909 251 2, 795	44 1, 848 278 3, 574	19 2 25	9 704 92 958	11 943 109 1,803	2	67 4, 963 1, 046 6, 784	18 19 20 21
692 181	491 1,786 108	194 1,615 239	684 1,662 111	1,663 449	12	1 547 64	997 192	1	1 3, 642 236	22 23 24
303 16 127 123 611 259 9	114 25 11 502 192 47 14	203 53 23 33 442 169 8	$195 \\ 14 \\ 27 \\ 427 \\ 319 \\ 82 \\ 4$	510 14 204 101 1, 200 569 7	$ \begin{array}{r}     2 \\     10 \\     \overline{} \\     15 \\     7 \\   \end{array} $	136 4 51 63 331 160 2	129     11     37     43     371     109     6	5 8 7 4 8	403 14 70 43 773 276 6	25 26 27 28 29 30 31
1, 410	861	819	701	2, 814	18	782	1,449	13	3, 245	32
$1,990 \\753 \\1,249 \\541 \\742$	2, 447 766 1, 643 1, 127 1, 314	2, 046 654 1, 145 675 830	2, 585 683 1, 425 1, 012 1, 192	4,047 1,480 2,582 1,403 1,671		1,124 433 754 383 552	1,984 718 1,211 613 933	2 2 7 	6, 294 1, 869 3, 312 1, 604 1, 928	33 34 35 36 37
1, 455	2, 174	1, 736	<b>2,</b> 175	3, 021	22	888	1, 235	13	4, 829	38
44 1, 416 377 1, 447 27 29 243 1, 717	132 2, 242 1, 047 2, 289 133 8 1, 034 2, 334	98 1, 841 678 1, 906 33 475 2, 078	80 2, 334 942 2, 384 55 6 853 2, 468	96 2, 954 917 3, 029 32 36 591 3, 485	$1 \\ 23 \\ 14 \\ 24 \\ 1 \\ 3 \\ 22$	48 882 201 911 9 18 209 1,077	60 1,532 273 1,577 16 16 204 1,985	8 8 7 7 7	$174 \\ 5, 142 \\ 1, 902 \\ 5, 248 \\ 71 \\ 43 \\ 1, 083 \\ 5, 332 $	39 40 41 42 43 44 45 46
121 40 225 -28 11, 696 746	184 46 184 18 31, 389 1, 906	375 80 1, 187 39 25, 144 1, 397	264593012734, 3311, 808	542 130 485 54 35, 814 1, 967	 5 2	244 56 449 57 9, 717 -598	293 90 932 36 19, 356 1, 188	 10 2	392 103 1,468 61 92,996 4,431	47 48 49 50 51 52

#### 154CENSUS OF AGRICULTURE: 1925-MASSACHUSETTS

# COUNTY TABLE VII.—ACREAGE IN FARMS, ACREAGE IN CROP LAND HARVESTED, BY SIZE OF

[To avoid disclosing data for individual f	farms where only 1 or 2 of any size
--------------------------------------------	-------------------------------------

	ITEM AND SIZE GROUP (See definitions in Introduc- tion)	THE STATE	Barnstable	Berkshire	Bristol	Dukes	Essex
12345670	All land in farms, 1925: Total acreage	2, 367, 629 97, 714 263, 153 477, 393 599, 555 678, 357 153, 654 97, 803	35, 885 3, 069 7, 884 8, 074 6, 065 7, 193 3, 600	358, 503 4, 938 12, 707 35, 668 87, 614 152, 960 29, 161 35, 455	139, 188 11, 148 30, 666 39, 951 31, 834 17, 720 ³ 7, 869	20, 779 224 798 1, 901 2, 669 4, 387 3 10, 800	114, 038 8, 610 19, 001 27, 526 23, 400 26, 651 5, 250 3, 600
9 10 11 12 13 14 15 16	Crop land harvested, 1924:           Total acreage.           Under 20 acres.           20 to 49 acres.           50 to 99 acres.           100 to 174 acres.           175 to 499 acres.           500 to 999 acres.           500 to 999 acres.           10,00 acres and over.	625, 068 51, 036 98, 395 145, 333 157, 293 142, 179 21, 344 9, 488	7, 125 1, 327 1, 911 1, 755 1, 169 771 192	94, 336 2, 944 5, 794 13, 302 27, 495 36, 836 5, 140 2, 825	37,909 5,114 10,247 11,059 7,598 3,222 3 669	1, 383 81 207 307 283 342 * 163	$\begin{array}{c} 40,202\\ 4,969\\ 8,344\\ 9,748\\ 7,946\\ 7,774\\ 1,086\\ 335\end{array}$
17 18 19 20 21 22 23 24	Land and buildings, 1925: Total value, dollars Under 20 acres 20 to 49 acres 100 to 174 acres 175 to 499 acres 500 to 999 acres 1,000 acres and over	56, 363, 780 52, 954, 707 52, 782, 480 44, 193, 072 36, 978, 263 7, 617, 733	5, 366, 133 1, 367, 373 1, 502, 620 1, 131, 410 642, 505 583, 775 138, 450	19, 469, 323 2, 169, 420 1, 838, 150 2, 749, 250 4, 774, 020 5, 910, 130 1, 127, 200 901, 153	18, 717, 708 5, 103, 685 4, 755, 354 4, 706, 610 2, 485, 229 1, 320, 500 \$ 346, 330	831, 700 58, 600 90, 400 127, 200 99, 500 124, 000 3 332, 000	$\begin{array}{c} 21,847,068\\ 6,149,835\\ 5,391,450\\ 4,583,360\\ 2,574,568\\ 2,564,645\\ 398,000\\ 185,210 \end{array}$
25 26 27 28 29 30 31 32	Buildings, 1925:           Total value, dollars	37,091,812 31,121,355 29,486,476 23,426,382 18,111,040 3,550,619	3, 107, 634 939, 720 850, 900 662, 625 318, 189 240, 600		11,077,034 3,469,320 2,940,855 2,552,510 1,401,564 588,600 \$ 124,185	425, 450 40, 650 62, 300 75, 500 45, 200 59, 800 8 142, 000	$11, 424, 435 \\3, 664, 760 \\2, 846, 425 \\2, 231, 660 \\1, 289, 565 \\1, 187, 025 \\150, 000 \\55, 000 \\$

¹ Includes the group "Under 20 acres." ² Includes the group "100 to 174 acres."

COUNTY TABLE VIII.—COOPERATIVE MARKETING—VALUE OF FARM PRODUCTS TENURE:

	ITEM AND TENURE (See definitions in Introduction)	THE State	Barn- stable	Berk- shire	Bristol	Dukes
1 2 3 4	Sales: Value of farm products solddollars Ownersdollars Managersdollars Tenantsdollars	4, 144, 690 3, 802, 138 178, 950 163, 602	84, 505 64, 405 900 19, 200	220, 601 201, 827 7, 569 11, 205	737, 041 606, 245 70, 396 60, 400	350 350
5 6 7 8	Farms reporting salesnumber Ownersnumber Managersnumber Tenantsnumber	2, 091 1, 950 57 84	71 67 1 3	126 110 9 7	311 279 8 24	1
9 10 11 12	Purchases: Value of supplies purchaseddollars Ownersdollars Managersdollars Tenantsdollars	1, 461, 873 1, 323, 149 94, 874 43, 850	10, 100 6, 922 360 2, 818	81, 611 68, 524 8, 890 4, 197	193, 076 184, 334 2, 805 5, 937	50 50
13 14 15 16	Farms reporting purchasesnumber Ownersnumber Managersnumber Tenantsnumber	2, 278 2, 089 85 104	49 44 1 4	126 109 9 8	302 271 8 23	1

# Value of Farm Land and Buildings, and Value of Farm Buildings, Farm: 1925

group were reported, their acreage and value are included in another group]

		1			(	1		1	-
Franklin	Hampden	Hamp- shire	Middlesex	Nan- tucket	Norfolk	Plymouth	Suffolk	Worcester	
278, 440 6, 500 19, 570 46, 748 80, 637 104, 566 14, 801 5, 618	201, 607 6, 286 18, 575 37, 111 59, 530 60, 941 14, 364 4, 800	251, 647 8, 005 22, 257 48, 897 61, 632 85, 037 19, 713 6, 106	$\begin{array}{c} 241,669\\ 15,770\\ 37,887\\ 64,019\\ 61,204\\ 51,244\\ 8,222\\ 3,353\end{array}$	4, 953 ¹ 220 ² 656 ¹ , 877 ³ 2, 200	63, 165 4, 831 13, 625 15, 452 14, 330 10, 157 3 4, 770	127,50910,17224,40929,50021,84823,4514,84413,285	264 104 160	529, 982 18, 057 55, 424 121, 890 148, 792 132, 173 31, 660 21, 986	1 2 3 4 5 6 7 8
66, 283 4, 402 7, 974 13, 223 19, 096 18, 612 2, 181 795	45, 125 2, 971 6, 747 9, 642 13, 244 11, 025 1, 316 180	68, 662 5, 495 10, 407 16, 424 16, 160 17, 238 2, 615 323	78, 527 8, 496 15, 208 22, 172 17, 667 12, 680 1, 266 1, 038	1, 131 ¹ 106 ² 260 <del>485</del> ³ 280	16, 094 1, 966 4, 351 4, 005 3, 097 1, 958 ³ 717	26, 430 3, 775 6, 838 6, 749 4, 128 3, 449 219 1, 272	219 63 156	$141, 642 \\ 9, 433 \\ 20, 105 \\ 36, 687 \\ 39, 410 \\ 27, 787 \\ 5, 692 \\ 2, 528$	9 10 11 12 13 14 15 16
$\begin{array}{c} 17,229,370\\ 2,841,640\\ 2,807,255\\ 3,183,675\\ 3,838,595\\ 3,820,755\\ 553,800\\ 183,650 \end{array}$	18, 897, 392 4, 083, 660 3, 992, 840 3, 632, 995 3, 890, 323 2, 810, 132 334, 442 153, 000	$\begin{array}{c} 23,164,450\\ 4,931,810\\ 4,541,085\\ 5,364,875\\ 3,750,455\\ 3,836,525\\ 668,200\\ 71,500 \end{array}$	45, 595, 720 12, 198, 292 10, 047, 778 9, 733, 372 7, 105, 868 5, 432, 545 897, 975 179, 890	229,000 ¹ 56,000 ² 44,500 ¹ 101,500 ³ 27,000	14, 828, 317 3, 571, 085 4, 295, 530 2, 910, 928 2, 196, 274 1, 390, 950 * 463, 550	21, 460, 036 5, 034, 740 5, 200, 825 4, 161, 350 2, 742, 130 2, 936, 886 393, 000 991, 105	584, 100 350, 600 233, 500	46, 382, 624 8, 503, 040 8, 201, 920 10, 452, 955 10, 093, 605 6, 145, 920 2, 076, 236 908, 948	17 18 19 20 21 22 23 24
9, 377, 015 1, 818, 610 1, 546, 250 1, 683, 450 1, 988, 580 1, 991, 125 249, 000 100, 000	10, 320, 415 2, 472, 920 2, 190, 450 1, 961, 050 2, 053, 468 1, 434, 940 135, 587 72, 000	$\begin{array}{c} 13,324,585\\ 3,271,675\\ 2,736,050\\ 3,003,400\\ 2,044,535\\ 1,915,300\\ 316,025\\ 37,600 \end{array}$	26, 366, 146 8, 075, 437 5, 819, 815 5, 619, 380 3, 812, 075 2, 522, 164 412, 975 104, 300	141, 450 1 39, 800 2 28, 500 60, 650 3 12, 500	8, 811, 167 2, 375, 960 2, 545, 250 1, 752, 163 1, 209, 645 645, 390 3 282, 759	$\begin{array}{c} 11, 354, 405\\ 3, 475, 925\\ 3, 115, 350\\ 2, 225, 250\\ 1, 214, 280\\ 1, 044, 600\\ 95, 000\\ 184, 000 \end{array}$	205, 400 156, 400 49, 000	1,041,688	25 26 27 28 29 30 31 32

⁸ Includes the group "1,000 acres and over."

Sold and of Supplies Purchased, with Number of Farms Reporting, by 1924

Essex	Franklin	Hamp- den	Hamp- shire	Middle- sex	Nan- tucket	Norfolk	Plym- outh	Suffolk	Worcester	
52, 074 52, 074	456, 494 420, 710 18, 616 17, 168	305, 878 290, 188 1, 950 13, 740	957, 685 911, 061 16, 829 29, 795	255, 005 236, 805 15, 600 2, 600		14, 277 14, 277	766, 777 723, 187 43, 590	22, 000 22, 000	272, 003 259, 009 3, 500 9, 494	1 2 3 4
25 25	358 332 13 13	205 193 2 10	522 493 10 19	115 112 2 1		18 18	118 110 8	1 1	220 209 4 7	5 6 7 8
62, 344 54, 769 6, 500 1, 075	192, 540 178, 712 9, 788 4, 040	$142,721 \\ 133,203 \\ 6,150 \\ 3,368$	95, 401 85, 829 4, 757 4, 815	327, 425 300, 799 14, 584 12, 042		75, 779 71, 455 4, 174 150	66, 175 62, 145 2, 740 1, 290		214, 651 176, 407 34, 126 4, 118	9 10 11 12
87 83 2 2	316 296 11 9	266 251 3 12	204 188 6 10	483 447 17 19		40 31 7 2	92 87 1 4		312 281 20 11	13 14 15 16

DEPARTMENT OF COMMERCE HERBERT HOOVER, SECRETARY

> BUREAU OF THE CENSUS W. M. STEUART, Director

# UNITED STATES CENSUS OF AGRICULTURE

# 1925

REPORTS FOR STATES, WITH STATISTICS FOR COUNTIES AND A SUMMARY FOR THE UNITED STATES

# Part I

THE NORTHERN STATES

NEW ENGLAND DIVISION Maine New Hampshire Vermont Massachusetts Rhode Island Connecticut MIDDLE ATLANTIC DIVISION New York New Jersey Pennsylvania

EAST NORTH CENTRAL DIVISION Ohio Indiana Illinois Michigan Wisconsin WEST NORTH CENTRAL DIVISION Minnesota Iowa Missouri North Dakota South Dakota Nebraska Kansas

PREPARED UNDER THE SUPERVISION OF WILLIAM LANE AUSTIN CHIEF STATISTICIAN FOR AGRICULTURE



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> UNITED STATES GOVERNMENT PRINTING OFFICE WASHINGTON 1927

# REPORTS FOR STATES, WITH STATISTICS FOR COUNTIES

This report is printed in three parts. The reports for the States are arranged in the various parts as follows:

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PART I

PART II THE SOUTHERN STATES Part III

THE NORTHERN STATES

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MIDDLE ATLANTIC DIVISION--New York New Jersey Pennsylvania

EAST NORTH CENTRAL DIVISION---Ohio Indiana Illinois Michigan Wisconsin WEST NORTH CENTRAL

DIVISION— Minnesota Iowa Missouri North Dakota South Dakota Nebraska Kansas SOUTH ATLANTIC DIVISION--Delaware Maryland District of Columbia Virginia West Virginia North Carolina South Carolina Georgia Florida

EAST SOUTH CENTRAL DIVISION---Kentucky Tennessee Alabama Mississippi

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# LETTER OF TRANSMITTAL

DEPARTMENT OF COMMERCE, BUREAU OF THE CENSUS, Washington, D. C., June 9, 1927.

SIR:

I transmit herewith Part I of the Report of the Census of Agriculture, 1925, for the 48 States and the District of Columbia. The complete report consists of three parts, presenting detailed statistics, respectively, for (I) the Northern States, (II) the Southern States, and (III) the Western States. Each part contains a general summary for the United States and statistics by counties for the States in the area to which it especially relates.

The report was prepared under the supervision of William Lane Austin, chief statistician for agriculture, assisted by Morris J. Hole, Leon  $\overline{E}$ . Truesdell, Sherman S. Slick, George B. Wetzel, and Margaret A. Patch.

Credit is given to F. A. Gosnell and T. F. Murphy, in charge of the field work, W. B. Cragg, in charge of tabulation, and H. H. Pierce, in charge of printing.

The cooperation of the Bureau of Agricultural Economics, Department of Agriculture, is acknowledged.

W. M. STEUART, Director of the Census.

Hon. HERBERT HOOVER, Secretary of Commerce.

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Illinois	490	491	492	504	520	534	548	560	571	580
Indiana	410	411	412	422	436	448	460	468	478	484
Iowa	810	811	812	824	840	854	868	878	888	896
Kansas.	1208	1209	1210	1224	1240	1256	1272	1282	1293	1300
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Ohio	330	331	332	. 342	355	367	379	388	398.	405
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# FOREWORD

The data contained in this report cover the principal items of information secured at the census of agriculture, January 1, 1925, which was the first middecennial census of agriculture taken by the Federal Government. The report is issued in three parts, covering, respectively, the States of the North, the South, and the West, as shown on the reverse of the title-page.

The limited character of this census is apparent from the fact that, while the schedule used in the census of agriculture in 1920 contained 415 inquiries concerning the operator, acreage, values, indebtedness, operation, and production of the farm, that used in 1925 contained only 178 inquiries. Copies of the schedule and the instructions to enumerators relative to its preparation in the field appear as an appendix to this volume.

A schedule was returned for each of the 6,371,640 farms in the 48 States and The information on these schedules was secured by the District of Columbia. actual canvass by a force of 23,945 enumerators operating under 204 super-The schedules were given a preliminary review by the supervisors, and visors. on reaching the Bureau of the Census they were first counted, arranged by minor civil divisions, and numbered, after which they were examined and edited by a force of clerks numbering 366, to eliminate inconsistencies. The information was then transferred to cards by the punch system by a force of operators numbering 691. Eight different forms of cards were used. The punched cards numbered 96,387,410, an average of 15.1 cards for each farm schedule. This process was followed by passing the cards through electric sorting and tabulating machines, the latter of which automatically printed the county totals on result The equivalent of 230,670,515 cards were sorted and 167,420,618 cards slips. tabulated. The results were examined and summarized by a force of clerks numbering 221, and the tables for the bulletins and this report were prepared by a force of clerks numbering 123.

The results of the census were announced as soon after the enumeration as they could be compiled. Press summaries giving preliminary figures were issued, beginning March 10, 1925, for each county and State and for the United States, showing the number of farms by tenure, and, for the South, by color of operator; the farm acreage, by uses of land; values of land and buildings; numbers of horses, mules, cattle, and swine on farms; and acreage and production of principal crops.

Another series of press summaries, for States and the United States only, gave the farm population, by color and by age and sex groups; the number of farms located on different kinds of roads; the values involved in farmers' cooperative sales and purchases; numbers of sheep, goats, and chickens on farms; value of farm implements and machinery; number of farms reporting radio outfits; number of tractors on farms; farm expenditures for feed, fertilizer, labor, and lumber and firewood; livestock products of farms; and farm-mortgage debt. Other press summaries were issued showing for a part or all of the States a number of the items given in the individual summaries mentioned above.

The first bulletin was published on November 5, 1925. This reported the number of farms in the United States, in each State and county, and in the District of Columbia, for 1925, 1920, 1910, and 1900.

State bulletins giving the results of the census, by counties, were issued in two series, those of the first series containing the data shown in County Tables I, II, III, and IV, and the total farm population, by color and by age and sex groups, as in County Table V of this report. The second series of bulletins contained all of the figures shown in Table V, together with Tables VI, VII, and VIII of this report. The United States Summary, showing the figures for geographic divisions and States, as here presented, was published as a separate pamphlet after the completion of the several State bulletins, each State table bearing the same number as the corresponding county table of the State bulletins.

# INTRODUCTION

### ACT AUTHORIZING THE CENSUS OF AGRICULTURE: 1925

The act of March 3, 1919, under which the census of 1920 was taken, provided also for a census of agriculture to be taken in 1925 and every 10 years thereafter. In taking the farm census of 1925, in accordance with this act, the Bureau of the Census employed the same methods of enumeration that it has used in the decennial censuses; the figures are, therefore, the results obtained from the tabulation of the information given by farm operators to census enumerators in a personal canvass of the individual farms and ranges of the United States.

### CENSUS DATES

The censuses of 1925 and 1920 relate to January 1 of those years and the crop years 1924 and 1919. The census of 1910 relates to April 15, 1910, and the crop year 1909.

### **EXPLANATION OF TERMS USED IN TABLE I1**

Farm.—A "farm," for census purposes, is all the land which is directly farmed by one person, either by his own labor alone or with the assistance of members of his household or hired employees. The land operated by a partnership is also a farm. A "farm" may consist of a single tract of land, or of a number of separate tracts, and these several tracts may be held under different tenurcs, as where one tract is owned by the farmer and another tract is rented by him. When a landowner has one or more tenants, renters, croppers, or managers, the land operated by each is considered a "farm."

In applying the foregoing definition of a "farm" for census purposes, enumerators were instructed to report as a "farm" any tract of 3 or more acres used for agricultural purposes, and also any tract containing less than 3 acres which produced at least \$250 worth of farm products in the year 1924.

The definition used in 1920 and 1910 contained the following additional provision with regard to a farm of less than 3 acres: "or which required for its agricultural operations the continuous services of at least one person." It is possible that the difference in the number of farms shown for some States in 1925 and 1920 is partly the result of this change in the definition of a farm.

Farmer.—A "farmer" or "farm operator," according to the census definition, is a person who operates a farm, either performing the labor himself or directly supervising it. The number of farmers shown by the census of agriculture is, therefore, the same as the number of farms. Owners of farms who do not themselves conduct or direct the farm operations are not reported as farmers.

Color of farmer.—Farmers in the Southern States are classified as white and colored, the colored including Negroes, Indians, Chinese, and Japanese.

**Tenure.**—Farm operators are classified, according to the tenure under which they operate their farms, into four general classes, as follows:

Full owners are farmers who own all the land which they operate.

Part owners are farmers who operate some land which they own, together with additional land which they rent. Part owners, therefore, have some of the characteristics of full owners and some of the characteristics of tenants.

Managers are farmers who operate farms or ranches for the owners, receiving wages or salaries for their services.

Tenants are farmers who operate hired land only. In the present report separate figures are shown for three classes of tonants-namely, (1) cash tenants, who pay a cash rental, as \$7 per acre of crop land or \$500 for the use of the whole farm; (2) croppers (reported only for the Southern States), who are defined as share tenants, to whom landlords furnish all the work animals; and (3) all other tenants, including those giving a share of the products for the use of the land or a share for part and cash for part.

**Relationship to landlord.**—The figures indicating the relationship of tenants to landlords, in States of the North and West, show what percentage of the whole number of "Cash tenants" or "Other tenants," as the case may be, answered "Yes" to the following question on the schedule: "Do you rent this farm from

¹ Explanation applies to torms used in the State table of the United States Summary and to the county table of the same number in each of the State sections of this report.

your own or your wife's parent, grandparent, brother, or sister?" These figures are important because the terms of tenancy are likely to be different where the tenant is closely related to the landlord than where the owner-tenant contract is purely a matter of business.

**Farm land.**—The acreage designated as "all land in farms" includes considerable areas of land not actually under cultivation and some not even used for pasture, since each farmer was asked to report as a unit all the land under his control or rather all the land which he thought of as a part of his farm; care was taken, however, to avoid reporting as a part of a farm operated by the owner any acreage operated by a tenant, whether a cash tenant, cropper, or other tenant. Isolated tracts of timberland and other areas not connected with the farm were not to be included.

The following classes of farm land are shown separately:

1. Crop land harvested in 1924, comprising all land from which cultivated crops were harvested, all land from which hay was cut, including wild hay cut within the limits of the farm, and all land in gardens, orchards, and vineyards. A given acreage was counted but once, even though two or more crops were harvested from it.

2. Crop failure, comprising land from which no crop was harvested in 1924 because of crop failure or destruction from any cause, including drought, flood, insects, or disease.

3. Idle or failow land, comprising land which was lying idle all of 1924 or which was in cultivated summer fallow. This class, together with the crop land harvested and the crop failure, makes up the area designated "Crop land, total."

4. Plowable pasture, comprising land used only for pasture in 1924 which could be plowed and used for crops without clearing, draining, or irrigating.

5. Woodland pasture, comprising woodland used for pasture at any time during 1924. (See definition of woodland below, under Item 7.)

6. Other pasture, comprising all land used for pasture in 1924 which was not included under plowable pasture or woodland pasture. These three classes together constitute the item designated "Pasture land, total."

7. Woodland not used for pasture, woodland being defined as including all farm wood lots, natural or planted, and cut-over land with young growth, but excluding land having only chaparral or woody shrubs.

8. All other land in farms, including all rough, swampy, or waste land not in forest, pasture, nor crops, and also the land occupied by buildings, barnyards, feed lots, roads, etc.

### EXPLANATION OF TERMS USED IN TABLE II 1

Farm values.—The farmer was asked to report, first, the total value of his farm (land and buildings), including all the land which he operated, both owned and hired. He was asked to give the current market value—that is, the amount for which the farm would sell under normal conditions, not at forced sale. The tabulated results of this inquiry are shown as "Value of land and buildings" and represent the total value of farm real estate.

The farmer was also asked to report the value of the buildings alone on his farm. This value was necessarily estimated, and the figures obtained are probably somewhat less satisfactory than the figures for the total real-estate value.

bly somewhat less satisfactory than the figures for the total real-estate value. The figure shown for "Land, excluding buildings," is obtained by subtracting the value of the buildings from the basic value of land and buildings together.

In comparing the values of farm properties as reported at the census of 1925 with those reported in 1920 and 1910, the variations in the purchasing power of the dollar should be kept in mind.

Mortgage debt.—Mortgage-debt figures are given only for farm owners, the number of mortgaged farms being given for full owners and part owners combined, and the amount of the mortgage debt for full owners alone. The number of owners reporting mortgage debt is the number who gave the amount of the debt in response to a question reading as follows: "Amount of mortgage debt on all farm land and buildings owned by you (anywhere in the United States)."

In the mortgage-debt inquiry at earlier censuses the question was limited to debt on the farm covered by the schedule. It appears, however, from an examination of the returns, that the change in the form of the question has made very little difference in the returns; hence the figures presented in the accompanying tables should be closely comparable with the figures published for 1920 and 1910.

Farm expenditures comprise amounts expended by farmers during the year 1924 for selected items defined on the schedule, as follows:

Feed, defined as "hay, grain, mill feed, and other products, for use as feed for domestic animals and poultry."

Fertilizer, including manure and also lime and limestone.

Farm labor, exclusive of housework, money wages only, not including value of rent or board furnished. Lumber, etc., purchased for use on farm, including timber, wooden posts, poles, and firewood.

1 See footnote 1, p. vn.

Cooperative marketing.—Two items are shown under this heading—namely, the value of farm products sold to or through farmers' marketing organizations in 1924 and the value of all farm supplies purchased from or through farmers' organizations in 1924.

Farm facilities.—The number of tractors and the number of farms reporting radio outfits need no explanation. The figures given under the heading "Silos" represent the number of farms reporting corn cut for silage. In most parts of the country this is practically the same as the number of farms using silos, though in a few States crops other than corn are used to some extent for silage.

Kind of road.—Under this heading the farms are classified according to the answer to the following question: "What kind of road adjoins this farm?"

### EXPLANATION OF TERMS USED IN TABLE III 1

Livestock.—The term "Livestock" includes all domestic animals, poultry, and bees. The value shown in the table is the value of specific classes of livestock shown in the table, plus an estimate for certain unimportant classes which were not included on the 1925 farm schedule—namely, asses and burros, turkeys, ducks, geese, guinea fowls, pigeons, and bees. The value of this group, which is shown in the table under the heading "Other livestock," was estimated for 1925 on the basis of the percentage of the total value represented by these classes in 1920. The values shown in the table for the various kinds of livestock were obtained by multiplying the current when the percentage of the total value of the values of the percentage the percentage of the total value represented by these classes in 1920.

The values shown in the table for the various kinds of livestock were obtained by multiplying the average values per head obtained through the Bureau of Agricultural Economics of the United States Department of Agriculture by the number of animals of each class. The values for dairy products and for crops were obtained in a similar way, by multiplying the average value per unit by the number of units produced.

Cattle—beef and dairy.—The classification of cattle as beef and dairy is shown in the table only for heifers and for cows. Beef cattle were defined on the schedule, both in 1920 and in 1925, as "cattle kept mainly for beef production," and dairy cattle were defined as "cattle kept mainly for milk production." In many parts of the country, however, especially where the cattle usually kept are of a general-purpose type, it is difficult for either the enumerator or the farmer to classify the cattle on this basis. In many cases, therefore, the classification as beef or dairy seems to have been largely a matter of individual opinion, and there are a number of cases where a comparison of the 1925 figures with those for 1920 shows radical changes. It is believed, however, that on the whole the 1925 classification is more nearly accurate than that made in 1920.

Cows 2 years old and over.—This designation is used, for brevity, in place of an item which appeared on the schedule as "Cows and heifers 2 years old and over."

Breeding sows.—The complete designation for this item is "Sows and gilts for breeding purposes, 6 months old and over."

**Cows milked.**—The number of cows milked is a new item, not obtained in any previous census of agriculture. Each farmer was asked to report the total number of cows milked during all or any part of the year 1924. In the tabulation the figures reported on schedules having dairy cows were classified as dairy cows milked (though a few beef cows milked were doubtless included); the cows reported milked on schedules showing beef cows only, or showing neither dairy nor beef cows, in the inventory section, were tabulated as beef cows milked.

Milk products.—The figure given for milk production represents the total production of milk, including an estimate for those farms reporting cows milked but not reporting the amount of milk produced. This estimate for 1924 was made on the basis of the average production per cow milked, as shown by the complete schedules, that for 1919 was made on the basis of the number of dairy cows on hand.

Butterfat sold.—Where farmers sell cream (or milk) and receive payment for the number of pounds of butterfat contained therein, the butterfat content for which they thus receive payment is reported as butterfat sold. The figure for cream sold represents, therefore, only that cream sold by the gallon or similar unit.

Wool.—The figures for wool production represent the total production, including estimates for the incomplete reports. The estimates are based on the average production of wool per sheep on hand, as shown by the complete reports.

Eggs and chickens.—The production of eggs and the number of chickens raised are, likewise, totals including estimates for the incomplete reports.

¹ See footnote 1, p. VII.

### EXPLANATION OF TERMS USED IN TABLE IV 1

Value of crops.—The value of crops shown in Table IV represents the value of those crops alone whose production was reported for 1924. Since the value of these crops was considerably less than the total value of all crops, a comparative figure representing the value of the same crops in 1919 (with the exception of sorghums cut for hay) has been added to the table. These two figures are fairly comparable, though the crops not included may have been more important in 1924 than in 1919, or vice versa. In any case the crop values shown for 1924 should not be compared with the total value of crops reported for 1919 when all crops whatsoever were included. All crop values, like the livestock values, have been computed on the basis of

All crop values, like the livestock values, have been computed on the basis of average price or unit values furnished by the Bureau of Agricultural Economics of the United States Department of Agriculture.

Acreage and production.—The acreage shown for the several crops represents the acreage harvested, which is sometimes less than the acreage planted. The production represents the quantity actually harvested in the form indicated. For example, the number of bushels of oats shown includes only oats actually threshed. The number of bushels of corn includes only corn husked or snapped at the rate of 56 pounds of shelled corn or 70 pounds of ear corn per bushel.

**Corn.**—For the first time in any Federal census the total acreage of corn for all purposes has been obtained for 1924. Corn harvested for grain includes corn snapped, husked, or (at the time of the enumeration) to be husked, for grain. The acreage of corn for fodder includes the area from which the whole plant was cut for green or dry fodder and not husked or snapped. Corn was reported as hogged off where the whole plant was hogged or grazed off by any kind of livestock and none of the corn was husked or snapped.

**Oats.**—A new question calling for the acreage of "Oats cut for grain when ripe or nearly ripe and fed unthreshed" was introduced at this census. Previous census schedules called only for oats cut green for hay and for both acres and bushels of oats cut for grain. Doubtless some farmers who fed unthreshed oats raised in 1919 and 1909 reported the acreage, together with an estimate of the number of bushels that would have been produced if the grain had been threshed.

Annual legumes cut for hay.—One of the questions asked on the schedule for 1919 called for the total acreage of annual legumes cut for hay. In place of this question on the schedule for 1924 were three questions calling for the acreage of soy beans, of cowpeas, and of peanuts cut for hay.

Total production of hay.—On the schedule for 1924 there was one question asking for the "Total quantity of hay of all kinds, both tame and wild." The enumerators apparently found it more difficult to obtain accurate figures for the hay production in this form than was the case where the tonnage of each kind of hay was asked for separately. Included in the hay production of some sections of the country is an undetermined tonnage of sorghums cut for hay, the acreage of which was reported under an inquiry reading as follows: "Sorghums cut for silage, hay, or fodder." Allowance should be made for these facts in making use of this figure.

### EXPLANATION OF TERMS USED IN TABLE V1

Farm population.—The farm population, as reported for 1925, comprises all persons living on farms, including, of course, considerable numbers of persons engaged in occupations other than farming.

The figures for 1925 are not strictly comparable with those reported in 1920, since the definition used in 1920 included not only all persons living on farms, but in addition those farm laborers (and their families) who, while not living on farms, did live in rural territory outside any incorporated place. It is believed that the number of farm laborers thus included was not very great, but the fact of their inclusion should be kept in mind in making any comparisons between the farm population figures for 1925 and 1920.

The farm population classified as colored includes Negroes, Indians, Chinese, and Japanese.

### TABLES VI, VII, AND VIII 1

The terms used in these tables have been sufficiently explained in connection with preceding tables. Table VI shows the number of farms reporting certain items shown in Tables III and IV; Table VII expands, by size of farm, certain items shown in Tables I and II; and Table VIII expands, by tenure, certain items shown in Table II.

1 See footnote 1, p. vii.