National Water-Quality Assessment Program

Method for Estimating Annual Atrazine Use for Counties in the Conterminous United States, 1992–2007

Scientific Investigations Report 2010-5034

Left: Photograph showing heads of grain sorghum (milo).

Middle: Photograph showing a red barn in a corn field.

Right: Photograph showing flowering sugar cane plants.

(Stock images purchased from [istockphotos.com/](https://www.istockphotos.com/))

Method for Estimating Annual Atrazine Use for Counties in the Conterminous United States, 1992–2007

By Gail P. Thelin and Wesley W. Stone

National Water-Quality Assessment Program

Scientific Investigations Report 2010–5034

**U.S. Department of the Interior
U.S. Geological Survey**

U.S. Department of the Interior
KEN SALAZAR, Secretary

U.S. Geological Survey
Marcia K. McNutt, Director

U.S. Geological Survey, Reston, Virginia: 2010

For more information on the USGS—the Federal source for science about the Earth, its natural and living resources, natural hazards, and the environment, visit <http://www.usgs.gov> or call 1-888-ASK-USGS

For an overview of USGS information products, including maps, imagery, and publications, visit <http://www.usgs.gov/pubprod>

To order this and other USGS information products, visit <http://store.usgs.gov>

Any use of trade, product, or firm names is for descriptive purposes only and does not imply endorsement by the U.S. Government.

Although this report is in the public domain, permission must be secured from the individual copyright owners to reproduce any copyrighted materials contained within this report.

Suggested citation:

Thelin, G.P., and Stone, W.W., 2010, Method for estimating annual atrazine use for counties in the conterminous United States, 1992–2007: U.S. Geological Survey Scientific Investigations Report 2010–5034, 129 p.

Foreword

The U.S. Geological Survey (USGS) is committed to providing the Nation with reliable scientific information that helps to enhance and protect the overall quality of life and that facilitates effective management of water, biological, energy, and mineral resources (<http://www.usgs.gov/>). Information on the Nation's water resources is critical to ensuring long-term availability of water that is safe for drinking and recreation and is suitable for industry, irrigation, and fish and wildlife. Population growth and increasing demands for water make the availability of that water, now measured in terms of quantity and quality, even more essential to the long-term sustainability of our communities and ecosystems.

The USGS implemented the National Water-Quality Assessment (NAWQA) Program in 1991 to support national, regional, state, and local information needs and decisions related to water-quality management and policy (<http://water.usgs.gov/nawqa>). The NAWQA Program is designed to answer: What is the quality of our Nation's streams and groundwater? How are conditions changing over time? How do natural features and human activities affect the quality of streams and groundwater, and where are those effects most pronounced? By combining information on water chemistry, physical characteristics, stream habitat, and aquatic life, the NAWQA Program aims to provide science-based insights for current and emerging water issues and priorities. From 1991–2001, the NAWQA Program completed interdisciplinary assessments and established a baseline understanding of water-quality conditions in 51 of the Nation's river basins and aquifers, referred to as Study Units (<http://water.usgs.gov/nawqa/studyu.html>).

National and regional assessments are ongoing in the second decade (2001–2012) of the NAWQA Program as 42 of the 51 Study Units are selectively reassessed. These assessments extend the findings in the Study Units by determining status and trends at sites that have been consistently monitored for more than a decade, and filling critical gaps in characterizing the quality of surface water and groundwater. For example, increased emphasis has been placed on assessing the quality of source water and finished water associated with many of the Nation's largest community water systems. During the second decade, NAWQA is addressing five national priority topics that build an understanding of how natural features and human activities affect water quality, and establish links between sources of contaminants, the transport of those contaminants through the hydrologic system, and the potential effects of contaminants on humans and aquatic ecosystems. Included are studies of the fate of agricultural chemicals, effects of urbanization on stream ecosystems, bioaccumulation of mercury in stream ecosystems, effects of nutrient enrichment on aquatic ecosystems, and transport of contaminants to public-supply wells. In addition, national syntheses of information on pesticides, volatile organic compounds (VOCs), nutrients, trace elements, and aquatic ecology are continuing.

The USGS aims to disseminate credible, timely, and relevant science information to address practical and effective water-resource management and strategies that protect and restore water quality. We hope this NAWQA publication will provide you with insights and information to meet your needs, and will foster increased citizen awareness and involvement in the protection and restoration of our Nation's waters.

The USGS recognizes that a national assessment by a single program cannot address all water-resource issues of interest. External coordination at all levels is critical for cost-effective management, regulation, and conservation of our Nation's water resources. The NAWQA Program, therefore, depends on advice and information from other agencies—Federal, state, regional, interstate, tribal, and local—as well as nongovernmental organizations, industry, academia, and other stakeholder groups. Your assistance and suggestions are greatly appreciated.

Matthew C. Larsen
Associate Director for Water

This page intentionally left blank.

Contents

Abstract.....	1
Introduction	1
Background	2
Purpose and Scope	2
Data Sources	3
Atrazine-Use Data.....	3
Harvested Crop Acreage	4
Geospatial Data.....	5
Method for Estimating Atrazine Use	5
Compilation of Annual Harvested Crop Acreages for each County.....	6
Calculation of Atrazine Application Rates for Crops in CRDs Surveyed by DMRK:	
Surveyed-CRD EPest Rates	6
Estimation of Atrazine Crop Application Rates for Unsurveyed CRDs: Tier 1, Tier 2, and	
Regional EPest Rates.....	7
Application of California DPR–PUR Data.....	7
Results and Discussion.....	9
Comparison of EPest-Use Estimates with Estimates from Other Sources.....	24
Comparison of National Use Estimates	24
Comparison of State Use Estimates	24
Application of County Atrazine-Use Data	26
Summary and Conclusions.....	26
Acknowledgments	27
References Cited.....	27

Figures

Figure 1. Map showing Crop Reporting Districts (CRD), counties, and U.S. Department of Agriculture (USDA) Farm Production Regions	3
Figure 2. Map showing example of a Primary Crop Reporting District (CRD) and surrounding Tier 1 and Tier 2 CRDs	5
Figure 3. Diagram showing summary of the decision process followed to estimate EPest rates and EPest use for unsurveyed Crop Reporting Districts (CRD)	8
Figure 4. Graph showing national use of atrazine on major crops and other crops, 1992–2007	9
Figure 5. Graphs showing distribution of atrazine use by estimation method on all crops, on corn, sorghum, and sugar cane, and on minor crops, 1992–2007	10
Figure 6. Maps showing distribution of atrazine use and the proportion estimated using an unsurveyed Crop Reporting District (CRD) rate, 1992–2007	11
Figure 7. Maps showing distribution of atrazine use on corn and estimates derived from an unsurveyed Crop Reporting District (CRD) rate, 1992–2007	18
Figure 8. Graph showing percentage of atrazine use and acreage estimates derived from interpolated crop acreage, 1992–2007	22
Figure 9. Graphs showing comparison of Census of Agriculture and National Agriculture Statistics Service (NASS) estimates of corn acreage in a county for 1992, 1997, 2002, and 2007	23
Figure 10. Graph showing national atrazine-use estimates for agricultural purposes, 1992–2007	24
Figure 11. Graphs showing comparison of EPest and National Pesticide Use Database (NPUD) and National Agriculture Statistics Service Chemical Use (NASS-CU) estimates of state atrazine use on corn.....	25

Tables

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties	30
Table 2. Relation of Doane Marketing Research-Kynetec (DMRK) crop categories (not including California) to Census of Agriculture and National Agriculture Statistics Service crop categories used in the atrazine-use estimation process	104
Table 3. Mapping of California Department of Pesticide Regulation (DPR) crops to EPest crops and associated 1992 and 2001 National Land Cover Dataset (NLCD) crop categories reported in the county atrazine-use database.....	105

Abbreviations and Acronyms

CRD	Crop Reporting District
DMRK	Doane Marketing Research-Kynetec
DPR-PUR	Department of Pesticide Regulation-Pesticide Use Reporting (California)
FIPS	Federal Information Processing Standards
FSA	Farm Services Administration
EPest use	pesticide use estimates derived from surveyed and EPest rates
EPest rate	crop application rate derived from surveyed-CRD, Tier 1, Tier 2 or regional rates
GIS	Geographic Information System
NASS	National Agriculture Statistics Service
NASS-CU	National Agriculture Statistics Service Chemical Use
NAWQA	National Water Quality Assessment Program
NCFAP	National Center for Food and Agricultural Policy
NPUD	National Pesticide Use Database
TRS	Township, Range, Section
USDA	U.S. Department of Agriculture
USEPA	U.S. Environmental Protection Agency
USGS	U.S. Geological Survey

This page intentionally left blank.

Method for Estimating Annual Atrazine Use for Counties in the Conterminous United States, 1992–2007

By Gail P. Thelin and Wesley W. Stone

Abstract

A method was developed to estimate annual atrazine use during 1992 to 2007 on sixteen crops and four agricultural land uses. For each year, atrazine use was estimated for all counties in the conterminous United States (except California) by combining (1) proprietary data from the Doane Marketing Research-Kynetec (DMRK) AgroTrak database on the mass of atrazine applied to agricultural crops, (2) county harvested crop acreage, by county, from the 1992, 1997, 2002, and 2007 Censuses of Agriculture, and (3) annual harvested crop acreage from National Agriculture Statistics Service (NASS) for non-Census years. DMRK estimates of pesticide use on individual crops were derived from surveys of major field crops and selected specialty crops in multicounty areas referred to as Crop Reporting Districts (CRD). The CRD-level atrazine-use estimates were disaggregated to obtain county-level application rates by dividing the mass (pounds) of pesticides applied to a crop by the acreage of that crop in the CRD to yield a rate per harvested acre. When atrazine-use estimates were not available for a CRD, crop, or year, an estimated rate was developed following a hierarchy of decision rules that checked first for the availability of a crop application rate from surveyed atrazine application rate(s) for adjacent CRDs for a specific year, and second, the rates from surveyed CRDs within for U.S. Department of Agriculture Farm Production Regions for a specific year or multiple years. The estimation method applied linear interpolation to estimate crop acreage for years when harvested acres for a crop and county were not reported in either the Census of Agriculture or the NASS database, but were reported by these data sources for other years for that crop and county. Data for atrazine use for the counties in California was obtained from farmers' reports of pesticide use collected and published by the California Department of Pesticide Regulation-Pesticide Use Reporting (DPR–PUR) because these data are more complete than DMRK survey data. National and state annual atrazine-use totals derived by this method were compared with other

published pesticide-use estimates and were highly correlated. The method developed is designed to be applicable to other pesticides for which there are similar data; however, for some pesticides that are applied to specialty crops, fewer surveys are usually available to estimate application rates and there are a greater number of years with unreported crop acreage, potentially resulting in greater uncertainty in use estimates.

Introduction

An important component of crop management is the application of pesticides to control weeds, insect infestations, plant diseases, and other pests. Pesticides have beneficial effects by improving the quality and yield of crops produced, but also may be transported to surface and groundwater where they may affect water quality adversely. Pesticide concentrations in streams vary widely across the United States and are influenced by many factors, such as the amount and timing of pesticide applications and the natural features of the area where they are applied, including soils, climate, and hydrology. In 1991, the U.S. Geological Survey (USGS) initiated the National Water Quality Assessment (NAWQA) Program to assess the quality of the Nation's surface-water and groundwater resources, including a national assessment of the effects of pesticides on water quality.

Nationally consistent current and historic information on the amount and geographic distribution of pesticide use is essential for designing NAWQA studies, interpreting water-quality data, assessing trends in pesticide use, and developing water-quality models. Readily available public data on pesticide use are incomplete and have coarse geographic and temporal coverage. Information on pesticide use is needed that has sufficient spatial and temporal resolution, as well as complete spatial coverage, in order to support a range of local, regional, and national studies. Methods are needed that enable estimation of pesticide use for areas and time periods that have not been surveyed.

Background

The design of NAWQA national and regional studies is based on an environmental framework, which includes information on soils, hydrology, climate, land use and a variety of human-related attributes, including pesticide use. This framework is used to characterize the environmental setting of study areas and, in relation to pesticides, provides a context in which to explain their occurrence in the hydrologic environment and evaluate the processes that transport pesticides applied on the land surface to water. To date, pesticide-use information included in the NAWQA environmental framework and most interpretive studies has been limited primarily to agricultural uses. Information on agricultural use was developed by combining data on county harvested crop acres with state-level estimates of pesticide-crop application rates that were published in a series of three national pesticide-use databases compiled by the National Center for Food and Agricultural Policy (NCFAP) (Gianessi and Anderson, 1995; Gianessi and Marcelli, 2000) and most recently updated by CropLife Foundation (Gianessi and Reginar, 2006). Each of the three versions of the National Pesticide Use Database (NPUD) was centered on a year of the Census of Agriculture (1992, 1997, and 2002).

The NPUD databases contain state-level pesticide-use information for over 200 pesticides used on 87 agricultural crops, and include state totals of the amounts of pesticides applied (in pounds) and percentage of crop acres treated in each state. These data were compiled from many sources, including the U.S. Department of Agriculture (USDA) Agricultural Chemical Use Database (<http://www.pestmanagement.info/nass/>) for row crops, vegetables, and fruits and nut crops; crop profiles developed by crop specialists and agricultural extension agents; and annual data on pesticide use collected by the California Department of Pesticide Regulation-Pesticide Use Reporting, (DPR–PUR). NPUD estimates of the pounds of pesticides applied and percentage of acres treated were developed from typical application rates reported by the sources noted above. Although each NPUD database is centered on a specific Census year, the pesticide application rates and the state-level estimates are a combination of rates and estimates taken from a 4 to 5 year period. The data are not intended to represent actual pesticide use for a specific year, but instead represent broad use patterns for a multi-year period. For example, state estimates for a specific pesticide and crop in the NPUD 1997 database may include application rates that are based on information from 1997 for some states and 1996 or 1998 for other states. In addition, for some states and crops, the state-level pesticide-use estimates may be imputed from the application rate for a neighboring state(s). The NPUD 1992, 1997, and 2002 databases are publicly available and are comprehensive sources of state-level pesticide-use information for the conterminous United States (<http://cipm.ncsu.edu/croplife/>).

The last NPUD database was published in 2002, and because of the temporal and geographic limitations of NPUD estimates, an alternative source of pesticide-use information was sought that could yield improved spatial resolution on an annual basis. Such data are not available from public sources. Doane Marketing Research-Kynetec (DMRK) is an agricultural marketing research firm that for the past 20 years has conducted annual crop surveys of over twenty-thousand United States farm operations. DMRK markets farm-related data through its proprietary electronic database, AgroTrak. AgroTrak data is used by industry to conduct market research and by private industry and the U.S. Environmental Protection Agency (USEPA) for such purposes as modeling applications and risk assessment. AgroTrak is the only source of annual pesticide-use data that is available for most states and for a large number of active ingredients. Like NPUD, however, these data are limited to agricultural pesticide uses only.

Purpose and Scope

This report describes a new method for developing annual county-level estimates of atrazine use on agricultural crops for all areas of the conterminous United States that had reported crop acreage and that likely (based on reported crops) had applications of atrazine during 1992–2007. The method described for atrazine is a prototype for additional applications to other pesticides. The method uses AgroTrak survey data on pesticide use and Census of Agriculture and NASS data on harvested crop acreages for counties in all conterminous states except California. California DPR–PUR data were used for California counties. To ensure that atrazine use was accounted for in all geographic areas of the conterminous United States, the method derived atrazine crop application rates for CRDs not surveyed by DMRK from adjacent Crop Reporting Districts (CRD) that had been surveyed. CRDs consist of multiple adjacent counties in each state, which were grouped by DMRK to represent similar geography, climate, and cropping practices. Atrazine was selected for method development and demonstration because it is a major agricultural herbicide that has been used in all 48 contiguous states. From 1992 to 2007, atrazine use accounted for almost 10 percent of the total mass of all pesticides used in agriculture. County-level estimates produced by the method were used to produce national and state atrazine-use totals for comparison with other published atrazine-use data. An example application of these data is described that profiles atrazine-use intensity for 1992 through 1999 in selected watersheds.

Data Sources

The method incorporates pesticide-use information and data on harvested crop acreage for each year for counties in the conterminous United States for 1992 through 2007. Pesticide use information came from two sources: (1) AgroTrak annual atrazine-use estimates by CRD for the conterminous United States, except California and, (2) annual reported atrazine-use by Township, Range and Section (TRS) from the DPR–PUR for California. Annual county harvested crop acreages from the Censuses of Agriculture and NASS surveys were used in conjunction with the AgroTrak atrazine-use estimates to calculate estimates of pesticide use by crop and allocate pesticide use estimates to individual counties. Harvested rather than planted acreage was used to estimate atrazine use because the Census of Agriculture reports harvested crop acreage for the crops reported by DMRK, but not planted acres. Although, NASS reports planted and harvested crop acreage, fewer crops are reported and data are not reported for all counties. Finally, GIS coverages of CRD-county boundaries and TRS-county boundaries were used to (1) associate and disaggregate the AgroTrak CRD data to counties, and (2) link and aggregate the DPR–PUR TRS atrazine data to counties. The GIS coverage of CRDs was also

used to produce a table that contained the spatial relationships of CRDs. Each of these data sets is described below.

Atrazine-Use Data

The proprietary DMRK database, AgroTrak, includes pesticide-use estimates for 447 active ingredients collected as part of annual surveys of more than 80 crops, including major field crops, some fruit and specialty crops, and other agricultural land use such as pasture and rangeland. These annual crop surveys are based on a statistical sample of commercial farm operations distributed throughout the geographic area surveyed, which is a CRD or group of CRDs ([fig. 1](#)). A survey was designed for each crop according to the geographic region and size of farm operation. DMRK uses data from the Census of Agriculture on the number and size of farm operations in each state to determine the sampling rate in a state and a CRD. Farm operations included in the survey are selected from lists of agricultural producers compiled by the USDA, agricultural associations, agricultural publications, previous survey participants, and other sources. The DMRK survey design allocates a higher proportion of the sample (farms to be surveyed) to larger farm operations in order to characterize a greater percentage of crop acres and increase

Figure 1. Crop Reporting Districts (CRD), counties, and U.S. Department of Agriculture (USDA) Farm Production Regions.

accuracy. To adjust and correct for possible bias in survey responses, a modified regression weighting method was used which calculates a weighting factor (on the basis of Census of Agriculture data on number and size of farm operations) for each response. This process ensures that the sum of survey responses when expanded to the survey area (the CRD and the state) agree with known crop acreage estimates from the Census of Agriculture or NASS (John Thompson, DMRKynetec, written commun., January 2009).

Prior to entering the survey data collected from farm operations into AgroTrak, the survey responses are reviewed by DMRK and verified for accuracy as part of a data quality check. Data checks include comparing each survey respondent's report of crop application rates, timing, and method of application with the USEPA-approved pesticide application rates that are published in the USEPA's Pesticide Product Label System (<http://www.epa.gov/pesticides/pestlabels/>). Additional checks verify that the amount applied is accurately reported in the survey response by multiplying the reported planted acres by the reported crop application rate to verify if the calculated and reported mass are equal. Data are also compared with patterns of historical use, and when necessary, DMRK contacts the survey respondent to review and verify the data submitted. In some cases, outside industry consultants also review rates and the geographic patterns of use reported.

Pesticide-use data collected by the California Department of Pesticide Regulation (DPR–PUR) (<http://www.cdpr.ca.gov/docs/pur/purmain.htm>) was used instead of AgroTrak data to estimate pesticide use for California because the data are generally considered the most complete and accurate source of pesticide-use information for all areas of the State. DPR instituted a pesticide data collection program in 1990, which requires that all commercial pesticide applications be reported to the agricultural commissioner in the county where the pesticide was applied. For each pesticide applied to a crop, pesticide applicators are required to report the date and time of application, the number of planted and treated acres for the crop, the method and rate of application, and the location of use referenced to township, range and section (TRS). This information is entered into a county-level database which is uploaded and merged into the state electronic DPR–PUR database.

Pesticide-use information from AgroTrak and DPR–PUR were used to estimate county-level atrazine use by crop from 1992 to 2007. Data elements from AgroTrak reports used in this study included surveyed CRD reports on: (1) total pounds of atrazine applied on planted crop acres and (2) the number of planted crop acres. DPR–PUR data included information on the pounds of atrazine applied to individual crops by date and TRS.

Harvested Crop Acreage

The method developed to estimate county atrazine use requires county crop acreage estimates for the crop categories included in the AgroTrak database in order to (1) calculate atrazine-application rates for each harvested crop and CRD surveyed, and (2) estimate county atrazine use for all crops in all counties in the conterminous United States where atrazine was likely used by applying the CRD crop application rate to county-level harvested crop acreage. Harvested crop acreage per county was obtained from two independent USDA sources: Census of Agriculture data from 1992, 1997, 2002, and 2007 (<http://www.agcensus.usda.gov/>), and NASS for non-Census years (http://www.nass.usda.gov/Data_and_Statistics/Quick_Stats/) (U.S. Department of Agriculture, National Agricultural Statistics Service, variously dated).

The Census of Agriculture collects information every five years on land use and ownership, operator characteristics, production practices, income, and other farm-related topics for every farm, ranch and agricultural business that produces or sells \$1,000 or more of agricultural products. The Census is the only source of uniform and comprehensive farm-related data for every county in the United States and is considered a reliable and consistent source of harvested crop acreage data for row crops, specialty crops, fruit and nut crops, fallow land, and pasture.

Although NASS reports acreage for many planted crops, NASS annual crop surveys are not a complete enumeration of farm operations as in the Census of Agriculture, but rather data are collected from a subset of farm operations selected on the basis of a statistically designed survey of major crop production states. NASS does not report crop acreage for all counties in the conterminous United States. NASS county data include estimates of planted and harvested acres for major field crops, including major grains, oilseeds, edible beans, sugar crops, cotton, and tobacco. Other crops for which data are collected include hay, potatoes, minor oil seeds, and fruit crops; the data are not collected directly through NASS surveys, but through cooperative programs with state departments of agriculture and land-grant universities. Although the list of crops that is included in annual NASS surveys is not as extensive as the Census of Agriculture, NASS surveys provide harvested crop acreage data for many of the crops needed to estimate atrazine use for non-Census years. Although for atrazine, as well as many other pesticides, planted crop acreage would probably be the preferred estimate of actual treated acreage, but the sole availability of harvested acreage data in the Census and the high correlation between planted and harvested acreage made it preferable to use harvested acreage as the basis of estimates.

Geospatial Data

A geographic information system (GIS) was used to develop a geospatial coverage of United States CRDs and associated counties so that pesticide-use data in AgroTrak reported by CRD could be spatially allocated to CRDs and counties. There are 304 CRDs in the conterminous United States ([fig. 1](#)). CRDs are similar to NASS Agricultural Statistic Districts (ASD). The geographic attributes used to define the CRDs include soil type, terrain, and elevation and climatic factors, such as mean temperature, annual precipitation, and length of growing season. All of these factors influence the types of crops grown and crop management practices. Most states are divided into nine CRDs; however, some states, such as Massachusetts and New Hampshire, contain only one CRD, while Texas contains 15 CRDs.

A geospatial vector dataset, hereinafter referred to as GIS coverage, of the 304 CRD boundaries was developed in a two step process. First, the CRD codes and related county Federal Information Processing Standard (FIPS) codes given in [table 1](#) (all tables shown in back of report) were joined to a 1:100,000-scale GIS coverage of 2001-defined county boundaries that contained county FIPS codes (JoAnn Gronberg, written commun., June 2008). Next, a GIS function was used to dissolve or eliminate the county boundaries that were inside the CRD boundary. The GIS CRD coverage was used to generate a table that contained the spatial relationship between each of the 304 CRDs (primary) and its surrounding CRDs. Any CRD can be considered a primary or a Tier 1 or a Tier 2 CRD, depending on which CRD is central to the area of interest. For each primary CRD, two concentric rings of CRDs were identified using a GIS proximity mapping function. CRDs that touched the primary CRD were designated as Tier 1 CRDs and CRDs that were outside but touching Tier 1 CRDs were designated as Tier 2 CRDs. [Figure 2](#), for example, shows Primary CRD 20060 (Kansas CRD 60) and the Tier 1 and 2 CRDs that are associated with it. Each of the 304 CRDs were considered primary CRDs and their associated Tier 1 and Tier 2 CRDs were determined and were used to calculate atrazine crop application rates when AgroTrak data were not available for the CRD.

Method for Estimating Atrazine Use

Annual estimates of atrazine use on agricultural land in each county were developed using the best available pesticide-use information and crop data for each individual year, as determined by a hierarchy of decisions. This section describes the method used to develop atrazine crop application rates for DMRK surveyed and unsurveyed CRDs, develop county-level harvested crop acreage for individual crops, and estimate annual atrazine-use by crop and county. The atrazine-use estimates derived using these methods are hereinafter referred to as EPest use estimates, while the crop application rates for

Figure 2. Example of a Primary Crop Reporting District (CRD) and surrounding Tier 1 and Tier 2 CRDs.

harvested acres in surveyed and nonsurveyed CRDs that were developed following this method are hereinafter referred to as EPest rates. The method consists of six steps for counties in all states except for California. (Atrazine-use estimates for California were derived directly from DPR–PUR atrazine-use data and are described later in this report.)

1. Compile annual harvested crop acreage for each county from the Census of Agriculture and NASS for each of the crops for which AgroTrak reported atrazine use during 1992–2007.
2. Sum annual county harvested crop acreage by CRD to produce CRD harvested crop acreage totals.
3. Calculate annual atrazine application rates per harvested acre for each crop in a CRD by dividing the total mass of atrazine for a DMRK-surveyed CRD by the harvested crop acreage total (surveyed-CRD EPest rate).
4. Estimate annual atrazine application rates per harvested acre for CRDs not surveyed by DMRK using rates from adjacent (Tier 1) CRDs (Tier 1 EPest rate), when available, or from CRDs adjacent to Tier 1 CRDs (Tier 2) when Tier 1 data were incomplete (Tier 2 EPest rate).
5. Estimate regional median atrazine application rates per harvested acre for CRDs that were not surveyed by DMRK and that did not have a Tier 1 or Tier 2 crop application rate on the basis of the crop application rates from a USDA Farm Production Region for a specific year or for all years (regional EPest rate).

6. Use the harvested acreages from step 1, the CRD crop acreage totals from (2), and application rates per harvested acre derived from steps 3, 4, or 5 to estimate atrazine use on agricultural land in each county for each year (EPest use).

Compilation of Annual Harvested Crop Acreages for each County

Annual harvested crop acreages were compiled from Census of Agriculture and NASS data for 1992 through 2007. The AgroTrak database included atrazine-use estimates for one or more years for 1992 through 2007 for 58 crops; however, a subset consisting of 16 major and minor crops and four categories of agricultural land uses—including pastureland, summer fallow, lots and farmsteads, and land set aside for conservation reserve programs—were selected and used to develop the atrazine database. Some minor crops were not included in the atrazine database because the amount of acreage for some crops, such as roots and tubers and bulb crops, was small, and compared to the mass applied to the other crops selected, reported atrazine use on these minor crops was insignificant and DMRK estimates were available for only a few years. Atrazine-use estimates were developed for the crops and agricultural land uses listed in [table 2](#).

For Census years, harvested crop acreage data from the 1992, 1997, 2002, and 2007 Census of Agriculture were compiled for these 16 crops and four agricultural land uses. For most crops, the harvested crop acreage for a single crop category was used to calculate the crop application rate. However, for some crops, such as sorghum, the Census reported four categories of sorghum: sorghum for grain, sorghum for silage, sorghum hogged or grazed, and sorghum for syrup. To insure that all crop acres were included when calculating the overall application rate for the crop, the acreage for the four sorghum categories was summed and used to calculate the atrazine-sorghum application rate and estimate county atrazine use on sorghum. [Table 2](#) lists the Census of Agriculture items that were summed to compute harvested crop acreage.

For non-Census years, NASS harvested acreage estimates were compiled for 14 of the major crops included in the NASS county database. NASS county harvested acreage estimates do not necessarily match acreage reported in the Census of Agriculture for the same years because NASS county acreage is based on a sample of growers and statistically derived county totals, whereas the acreage reported in the Census of Agriculture is collected from a complete enumeration of all farms producing the crop. [Table 2](#) lists the NASS crops for which data were retrieved and used to produce harvested crop acreage totals for 1993–1996, 1998–2001, and 2003–2006.

Annual harvested acreage for each crop in each county was estimated by combining data from the Census of Agriculture for Census years with annual NASS survey data for non-Census years. For some years, harvested acres for

a crop and county were not reported in either the Census or NASS annual survey data, but these data sources reported acres for other years for that crop and county. Missing years of data could be due to nondisclosure rules that prohibit publication of data when there are too few reports for a county, or in the case of NASS, when not all the same crops or states are surveyed annually. When acreage was not reported for a crop and county for a specific year (or years), but was reported for that crop and county in another year, linear interpolation between reported years for that crop and county was used to estimate acreage. The method used to fill in missing county harvested acreage requires the assumption that harvested crop acreage estimates based on Census and NASS are comparable.

Following these procedures, county harvested crop acreages were estimated for each of the years 1992 through 2007 for the crops listed in [table 2](#). Annual CRD crop harvested acreage totals were calculated by summing the crop acreage for the counties ([table 1](#)) within each CRD.

Calculation of Atrazine Application Rates for Crops in CRDs Surveyed by DMRK: Surveyed-CRD EPest Rates

CRD crop application rates contained in AgroTrak were not used to estimate county atrazine use because these rates were developed using planted acreage. If applied to harvested crop acreage, these planted-acreage rates would, in most cases, produce total CRD use estimates that are lower than total atrazine use estimates reported in AgroTrak. This underestimation occurs because harvested acreage is typically less than planted acreage. One objective in developing the county atrazine-use database was to ensure that atrazine estimates developed using this method preserved the reported AgroTrak total mass for surveyed CRDs. Therefore, a new EPest rate was developed by dividing the surveyed mass of atrazine applied to the CRD by the harvested crop acreage estimate for the CRD to yield an atrazine application rate per harvested acre.

For each year, a new CRD crop application rate was calculated using harvested crop acreage. In some cases, the new rate was unrealistically high when compared to surveyed rates and atrazine label rates because the harvested acreage was substantially less than the planted acreage. To compensate for the difference in planted and harvested acreage, an adjustment factor was developed that effectively increased the harvested acreage in the CRD to equal the planted acreage reported in AgroTrak. Specifically, a county-CRD weighting factor by crop and year was calculated by determining the percentage of acreage for individual crops that each county contributed to the CRD's total acreage for that crop. When the sum of the harvested crop acreage totals for the counties in the CRD was less than the AgroTrak reported planted acreage, the weighting factor was applied to adjust the harvested crop acreage to the planted acreage total to apportion revised acreage values to the counties that are within the CRD.

The new CRD crop application rate (EPest rate) was then calculated by dividing the AgroTrak report of total pounds of atrazine applied to a crop in a CRD by the revised crop acres in the CRD.

The new surveyed-CRD EPest rates were applied to the crop acreage estimates for the counties within each CRD. This produced county use estimates for all counties and years within surveyed CRDs that had reported atrazine use in the AgroTrak database. However, some CRDs may not have been surveyed by DMRK for a particular year or combination of years, even though atrazine may have been used within those CRDs, thus indirect estimates were required for these CRDs.

Estimation of Atrazine Crop Application Rates for Unsurveyed CRDs: Tier 1, Tier 2, and Regional EPest Rates

A primary objective of this study was to produce estimates of atrazine use on all reported crop acreage in the conterminous United States that likely had applications of atrazine. The AgroTrak database had atrazine survey estimates for as many as 295 of the 304 CRDs contained in the conterminous United States, but not all of these CRDs were surveyed every year between 1992 and 2007, nor was every crop surveyed during this period.

To obtain an EPest rate for the crops in a CRD not surveyed in a given year or years, a hierarchy of decision rules was developed to determine how the rate would be calculated. For a specific year and crop, the decision rules were stepped through as described below and shown in [figure 3](#).

First, it was determined if an EPest rate(s) for a CRD not surveyed during a particular year could be calculated on the basis of EPest rates for that same year from adjacent surveyed CRDs. The proximity table (described in [table 1](#)) includes a list of Tier 1 and Tier 2 CRDs that surrounded the unsurveyed primary CRD (the primary CRD is the CRD for which an EPest rate is to be derived). This list of Tier 1 and Tier 2 CRDs was used to search for surveyed-CRD EPest rate(s) which could be used to estimate atrazine use for this primary CRD. If a surveyed-CRD EPest rate existed in one or more of the Tier 1 CRDs, then the primary CRD adopted the median value of the Tier 1 surveyed-CRD rates (Tier 1 EPest rate). If there were no surveyed-CRD EPest rates for Tier 1 CRD rates, then surveyed-CRD EPest rates from a minimum of three Tier 2 CRDs were required to calculate the Tier 2 EPest rate as the median of qualifying CRDs.

If no Tier 1 or Tier 2 EPest rates were available, but the primary CRD had been surveyed at least once during 1992 through 2007, a regional EPest rate was estimated. To develop regional EPest rates, each CRD was associated with one of the 10 USDA Farm Production Regions ([fig. 1](#)), which are areas that have generally similar conditions affecting crop management, including economics, soils, and climate (U.S. Department of Agriculture, 1998). A regional EPest rate for a particular year and CRD was calculated as the median of the surveyed-CRD, Tier 1, and Tier 2 EPest rates from all of the CRDs in the Farm Production Region. Lastly, if a regional EPest rate could not be calculated for the particular year from Tier 1 or Tier 2 surveyed rates for that year, but the CRD had been surveyed at some point in time, surveyed-CRD, Tier 1, and Tier 2 rates from the entire period 1992–2007 were used to calculate a regional EPest rate (median of all CRD values), which was assigned to that CRD.

Application of California DPR–PUR Data

California PUR data were obtained from DPR (Department of Pesticide Regulation, 2009) for 1992 through 2007 to estimate county atrazine use for California. [Table 3](#) contains a list of the 41 crops that were reported in the DPR–PUR database for one or more years and the 16 crops, reported by AgroTrak for California. Although both DPR–PUR and AgroTrak include estimates for some of the same crops, DPR–PUR included atrazine data for specialty crop categories not included in AgroTrak, such as strawberries, sod, tomatoes, olives, nurseries, and Bermuda grass.

Annual county estimates of atrazine use on individual crops were compiled from DPR–PUR data through a three step process: (1) summing the individual atrazine applications per crop to produce atrazine annual totals for each crop and TRS, (2) summing the atrazine annual totals for all crops in each TRS, and (3) finally summing the total atrazine use for all TRS in each county to produce the total atrazine use by county.

Figure 3. Summary of the decision process followed to estimate E Pest rates and E Pest use for unsurveyed Crop Reporting Districts (CRD). DMRK, Doane Marketing Research-Kynetec.

Results and Discussion

The atrazine-use database produced from the methods described above includes county-level estimates of the mass of atrazine applied to agricultural crops from 1992 through 2007. Annual county estimates of atrazine used on as many as 16 major and minor crops and four agricultural land uses were made for as many as 2,966 counties in one or more years for 1992 through 2007 (fig. 3). Estimates for some crops are not available for every state or year, and estimates for some crops, such as avocados, strawberries, and walnuts, were reported by DPR–PUR and are available for California only. Atrazine-use estimates for individual crops were totaled for each county and year and are available from http://water.usgs.gov/nawqa/pnsp/data/atrazine_use_1992_2007.dat

The total amount of atrazine used annually in the conterminous United States fluctuated between a low of about 66 million pounds in 2006 to a high of about 82 million pounds reported in 1996 (fig. 4). Some of the fluctuation may be related to changes in AgroTrak survey methods over time, in addition to changes in crop acres harvested or application rates. Between 1992 and 1997, DMRK collected data on all crops that were part of a farm operation, but in 1998, DMRK began to survey and collect data for major crops and selected specialty crops across all states so that data for several minor crops were no longer collected. Then in 2005, DMRK further modified their survey design so that major crops and specialty crops were surveyed only in those states that accounted for 80 percent of the national crop acreage as determined from USDA acreage estimates from the previous year. However, for some specialty crops, additional states were surveyed so that more than 80 percent of some specialty crop acres were surveyed.

Figure 4 shows the annual proportional distribution of atrazine use on corn, sorghum, sugar cane, and other crops. The first three are major row crops for which atrazine is most heavily used to control weeds; “other crops” includes fallow, pasture, hay, wheat, and other minor crops. More than 80 percent of the estimated atrazine use was on corn, followed by sorghum, which accounted for about 7 to 10 percent of use, and sugar cane, which accounted for between 1 and 3 percent of atrazine use in the conterminous United States. Atrazine use on other crops accounted for between 1 and 3 percent of total annual use.

Between 96 and 99 percent of the estimated atrazine used on all crops in the conterminous United States each year was accounted for by EPest rates derived from surveyed CRDs

Figure 4. National use of atrazine on major crops and other crops, 1992–2007.

(fig. 5A). Regional EPest-rates calculated across the 16-year period (1992–2007) added approximately 1 to 2 percent to the national total in any given year, and Tier 1 EPest rates added 1 percent or less to the annual national total in most years. Tier 2 EPest rates contributed the least to the national total in any year and California DPR–PUR added a small fraction of a percent, or about 22 to 40 thousand pounds annually to the national total. Most estimates of atrazine used on the major crops corn, sorghum, and sugar cane between 1992 and 2005 were based on surveyed rates; less than 1 percent was derived using EPest rates (fig. 5B). However, in 2006 and 2007, about 1 percent of atrazine use was estimated using Tier 1 or regional EPest rates for a specific year. Extrapolation methods were used more frequently to estimate use on minor crops with 26–63 percent of atrazine use on these crops estimated using Tier 1, Tier 2, or regional EPest rates (fig. 5C). EPest rates for surveyed CRDs were not available for many of the minor crops because most of these crops were not surveyed every year, and some CRDs or crops were surveyed only once during the 16 year period. Of the extrapolation methods used, regional EPest rates calculated from the data for the 16 year period contributed the greatest amount to estimates of atrazine use on minor crops.

Figure 5. Contribution of atrazine use by estimation method (A) on all crops, (B) on corn, sorghum, and sugar cane, and (C) on minor crops, 1992–2007.

National patterns of atrazine-use intensity and the percentage of total county atrazine use derived from Tier 1, Tier 2, or regional E Pest rates are shown for 1992–2007 in [figure 6](#). Atrazine-use intensity expressed as an annual average rate of atrazine use in a county was calculated by dividing the total mass of atrazine applied in each county by the square miles of land in the county. A frequency distribution of county atrazine-use intensity was used to divide the atrazine-use intensity data into five classes (quintiles) so that each class represented 20 percent of the use-intensity values. These five classes were then used to show atrazine-use intensity on agricultural land in each county as determined from a 2001 version of the National Land Cover Dataset (NLCD) ([figure 6](#)). To facilitate comparisons of use patterns across all geographic regions and years, use-intensity intervals shown in [figure 6](#) were based on atrazine use for 1998—the year that had the maximum amount of atrazine used nationally. As these maps show, the greatest concentration of atrazine-use was in the areas where corn and sorghum were the primary crops, including the Corn Belt, parts of the Northeast, the Mid-Atlantic States, and the Texas-New Mexico area. Outside of these areas, atrazine use was also estimated for one or more counties in each state throughout the 16-year period, but the estimates were much lower. Using Tier 1, 2, and regional E Pest rates increased the percentage of counties outside the Corn Belt for which atrazine use could be estimated; 80 percent or more of estimates for counties in some western states were derived from Tier 1, Tier 2 and regional E Pest rates.

Figure 6. Distribution of atrazine use and the proportion estimated using an unsurveyed Crop Reporting District (CRD) rate, 1992–2007.

Figure 6. Continued.

Figure 6. Continued.

Figure 6. Continued.

Figure 6. Continued.

Figure 6. Continued.

The national maps show broad patterns of atrazine use, but do not show differences in use patterns among the crops. The regional patterns in the intensity of atrazine use on corn and the source application rate that was used to estimate county-level atrazine use in 1992, 1997, 2002, and 2007 are shown in [figure 7](#). Within the areas of primary corn cultivation, EPest rates were used almost exclusively. Tier 1, Tier 2, or regional EPest rates were used in areas that have a smaller proportion of the nation's corn acreage and consequently where AgroTrak had fewer crop surveys. Nationally, the mass derived from Tier 1, Tier 2, or regional EPest rates accounted for 1 percent or less of the total use on corn in CRDs not surveyed. However, these rates contributed more than 80 percent of the atrazine total for corn in some states. For example, an EPest rate for corn existed for only one CRD in Nevada in 2001, but atrazine use on corn was estimated in one or more counties every year from 1992 to 2007 on the basis of Tier 1, Tier 2, or regional EPest rates for adjacent areas or years. Similarly, for some years, EPest rates for atrazine on corn were available for only one or two surveyed CRDs in Arizona, Idaho, Montana, Connecticut, Vermont, and Massachusetts, but Tier 1, Tier 2, or regional EPest rates could be calculated and used to estimate atrazine use in all counties in the state that reported corn acreage. The use of Tier 1, Tier 2, or regional EPest rates from another year or multiple years assumes that atrazine application rates are fairly consistent within a localized region.

Comparing the maps of atrazine-use intensity for corn from 1992 to 2007 illustrates the effect of changes in DMRK survey methods ([fig. 7](#)). As mentioned earlier, the survey method was modified in 2005 for major crops and follows an 80–20 rule that targets geographic areas that account for 80 percent of the nation's crop acres and from within these areas 15 to 20 percent of the corn acres are surveyed. The survey results were then expanded to represent the total acres and management practices within a CRD. Implementing the 80–20 rule resulted in eliminating some states from the corn survey that had previously been surveyed, such as Arizona, Florida, and Maine. Unless a Tier 1, Tier 2, or regional rate for the specific year or a regional rate from a different year is available, atrazine use on corn will not be accounted for in such states after 2004. If in a future year corn acreage in the state increases enough to account for 80 percent of national corn acreage, the state can be added back into the AgroTrak survey of corn.

Atrazine use for sorghum production ranked second and equaled about 10 percent of the total atrazine applied to corn. Sorghum is drought tolerant and is not managed as intensively as corn. Most sorghum acreage is located in the High Plains and the Lower Mississippi area where the majority of AgroTrak sorghum surveys were conducted. Sorghum is also grown in several other regions of the country, including the Mid-Atlantic States. Fewer AgroTrak surveys

were done within the Mid-Atlantic States; therefore half of the atrazine use estimated in this region was based on Tier 1, Tier 2, or regional EPest rates. Beginning in 2001, sorghum acreage decreased in the Mid-Atlantic States and consequently fewer AgroTrak surveys were conducted there, so that a larger proportion of atrazine use on sorghum was calculated using EPest rates for unsurveyed CRDs. By 2005, the Mid-Atlantic States were dropped from sorghum surveys because sorghum acreage in these states did not meet the 80-percent criterion for crop acreage. Because crop acreage is one of the major criteria used to allocate AgroTrak crop surveys, changes in crop acreage determine which regions and states are included in a crop survey. In addition, if no Tier 1, Tier 2, or regional EPest rates are available from adjacent states or from other years for a specific crop, atrazine use for that crop cannot be estimated even though the Census or NASS reported crop acreage and atrazine may have been applied. The 80-percent rule guarantees that some portion of the crop acreage in primary production areas will be surveyed, but if the crop is grown outside of the radius of Tiers 1 and 2, or if a CRD has never been surveyed and therefore does not have a rate, then pesticide use for that crop will not be accounted for using the method developed to estimate county-level pesticide use.

The amount of atrazine applied to sugar cane is third highest among the agricultural crops treated with atrazine. AgroTrak reported atrazine use on sugar cane in four states: Florida, Georgia, Louisiana, and Texas. Using DMRK surveyed CRD atrazine-use estimates for sugar cane and harvested crop acreage from the Census and NASS, atrazine application rates for sugar cane were calculated for only 3 of 4 states reported by AgroTrak because county-level sugar cane acreage was not published for Georgia. Some specialty crops, such as sugar cane, may be grown on only a few farms in a county, making it possible to connect a specific farm operation with reported crop acreage. The harvested acres may represent a large portion of the total acres grown for the crop in the CRD, but the harvested acreage may not be reported for some counties and years because of USDA nondisclosure rules that are designed to protect information about individual growers. The potential effect of unreported or nondisclosed county crop acreage is two-fold. First, crop application rates may be unrealistically high if the acreage used to calculate the rate is too low compared to the surveyed acres that AgroTrak estimated or second, as in the case of Georgia, atrazine use for a state or CRD may not be estimated even though AgroTrak reports atrazine use for the specific crop. Our method takes into account the first condition—that of under-reported crop acreage—by adjusting the county harvested acreage used to calculate the rate based on AgroTrak surveyed CRD acreage. If acreage for a crop is not reported at all, however, there is no way to make this adjustment and atrazine use for the crop will not be estimated.

Figure 7. Distribution of atrazine use on corn and estimates derived from an unsurveyed Crop Reporting District (CRD) rate, 1992–2007.

Figure 7. Continued.

Figure 7. Continued.

Figure 7. Continued.

As these examples illustrate, the atrazine-use estimation method developed for this study is dependent on county-level harvested crop acreage reported by the USDA sources, Census or NASS, to calculate a crop application rate and allocate the pesticide mass applied to crop acres in a county reported in AgroTrak. If county harvested acreage is not disclosed by the USDA, the crop application rate calculated may be unrealistically high or AgroTrak pesticide-use reports for a crop cannot be allocated to crop acreage in the county. In order to minimize the effect of unreported crop acreage, county crop acres were estimated for some years by interpolating crop acreage for a missing year by using reported crop acres from other years. The acreage interpolation method accounted for 70 to 79 percent of the acres used to estimate atrazine use in non-Census years and accounted for 4 to 9 percent in Census years (fig. 8). Crops not reported in the NASS county database, such as pasture and summer fallow, accounted for the largest proportion of total acres derived from the interpolation method used for non-Census years. For example, summer fallow acreage during non-Census years was derived solely from interpolating county acreage for Census years. Likewise, as much as 42 percent of the corn acreage and as much as 82 percent of sorghum acreage was interpolated because NASS does not report acreage for all sorghum categories. For example, total sorghum acreage used to develop crop application rates included acreage for all categories of sorghum reported by the Census of Agriculture including sorghum for grain, silage, and syrup; however,

because NASS reports only sorghum for grain acreage, in non-Census years acreage for these subcategories was based on interpolation of Census acres and added to the NASS sorghum acres.

The acreage interpolation method added a much larger portion of the acres for non-Census years than for the Census years (fig. 8). To determine if there was a systematic difference between the Census and NASS, 1992, 1997, 2002, and 2007 county harvested acreage estimates from these sources were compared (fig. 9). Corn for grain was selected for this comparison because about 70 percent of all atrazine is applied to corn acreage and if corn acreage is significantly under or over estimated for a given year, the atrazine application rates for corn will be affected as will the atrazine estimate for the counties. The graphs in figure 9 indicate that county estimates of harvested corn acreage from the two USDA sources are about the same, although there is somewhat more variability in 2007 estimates, particularly for some counties with a large amount of corn acreage. Corn acreage in about 300 counties reported in the Census was not reported by NASS, and conversely, NASS reported acreage for about a dozen counties not reported by the Census. County acreage of corn for grain was not reported by NASS in 1997 or 2002 for Connecticut, Maine, Massachusetts, New Hampshire, and Vermont; the crop acreage in these states from Census years was interpolated to fill in acreage for the counties not reported by NASS.

Figure 8. Percentage of atrazine use and acreage estimates derived from interpolated crop acreage, 1992–2007.

Figure 9. Comparison of Census of Agriculture and National Agriculture Statistics Service (NASS) estimates of corn acreage in a county for 1992, 1997, 2002, and 2007.

Comparison of EPest-Use Estimates with Estimates from Other Sources

Atrazine-use estimates produced by the method described in this report were compared with data from other available sources in order to evaluate the reasonableness of the EPest-use estimates. Data were collected from: (1) USDA's Agricultural Resource Management Survey (ARMS) and published in the NASS Chemical Use Database at (http://www.pestmanagement.info/nass/app_usage.cfm), (2) county-level estimates developed by Thelin and Gianessi (2000) using NPUD state data, and (3) USEPA estimates for atrazine use in the agricultural market sector (Kiely and others, 2004).

Since 1991, ARMS has collected information on agricultural practices, including chemical and fertilizer use, through annual statistical surveys of major field crops and fruit, nut, and vegetable crops. NASS does not survey the same states or crops every year, but instead rotates crops and states in and out of the survey on the basis of a number of criteria, including the proportion of national acreage the state represents and the geography represented. The survey is based on a statistical sample of all farm and ranch operations in the conterminous 48 states that have an annual income of \$1,000 or more and is conducted by personal interview. The resulting data are publicly available and are an important benchmark to compare against. Hereinafter, data from the USDA Chemical Use Database will be referred to as NASS-CU.

NPUD atrazine estimates were produced by applying NPUD state chemical application rates to county harvested crop acreage and adding the county estimates for each conterminous state and then summing the state totals to produce a total for the conterminous United States. USEPA estimates of atrazine use were compiled from a variety of public and proprietary information sources and are reported as low to high ranges of pounds used in the agricultural sector.

Comparison of National Use Estimates

Annual national atrazine-use estimates for agriculture from the EPest county database, AgroTrak, NPUD, and USEPA are compared in [figure 10](#). National totals compared were derived for EPest and NPUD by summing the county estimates, NASS-CU annual estimates were published as the total pounds per year for 'All Program States'; and the USEPA estimates were reported as a low to high range of atrazine pounds. EPest national totals were higher than NPUD totals by about 14 percent in 1992, 4 percent in 1997, and 3 percent in 2002. EPest totals and USEPA estimates were compared for 11 years and EPest estimates were about in the middle of the low and high range of atrazine estimates reported by USEPA except in 2003, when the EPest total was about 3 percent higher than the USEPA high estimate. The NASS-CU national totals represent only the amount of atrazine used on the crops and states surveyed in a specific year, so these totals cannot be compared to the total atrazine use estimated by other methods.

Because of the NASS rotational survey method, the NASS-CU values for each year are not intended to be national totals and it is expected that the NASS-CU total would be lower than the other sources compared. In addition, atrazine estimates could not be compared for every year because, at the time of this report, NASS-CU national estimates were not available for 2005 and 2007.

Comparison of State Use Estimates

EPest estimates were also compared with state-level estimates from NASS-CU and NPUD. In addition to showing variability of estimates at this smaller scale, this approach allowed direct comparison with NASS-CU estimates for specific states and years surveyed. EPest state estimates for atrazine use on corn were compared with state estimates from (1) NASS-CU and NPUD data for Census years 1992, 1997, and 2002; and (2) NASS-CU data for non-Census years. This comparison focused on atrazine use on corn because of the

Figure 10. National atrazine-use estimates for agricultural purposes, 1992–2007. Data from EPest, Doane Marketing Research-Kynetec (DMRK), National Agriculture Statistics Service Chemical Use (NASS-CU), National Pesticide Use Database (NPUD), and U.S. Environmental Protection Agency (USEPA) ..

limited availability of NASS-CU data for atrazine use in all states and on all the crops surveyed by DMRK and included in the county database. EPest and NPUD annual state totals were derived by summing county-level atrazine estimates for corn to the state-level and NASS-CU state totals that were retrieved from <http://www.pestmanagement.info/nass/app-usage.cfm>. The state comparisons for Census years were based on NPUD data for 48 states in 1992 and 1997 and 47 states in 2002 and on published NASS-CU state data for 17 states in 1992, 10 states in 1997, and 7 states in 2002.

The state-by-state comparisons for Census years show good agreement between EPest estimates and both NPUD (fig. 11A) and NASS (fig. 11B), although EPest state totals tend to be slightly greater. The NPUD and EPest estimates were highly correlated ($R^2 = 0.99$) with a slope close to 1 ($y = 0.97x - 45,829$). NASS-CU and EPest estimates had a similar correlation ($R^2 = 0.98$), but a lower slope ($y = 0.89x + 42,377$), indicating the tendency of EPest estimates to be higher than NASS-CU estimates for most states. There were some states, such as Nevada, New Hampshire, and Montana, for which NPUD estimates were higher for corn than EPest estimates, and in many of these cases, EPest estimates for these states were based on unsurveyed rates. NASS-CU and EPest state comparisons for Census years also showed that EPest atrazine totals tended to be greater than NASS-CU totals for most of the years compared, including estimates for

major corn producing states, such as Indiana and Iowa, which differed by about 15 percent. However, three states (Michigan, North Dakota, and South Dakota) had NASS-CU atrazine estimates that were 10 percent or more greater than the EPest estimate. In non-Census years, EPest and NASS-CU estimates also had good agreement ($R^2 = 0.95$); these comparisons were based on as few as 3 states in 2000 and as many as 19 states in 2001 and 2005 (not shown).

Differences in geographic and temporal coverage and methods used to collect pesticide use information are factors that contribute to the variation in atrazine estimates for corn from the three datasets compared. Both NASS and EPest data are based on statistical surveys which are selective by their design and dependent on sampling density to produce statistically reliable estimates for states and the nation. EPest and NASS-CU data are highly correlated when compared state-by-state for the same years; however, because of the constraints of NASS sample design, atrazine use on corn could not be compared for all states that had an EPest estimate. Although NPUD data are derived from NASS survey data for multiple years, NPUD also incorporates information from chemical use specialists and when necessary, uses application rates imputed from neighboring states to produce a more complete set of chemical application rates for the conterminous United States.

Figure 11. Comparison of EPest and (A) National Pesticide Use Database (NPUD) and (B) National Agriculture Statistics Service Chemical Use (NASS-CU) estimates of state atrazine use on corn.

Application of County Atrazine-Use Data

For U.S. Geological Survey water-quality studies, a primary application of atrazine-use estimates produced in this study is as an explanatory variable in regression models developed to predict atrazine concentrations in streams by using watershed characteristics. The Watershed Regressions for Pesticides (WARP) model developed using watershed atrazine-use estimates from NPUD data (Larson and others, 2004) indicated that pesticide use in a watershed was the most influential variable for predicting atrazine concentrations in a stream. An updated WARP model (Stone, and Gilliom, 2009) was developed that incorporates annual concentration statistics, and annual use estimates for watersheds using EPest 1992–1999 county-level atrazine data.

Annual atrazine use was estimated from EPest county atrazine-use data for 112 watershed between 1992 through 1999 and used as input to the updated WARP model following the method described by Nakagaki and Wolock (2005). This method included the development of a basin land-cover-county weighting factor that was produced through a series of GIS processes in which GIS coverages of county boundaries and basin boundaries were intersected with an enhanced version of the 1992 National Land Cover Dataset (NLCD 1992) (Nakagaki and others, 2007) in order to determine: (1) the counties that were entirely or partially contained in each of the 112 watersheds, and (2) the percentage of three types of NLCD agricultural land cover (row crops/grains/fallow, orchards/vineyards, and pasture/hay) within each of the counties in the watershed. The weighting factors were used to allocate county-level pesticide use by crop to the three land-cover classes. The watershed use-intensity estimate, expressed in kilograms of atrazine applied to watershed area (km^2), was calculated by summing the pesticide use estimates for the counties entirely and partially contained in the watershed and dividing the total mass by the watershed area. Atrazine use-intensity estimates for the 112 watersheds used in WARP model development were calculated using EPest 1992 through 1999 atrazine-use estimates and 1992 NLCD land-cover data and are included in [appendix table A-1](#).

As described above, land-cover information is a key component of the method used to estimate agricultural atrazine use in a watershed. Although this step in the process does not affect estimated use contributions from counties that are entirely within a watershed, this information is used to allocate a portion of a county's use to a watershed for any county that is not entirely in the watershed. To date, the 1992 version of NLCD agricultural land-cover data has been used to allocate NPUD and EPest county-level pesticide-use estimates to a watershed. An updated version of the NLCD dataset has been developed by using data centered on the year 2001; it provides updated information on the spatial distribution and area of various land-cover classes across the conterminous United States. Although the 2001 NLCD (Homer and others, 2004)

data were produced using data sources and methods similar to the 1992 NLCD data, two slightly different classification systems were used to map land-cover. The 1992 NLCD dataset identifies five agricultural land-cover classes (pasture/hay, row crops, small grains, fallow, and orchards and vineyards), whereas the 2001 NLCD dataset identifies two broad agricultural classes (pasture/hay and cultivated crops that includes orchards and vineyards). A cross-walk ([table 3](#)) between the specific crops contained in the EPest county-atrazine database and the 1992 and 2001 NLCD agricultural land-cover classes was used to select and sum atrazine use for specific crops and associate them with the appropriate 1992 or 2001 agricultural land-cover class.

The 1992 and 2001 NLCD datasets provide information on the amount and spatial distribution of land-cover across almost a decade, and provide a framework to which the EPest multi-year atrazine-use data can be linked and to improve the characterization of agricultural pesticide use over time. For studies evaluating pesticide use trends that span the range of years for 1992 through 2007, it may be appropriate to (1) generalize the 1992 NLCD land-cover data to make it comparable with the 2001 NLCD by combining orchards and vineyards, small grains and fallow with the row crop category and (2) associate 1992–1997 EPest county pesticide use data with the general 1992 NLCD land-cover data and 1998–2007 EPest county pesticide use with the 2001 NLCD data. This break-point was selected because beginning in 1998 AgroTrak data collection methods changed and the 2001 NLCD data includes some data collected in the late 1990s. However, for studies where improved land-cover information is available, these break points may not be appropriate.

Summary and Conclusions

A method was developed to estimate annual atrazine use on agricultural crops for all counties in the conterminous United States from 1992 to 2007. For all conterminous states, except California, atrazine crop application rates were developed on the basis of atrazine-use estimates for Crop Reporting Districts (CRD) included in the proprietary AgroTrak database developed by Doane Marketing Research-Kynetec (DMRK), and from publicly available data for annual county harvested crop acreage reported by the U.S. Department of Agriculture. To calculate atrazine crop-application rates for the CRDs surveyed by DMRK, harvested acreage rather than planted acreage was used because the USDA reports county harvested acreage for almost all agricultural crops, whereas planted acreage is reported for only a subset of these crops. The atrazine crop-application rate was developed by dividing the DMRK-AgroTrak estimate of the mass of atrazine applied to a crop in the CRD by the harvested acreage for that crop in the CRD. The DMRK-AgroTrak

database included atrazine-use data for most CRDs in the conterminous United States for most years between 1992 and 2007. If atrazine-use data were not available for a CRD and crop for which USDA reported harvested acreage, an atrazine crop application rate (EPest rate) for that crop and year was estimated on the basis of rates determined through proximity analysis of surrounding CRDs. A hierarchy of decision rules was followed to develop a rate for the crop and year for the CRD without a rate. These rules included (1) calculating a Tier 1 rate on the basis of the median rates of the DMRK surveyed rate(s) for the CRDs adjacent to the primary CRD or (2) if a Tier 1 rate was not available, calculating a Tier 2 rate using the median rate derived from a minimum of three DMRK surveyed CRDs adjacent to the Tier 1 CRDs, or (3) calculating the median of DMRK surveyed rates, Tier 1, or Tier 2 EPest rates from the CRDs that were part of the same USDA Farm Production Region, and lastly, (4) calculating a median crop application rate using available surveyed CRD rates from DMRK, and, or Tier 1, and Tier 2 CRDS that are part of the same USDA Farm Production Region for any year(s) between 1992 and 2007. CRD crop application rates were then applied to county harvested-acreage values to estimate county atrazine use by crop, except in California, where county use was estimated directly from pesticide applicators usage reports.

Total atrazine use derived from unsurveyed Tier 1, Tier 2, or regional EPest rates contributed 2 percent or less to the national atrazine total estimates in any year; however, the method described above did not cover crops for years when harvested acres for a crop and county were not reported in the Census of Agriculture or NASS. Atrazine use in unsurveyed CRDS was important for some crops, particularly outside of the primary production areas of a crop and consequently where there were fewer DMRK-AgroTrak surveys.

To ensure that all crop acres were included in the development of crop application rates and that atrazine use on all crop acres in a county for all years was accounted for, the method developed in this study used linear interpolation to estimate acreage, for a crop that was not reported, by using data on acreage that was reported for another year. Crop acreage added by the interpolation method increased the estimated national acreage for all crops by less than 20 percent. The acreage interpolation method was used most often to estimate county crop acreage in non-Census years for minor crops not reported by NASS, and less often to estimate acreage for major crops in years when NASS did not conduct a crop survey in a state.

EPest estimates of annual total atrazine use for the conterminous United States were compared with published data from USEPA, NPUD and NASS-CU. EPest totals agreed well with NPUD and USEPA estimates of total agricultural atrazine use, and were consistently higher than estimates reported by NASS, between 1992 and 2004 for selected crops and states. State-level atrazine use on corn was limited to comparisons between EPest and NPUD and EPest and NASS-CU. Atrazine-use estimates from EPest and NASS were

compared for as few as seven states and as many as 48 states when comparing EPest and NPUD data. EPest, NPUD, and NASS estimates were highly correlated, although EPest estimates tended to be slightly higher than those from NASS.

This study used the herbicide atrazine for method development and testing because of the availability of extensive temporal and geographic data on atrazine use between 1992 and 2007. Tier 1, Tier 2, and regional EPest rates for unsurveyed CRDs enable estimation of atrazine use for all counties that reported harvested acreage of the crops on which atrazine was applied. Applying Tier 1, Tier 2 and regional EPest rates to counties in unsurveyed CRDs ensures that atrazine use is accounted for in areas of the country that have few DMRK-AgroTrak surveys. The method developed in this study should be applicable to pesticides included in DMRK-AgroTrak that have widespread use and relatively consistent usage patterns. However, the method will most likely need to be adjusted for insecticides and fungicides that do not have consistent geographic and temporal usage patterns and for pesticides that are primarily applied to specialty crops. In these cases, pesticide use estimated on the basis of Tier 1, Tier 2 or regional rates and interpolated crop acreage may represent a larger proportion of the estimated use, resulting in greater uncertainty in use estimates.

Acknowledgments

The authors would like to thank Hylon Kauffman, Cliff Schasch, and John Thompson of DMRKynetec for their technical support and useful discussions that have provided a better understanding of the data, collection methods, and extrapolation procedures used in the development of AgroTrak. The authors would also like to acknowledge the GIS expertise of Naomi Nakagaki of the USGS, who developed the table of CRD relationships used to develop application rates for non-surveyed CRDs. The authors thank Bill Battaglin and Nancy Baker for their valuable comments during the USGS review process.

References Cited

- California Department of Pesticide Regulation, 2009, California Pesticide Information Portal (CALPIP), accessed on July 8, 2009, at <http://www.cdpr.ca.gov/docs/pur/purmain.htm>
- Gianessi, L.P., and Anderson, J.E., 1995, Pesticide use in U.S. crop production —National summary report: Washington, D.C., National Center for Food and Agricultural Policy, 280 p.

- Gianessi, L.P., and Marcelli M.B., 2000, Pesticide use in U.S. crop production: 1997—National summary report: Washington, D.C., National Center for Food and Agricultural Policy, variously paged. Available at <http://www.croplifefoundation.org/Documents/PUD/1997%20PUD%20National%20Summary.pdf>
- Gianessi, L.P., and Reigner, N., 2006, Pesticide use in U.S. crop production: 2002—Insecticides & other pesticides: Washington, D.C., CropLife Foundation, 34 p. Available at <http://www.croplifefoundation.org/Documents/PUD/NPUD%202002/Inst%20and%20OP%20Data%20Report.pdf>
- Homer, Collin, Huang, Chengquan, Yang, Limin, Wylie, Bruce, and Coan, Michael, 2004, Development of a 2001 national land-cover database for the United States: Photogrammetric Engineering and Remote Sensing, v. 70, no. 7, p. 829–840. Available at http://www.mrlc.gov/pdf/July_PERS.pdf
- Kiely, T., Donaldson, D., and Grube, A., 2004, Pesticides industry sales and usage—2000 and 2001 market estimates: U.S. Environmental Protection Agency, Office of Prevention, Pesticides, and Toxic Substances, EPA-733-R-04-001, 33 p.
- Larson, S.J., Crawford, C.G., and Gilliom, R.J., 2004, Development and application of watershed regressions for pesticides (WARP) for estimating atrazine concentration distributions in streams: U.S. Geological Survey Water-Resource Investigations Report 3–4047, 68 p.
- Nakagaki, Naomi, Price, C.P., Falcone, J.A., Hitt, K.J., and Ruddy, B.C., 2007, Enhanced national land cover data 1992 (NLCDe 92), version 1.0, [digital map], accessed December 1, 2007, at <http://water.usgs.gov/lookup/getspatial?nlcde92>
- Nakagaki, Naomi, and Wolock, D.M., 2005, Estimation of agricultural pesticide use in drainage basins using land cover maps and county pesticide data: U.S. Geological Survey Open File Report 2005–1188, 46 p.
- Stone, W.W., and Gilliom, R.J., 2009, Update of watershed regressions for pesticides (WARP) for predicting atrazine concentration in streams: U.S. Geological Survey Open-File Report 2009–1122, 22 p.
- Thelin, G.P., and Gianessi, L.P., 2000, Method for estimating pesticide use for county areas of the United States: U.S. Geological Survey Open-File Report 2000–25, 62 p.
- U.S. Department of Agriculture, 1998, Agriculture fact book 1998, accessed December 18, 2008, at <http://www.usda.gov/news/pubs/fbook98/content.htm>
- U.S. Department of Agriculture, 2009, Census of Agriculture, accessed January 7, 2009 at <http://www.agcensus.usda.gov/>
- U.S. Department of Agriculture, 2009, National Agricultural Statistics Service (NASS). Agricultural chemical use database, accessed January 7, 2009, at <http://www.pestmanagement.info/nass/>
- U.S. Department of Agriculture, 2009, National Agricultural Statistics Service (NASS). Quick Stats, U.S. & All States County Data- Crops., accessed January 7, 2009 at http://www.nass.usda.gov/Data_and_Statistics/Quick_Stats/index.asp
- U.S. Environmental Protection Agency, 2009, Pesticide Product Label System (PPLS), accessed on July 8, 2009, at <http://www.epa.gov/pesticides/pestlabels/>

Tables

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Alabama	Alabama CRD 40	1040	Autauga	1001	Southeast
Alabama	Alabama CRD 50	1050	Baldwin	1003	Southeast
Alabama	Alabama CRD 60	1060	Barbour	1005	Southeast
Alabama	Alabama CRD 30	1030	Bibb	1007	Southeast
Alabama	Alabama CRD 20	1020	Blount	1009	Southeast
Alabama	Alabama CRD 40	1040	Bullock	1011	Southeast
Alabama	Alabama CRD 50	1050	Butler	1013	Southeast
Alabama	Alabama CRD 20	1020	Calhoun	1015	Southeast
Alabama	Alabama CRD 30	1030	Chambers	1017	Southeast
Alabama	Alabama CRD 20	1020	Cherokee	1019	Southeast
Alabama	Alabama CRD 30	1030	Chilton	1021	Southeast
Alabama	Alabama CRD 50	1050	Choctaw	1023	Southeast
Alabama	Alabama CRD 50	1050	Clarke	1025	Southeast
Alabama	Alabama CRD 30	1030	Clay	1027	Southeast
Alabama	Alabama CRD 20	1020	Cleburne	1029	Southeast
Alabama	Alabama CRD 60	1060	Coffee	1031	Southeast
Alabama	Alabama CRD 10	1010	Colbert	1033	Southeast
Alabama	Alabama CRD 50	1050	Conecuh	1035	Southeast
Alabama	Alabama CRD 30	1030	Coosa	1037	Southeast
Alabama	Alabama CRD 60	1060	Covington	1039	Southeast
Alabama	Alabama CRD 60	1060	Crenshaw	1041	Southeast
Alabama	Alabama CRD 20	1020	Cullman	1043	Southeast
Alabama	Alabama CRD 60	1060	Dale	1045	Southeast
Alabama	Alabama CRD 40	1040	Dallas	1047	Southeast
Alabama	Alabama CRD 20	1020	De Kalb	1049	Southeast
Alabama	Alabama CRD 40	1040	Elmore	1051	Southeast
Alabama	Alabama CRD 50	1050	Escambia	1053	Southeast
Alabama	Alabama CRD 20	1020	Etowah	1055	Southeast
Alabama	Alabama CRD 30	1030	Fayette	1057	Southeast
Alabama	Alabama CRD 10	1010	Franklin	1059	Southeast
Alabama	Alabama CRD 60	1060	Geneva	1061	Southeast
Alabama	Alabama CRD 40	1040	Greene	1063	Southeast
Alabama	Alabama CRD 40	1040	Hale	1065	Southeast
Alabama	Alabama CRD 60	1060	Henry	1067	Southeast
Alabama	Alabama CRD 60	1060	Houston	1069	Southeast
Alabama	Alabama CRD 20	1020	Jackson	1071	Southeast
Alabama	Alabama CRD 30	1030	Jefferson	1073	Southeast
Alabama	Alabama CRD 30	1030	Lamar	1075	Southeast
Alabama	Alabama CRD 10	1010	Lauderdale	1077	Southeast
Alabama	Alabama CRD 10	1010	Lawrence	1079	Southeast
Alabama	Alabama CRD 30	1030	Lee	1081	Southeast
Alabama	Alabama CRD 10	1010	Limestone	1083	Southeast

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Alabama	Alabama CRD 40	1040	Lowndes	1085	Southeast
Alabama	Alabama CRD 40	1040	Macon	1087	Southeast
Alabama	Alabama CRD 10	1010	Madison	1089	Southeast
Alabama	Alabama CRD 40	1040	Marengo	1091	Southeast
Alabama	Alabama CRD 10	1010	Marion	1093	Southeast
Alabama	Alabama CRD 20	1020	Marshall	1095	Southeast
Alabama	Alabama CRD 50	1050	Mobile	1097	Southeast
Alabama	Alabama CRD 50	1050	Monroe	1099	Southeast
Alabama	Alabama CRD 40	1040	Montgomery	1101	Southeast
Alabama	Alabama CRD 10	1010	Morgan	1103	Southeast
Alabama	Alabama CRD 40	1040	Perry	1105	Southeast
Alabama	Alabama CRD 30	1030	Pickens	1107	Southeast
Alabama	Alabama CRD 60	1060	Pike	1109	Southeast
Alabama	Alabama CRD 30	1030	Randolph	1111	Southeast
Alabama	Alabama CRD 60	1060	Russell	1113	Southeast
Alabama	Alabama CRD 20	1020	St. Clair	1115	Southeast
Alabama	Alabama CRD 30	1030	Shelby	1117	Southeast
Alabama	Alabama CRD 40	1040	Sumter	1119	Southeast
Alabama	Alabama CRD 30	1030	Talladega	1121	Southeast
Alabama	Alabama CRD 30	1030	Tallapoosa	1123	Southeast
Alabama	Alabama CRD 30	1030	Tuscaloosa	1125	Southeast
Alabama	Alabama CRD 30	1030	Walker	1127	Southeast
Alabama	Alabama CRD 50	1050	Washington	1129	Southeast
Alabama	Alabama CRD 50	1050	Wilcox	1131	Southeast
Alabama	Alabama CRD 10	1010	Winston	1133	Southeast
Arizona	Arizona CRD 10	4010	Yavapai	4025	Mountain
Arizona	Arizona CRD 10	4010	Mohave	4015	Mountain
Arizona	Arizona CRD 10	4010	Navajo	4017	Mountain
Arizona	Arizona CRD 10	4010	Gila	4007	Mountain
Arizona	Arizona CRD 10	4010	Apache	4001	Mountain
Arizona	Arizona CRD 10	4010	Coconino	4005	Mountain
Arizona	Arizona CRD 80	4080	Yuma	4027	Mountain
Arizona	Arizona CRD 80	4080	Pima	4019	Mountain
Arizona	Arizona CRD 80	4080	Santa Cruz	4023	Mountain
Arizona	Arizona CRD 80	4080	Pinal	4021	Mountain
Arizona	Arizona CRD 80	4080	Graham	4009	Mountain
Arizona	Arizona CRD 80	4080	Cochise	4003	Mountain
Arizona	Arizona CRD 80	4080	Greenlee	4011	Mountain
Arizona	Arizona CRD 80	4080	Maricopa	4013	Mountain
Arizona	Arizona CRD 80	4080	La Paz	4012	Mountain
Arkansas	Arkansas CRD 60	5060	Arkansas	5001	Delta
Arkansas	Arkansas CRD 90	5090	Ashley	5003	Delta

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Arkansas	Arkansas CRD 20	5020	Baxter	5005	Delta
Arkansas	Arkansas CRD 10	5010	Benton	5007	Delta
Arkansas	Arkansas CRD 10	5010	Boone	5009	Delta
Arkansas	Arkansas CRD 80	5080	Bradley	5011	Delta
Arkansas	Arkansas CRD 80	5080	Calhoun	5013	Delta
Arkansas	Arkansas CRD 10	5010	Carroll	5015	Delta
Arkansas	Arkansas CRD 90	5090	Chicot	5017	Delta
Arkansas	Arkansas CRD 80	5080	Clark	5019	Delta
Arkansas	Arkansas CRD 30	5030	Clay	5021	Delta
Arkansas	Arkansas CRD 20	5020	Cleburne	5023	Delta
Arkansas	Arkansas CRD 80	5080	Cleveland	5025	Delta
Arkansas	Arkansas CRD 80	5080	Columbia	5027	Delta
Arkansas	Arkansas CRD 50	5050	Conway	5029	Delta
Arkansas	Arkansas CRD 30	5030	Craighead	5031	Delta
Arkansas	Arkansas CRD 40	5040	Crawford	5033	Delta
Arkansas	Arkansas CRD 60	5060	Crittenden	5035	Delta
Arkansas	Arkansas CRD 60	5060	Cross	5037	Delta
Arkansas	Arkansas CRD 80	5080	Dallas	5039	Delta
Arkansas	Arkansas CRD 90	5090	Desha	5041	Delta
Arkansas	Arkansas CRD 90	5090	Drew	5043	Delta
Arkansas	Arkansas CRD 50	5050	Faulkner	5045	Delta
Arkansas	Arkansas CRD 40	5040	Franklin	5047	Delta
Arkansas	Arkansas CRD 20	5020	Fulton	5049	Delta
Arkansas	Arkansas CRD 50	5050	Garland	5051	Delta
Arkansas	Arkansas CRD 50	5050	Grant	5053	Delta
Arkansas	Arkansas CRD 30	5030	Greene	5055	Delta
Arkansas	Arkansas CRD 70	5070	Hempstead	5057	Delta
Arkansas	Arkansas CRD 50	5050	Hot Spring	5059	Delta
Arkansas	Arkansas CRD 70	5070	Howard	5061	Delta
Arkansas	Arkansas CRD 30	5030	Independence	5063	Delta
Arkansas	Arkansas CRD 20	5020	Izard	5065	Delta
Arkansas	Arkansas CRD 30	5030	Jackson	5067	Delta
Arkansas	Arkansas CRD 90	5090	Jefferson	5069	Delta
Arkansas	Arkansas CRD 40	5040	Johnson	5071	Delta
Arkansas	Arkansas CRD 70	5070	Lafayette	5073	Delta
Arkansas	Arkansas CRD 30	5030	Lawrence	5075	Delta
Arkansas	Arkansas CRD 60	5060	Lee	5077	Delta
Arkansas	Arkansas CRD 90	5090	Lincoln	5079	Delta
Arkansas	Arkansas CRD 70	5070	Little River	5081	Delta
Arkansas	Arkansas CRD 40	5040	Logan	5083	Delta
Arkansas	Arkansas CRD 60	5060	Lonoke	5085	Delta
Arkansas	Arkansas CRD 10	5010	Madison	5087	Delta

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Arkansas	Arkansas CRD 20	5020	Marion	5089	Delta
Arkansas	Arkansas CRD 70	5070	Miller	5091	Delta
Arkansas	Arkansas CRD 30	5030	Mississippi	5093	Delta
Arkansas	Arkansas CRD 60	5060	Monroe	5095	Delta
Arkansas	Arkansas CRD 70	5070	Montgomery	5097	Delta
Arkansas	Arkansas CRD 80	5080	Nevada	5099	Delta
Arkansas	Arkansas CRD 10	5010	Newton	5101	Delta
Arkansas	Arkansas CRD 80	5080	Ouachita	5103	Delta
Arkansas	Arkansas CRD 50	5050	Perry	5105	Delta
Arkansas	Arkansas CRD 60	5060	Phillips	5107	Delta
Arkansas	Arkansas CRD 70	5070	Pike	5109	Delta
Arkansas	Arkansas CRD 30	5030	Poinsett	5111	Delta
Arkansas	Arkansas CRD 40	5040	Polk	5113	Delta
Arkansas	Arkansas CRD 40	5040	Pope	5115	Delta
Arkansas	Arkansas CRD 60	5060	Prairie	5117	Delta
Arkansas	Arkansas CRD 50	5050	Pulaski	5119	Delta
Arkansas	Arkansas CRD 30	5030	Randolph	5121	Delta
Arkansas	Arkansas CRD 60	5060	St. Francis	5123	Delta
Arkansas	Arkansas CRD 50	5050	Saline	5125	Delta
Arkansas	Arkansas CRD 40	5040	Scott	5127	Delta
Arkansas	Arkansas CRD 20	5020	Searcy	5129	Delta
Arkansas	Arkansas CRD 40	5040	Sebastian	5131	Delta
Arkansas	Arkansas CRD 70	5070	Sevier	5133	Delta
Arkansas	Arkansas CRD 20	5020	Sharp	5135	Delta
Arkansas	Arkansas CRD 20	5020	Stone	5137	Delta
Arkansas	Arkansas CRD 80	5080	Union	5139	Delta
Arkansas	Arkansas CRD 20	5020	Van Buren	5141	Delta
Arkansas	Arkansas CRD 10	5010	Washington	5143	Delta
Arkansas	Arkansas CRD 30	5030	White	5145	Delta
Arkansas	Arkansas CRD 60	5060	Woodruff	5147	Delta
Arkansas	Arkansas CRD 40	5040	Yell	5149	Delta
California	California CRD 40	6040	Alameda	6001	Pacific
California	California CRD 60	6060	Alpine	6003	Pacific
California	California CRD 60	6060	Amador	6005	Pacific
California	California CRD 50	6050	Butte	6007	Pacific
California	California CRD 60	6060	Calaveras	6009	Pacific
California	California CRD 50	6050	Colusa	6011	Pacific
California	California CRD 40	6040	Contra Costa	6013	Pacific
California	California CRD 10	6010	Del Norte	6015	Pacific
California	California CRD 60	6060	El Dorado	6017	Pacific
California	California CRD 51	6051	Fresno	6019	Pacific
California	California CRD 50	6050	Glenn	6021	Pacific

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
California	California CRD 10	6010	Humboldt	6023	Pacific
California	California CRD 80	6080	Imperial	6025	Pacific
California	California CRD 60	6060	Inyo	6027	Pacific
California	California CRD 51	6051	Kern	6029	Pacific
California	California CRD 51	6051	Kings	6031	Pacific
California	California CRD 40	6040	Lake	6033	Pacific
California	California CRD 30	6030	Lassen	6035	Pacific
California	California CRD 80	6080	Los Angeles	6037	Pacific
California	California CRD 51	6051	Madera	6039	Pacific
California	California CRD 40	6040	Marin	6041	Pacific
California	California CRD 60	6060	Mariposa	6043	Pacific
California	California CRD 10	6010	Mendocino	6045	Pacific
California	California CRD 51	6051	Merced	6047	Pacific
California	California CRD 30	6030	Modoc	6049	Pacific
California	California CRD 60	6060	Mono	6051	Pacific
California	California CRD 40	6040	Monterey	6053	Pacific
California	California CRD 40	6040	Napa	6055	Pacific
California	California CRD 60	6060	Nevada	6057	Pacific
California	California CRD 80	6080	Orange	6059	Pacific
California	California CRD 60	6060	Placer	6061	Pacific
California	California CRD 30	6030	Plumas	6063	Pacific
California	California CRD 80	6080	Riverside	6065	Pacific
California	California CRD 50	6050	Sacramento	6067	Pacific
California	California CRD 40	6040	San Benito	6069	Pacific
California	California CRD 80	6080	San Bernardino	6071	Pacific
California	California CRD 80	6080	San Diego	6073	Pacific
California	California CRD 40	6040	San Francisco	6075	Pacific
California	California CRD 51	6051	San Joaquin	6077	Pacific
California	California CRD 40	6040	San Luis Obispo	6079	Pacific
California	California CRD 40	6040	San Mateo	6081	Pacific
California	California CRD 80	6080	Santa Barbara	6083	Pacific
California	California CRD 40	6040	Santa Clara	6085	Pacific
California	California CRD 40	6040	Santa Cruz	6087	Pacific
California	California CRD 20	6020	Shasta	6089	Pacific
California	California CRD 60	6060	Sierra	6091	Pacific
California	California CRD 20	6020	Siskiyou	6093	Pacific
California	California CRD 50	6050	Solano	6095	Pacific
California	California CRD 40	6040	Sonoma	6097	Pacific
California	California CRD 51	6051	Stanislaus	6099	Pacific
California	California CRD 50	6050	Sutter	6101	Pacific
California	California CRD 50	6050	Tehama	6103	Pacific
California	California CRD 20	6020	Trinity	6105	Pacific

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
California	California CRD 51	6051	Tulare	6107	Pacific
California	California CRD 60	6060	Tuolumne	6109	Pacific
California	California CRD 80	6080	Ventura	6111	Pacific
California	California CRD 50	6050	Yolo	6113	Pacific
California	California CRD 50	6050	Yuba	6115	Pacific
Colorado	Colorado CRD 60	8060	Adams	8001	Mountain
Colorado	Colorado CRD 80	8080	Alamosa	8003	Mountain
Colorado	Colorado CRD 60	8060	Arapahoe	8005	Mountain
Colorado	Colorado CRD 70	8070	Archuleta	8007	Mountain
Colorado	Colorado CRD 90	8090	Baca	8009	Mountain
Colorado	Colorado CRD 90	8090	Bent	8011	Mountain
Colorado	Colorado CRD 20	8020	Boulder	8013	Mountain
Colorado	Colorado CRD 60	8060	Broomfield	8014	Mountain
Colorado	Colorado CRD 10	8010	Chaffee	8015	Mountain
Colorado	Colorado CRD 60	8060	Cheyenne	8017	Mountain
Colorado	Colorado CRD 10	8010	Clear Creek	8019	Mountain
Colorado	Colorado CRD 80	8080	Conejos	8021	Mountain
Colorado	Colorado CRD 80	8080	Costilla	8023	Mountain
Colorado	Colorado CRD 90	8090	Crowley	8025	Mountain
Colorado	Colorado CRD 90	8090	Custer	8027	Mountain
Colorado	Colorado CRD 70	8070	Delta	8029	Mountain
Colorado	Colorado CRD 60	8060	Denver	8031	Mountain
Colorado	Colorado CRD 70	8070	Dolores	8033	Mountain
Colorado	Colorado CRD 60	8060	Douglas	8035	Mountain
Colorado	Colorado CRD 10	8010	Eagle	8037	Mountain
Colorado	Colorado CRD 60	8060	Elbert	8039	Mountain
Colorado	Colorado CRD 60	8060	El Paso	8041	Mountain
Colorado	Colorado CRD 90	8090	Fremont	8043	Mountain
Colorado	Colorado CRD 70	8070	Garfield	8045	Mountain
Colorado	Colorado CRD 10	8010	Gilpin	8047	Mountain
Colorado	Colorado CRD 10	8010	Grand	8049	Mountain
Colorado	Colorado CRD 10	8010	Gunnison	8051	Mountain
Colorado	Colorado CRD 70	8070	Hinsdale	8053	Mountain
Colorado	Colorado CRD 90	8090	Huerfano	8055	Mountain
Colorado	Colorado CRD 10	8010	Jackson	8057	Mountain
Colorado	Colorado CRD 20	8020	Jefferson	8059	Mountain
Colorado	Colorado CRD 60	8060	Kiowa	8061	Mountain
Colorado	Colorado CRD 60	8060	Kit Carson	8063	Mountain
Colorado	Colorado CRD 10	8010	Lake	8065	Mountain
Colorado	Colorado CRD 70	8070	La Plata	8067	Mountain
Colorado	Colorado CRD 20	8020	Larimer	8069	Mountain
Colorado	Colorado CRD 90	8090	Las Animas	8071	Mountain

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Colorado	Colorado CRD 60	8060	Lincoln	8073	Mountain
Colorado	Colorado CRD 20	8020	Logan	8075	Mountain
Colorado	Colorado CRD 70	8070	Mesa	8077	Mountain
Colorado	Colorado CRD 80	8080	Mineral	8079	Mountain
Colorado	Colorado CRD 10	8010	Moffat	8081	Mountain
Colorado	Colorado CRD 70	8070	Montezuma	8083	Mountain
Colorado	Colorado CRD 70	8070	Montrose	8085	Mountain
Colorado	Colorado CRD 20	8020	Morgan	8087	Mountain
Colorado	Colorado CRD 90	8090	Otero	8089	Mountain
Colorado	Colorado CRD 70	8070	Ouray	8091	Mountain
Colorado	Colorado CRD 10	8010	Park	8093	Mountain
Colorado	Colorado CRD 60	8060	Phillips	8095	Mountain
Colorado	Colorado CRD 10	8010	Pitkin	8097	Mountain
Colorado	Colorado CRD 90	8090	Prowers	8099	Mountain
Colorado	Colorado CRD 90	8090	Pueblo	8101	Mountain
Colorado	Colorado CRD 10	8010	Rio Blanco	8103	Mountain
Colorado	Colorado CRD 80	8080	Rio Grande	8105	Mountain
Colorado	Colorado CRD 10	8010	Routt	8107	Mountain
Colorado	Colorado CRD 80	8080	Saguache	8109	Mountain
Colorado	Colorado CRD 70	8070	San Juan	8111	Mountain
Colorado	Colorado CRD 70	8070	San Miguel	8113	Mountain
Colorado	Colorado CRD 20	8020	Sedgwick	8115	Mountain
Colorado	Colorado CRD 10	8010	Summit	8117	Mountain
Colorado	Colorado CRD 10	8010	Teller	8119	Mountain
Colorado	Colorado CRD 60	8060	Washington	8121	Mountain
Colorado	Colorado CRD 20	8020	Weld	8123	Mountain
Colorado	Colorado CRD 60	8060	Yuma	8125	Mountain
Connecticut	Connecticut CRD 10	9010	Fairfield	9001	Northeast
Connecticut	Connecticut CRD 10	9010	Hartford	9003	Northeast
Connecticut	Connecticut CRD 10	9010	Litchfield	9005	Northeast
Connecticut	Connecticut CRD 10	9010	Middlesex	9007	Northeast
Connecticut	Connecticut CRD 10	9010	New Haven	9009	Northeast
Connecticut	Connecticut CRD 10	9010	New London	9011	Northeast
Connecticut	Connecticut CRD 10	9010	Tolland	9013	Northeast
Connecticut	Connecticut CRD 10	9010	Windham	9015	Northeast
Delaware	Delaware CRD 50	10050	Kent	10001	Northeast
Delaware	Delaware CRD 20	10020	New Castle	10003	Northeast
Delaware	Delaware CRD 80	10080	Sussex	10005	Northeast
Florida	Florida CRD 50	12050	Alachua	12001	Southeast
Florida	Florida CRD 30	12030	Baker	12003	Southeast
Florida	Florida CRD 10	12010	Bay	12005	Southeast
Florida	Florida CRD 50	12050	Bradford	12007	Southeast

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Florida	Florida CRD 80	12080	Brevard	12009	Southeast
Florida	Florida CRD 80	12080	Broward	12011	Southeast
Florida	Florida CRD 10	12010	Calhoun	12013	Southeast
Florida	Florida CRD 80	12080	Charlotte	12015	Southeast
Florida	Florida CRD 50	12050	Citrus	12017	Southeast
Florida	Florida CRD 50	12050	Clay	12019	Southeast
Florida	Florida CRD 80	12080	Collier	12021	Southeast
Florida	Florida CRD 30	12030	Columbia	12023	Southeast
Florida	Florida CRD 80	12080	De Soto	12027	Southeast
Florida	Florida CRD 30	12030	Dixie	12029	Southeast
Florida	Florida CRD 30	12030	Duval	12031	Southeast
Florida	Florida CRD 10	12010	Escambia	12033	Southeast
Florida	Florida CRD 50	12050	Flagler	12035	Southeast
Florida	Florida CRD 10	12010	Franklin	12037	Southeast
Florida	Florida CRD 10	12010	Gadsden	12039	Southeast
Florida	Florida CRD 50	12050	Gilchrist	12041	Southeast
Florida	Florida CRD 80	12080	Glades	12043	Southeast
Florida	Florida CRD 10	12010	Gulf	12045	Southeast
Florida	Florida CRD 30	12030	Hamilton	12047	Southeast
Florida	Florida CRD 80	12080	Hardee	12049	Southeast
Florida	Florida CRD 80	12080	Hendry	12051	Southeast
Florida	Florida CRD 50	12050	Hernando	12053	Southeast
Florida	Florida CRD 80	12080	Highlands	12055	Southeast
Florida	Florida CRD 50	12050	Hillsborough	12057	Southeast
Florida	Florida CRD 10	12010	Holmes	12059	Southeast
Florida	Florida CRD 80	12080	Indian River	12061	Southeast
Florida	Florida CRD 10	12010	Jackson	12063	Southeast
Florida	Florida CRD 10	12010	Jefferson	12065	Southeast
Florida	Florida CRD 30	12030	Lafayette	12067	Southeast
Florida	Florida CRD 50	12050	Lake	12069	Southeast
Florida	Florida CRD 80	12080	Lee	12071	Southeast
Florida	Florida CRD 10	12010	Leon	12073	Southeast
Florida	Florida CRD 50	12050	Levy	12075	Southeast
Florida	Florida CRD 10	12010	Liberty	12077	Southeast
Florida	Florida CRD 30	12030	Madison	12079	Southeast
Florida	Florida CRD 80	12080	Manatee	12081	Southeast
Florida	Florida CRD 50	12050	Marion	12083	Southeast
Florida	Florida CRD 80	12080	Martin	12085	Southeast
Florida	Florida CRD 80	12080	Miami-Dade	12086	Southeast
Florida	Florida CRD 80	12080	Monroe	12087	Southeast
Florida	Florida CRD 30	12030	Nassau	12089	Southeast
Florida	Florida CRD 10	12010	Okaloosa	12091	Southeast

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Florida	Florida CRD 80	12080	Okeechobee	12093	Southeast
Florida	Florida CRD 50	12050	Orange	12095	Southeast
Florida	Florida CRD 50	12050	Osceola	12097	Southeast
Florida	Florida CRD 80	12080	Palm Beach	12099	Southeast
Florida	Florida CRD 50	12050	Pasco	12101	Southeast
Florida	Florida CRD 50	12050	Pinellas	12103	Southeast
Florida	Florida CRD 50	12050	Polk	12105	Southeast
Florida	Florida CRD 50	12050	Putnam	12107	Southeast
Florida	Florida CRD 50	12050	St. Johns	12109	Southeast
Florida	Florida CRD 80	12080	St. Lucie	12111	Southeast
Florida	Florida CRD 10	12010	Santa Rosa	12113	Southeast
Florida	Florida CRD 80	12080	Sarasota	12115	Southeast
Florida	Florida CRD 50	12050	Seminole	12117	Southeast
Florida	Florida CRD 50	12050	Sumter	12119	Southeast
Florida	Florida CRD 30	12030	Suwannee	12121	Southeast
Florida	Florida CRD 30	12030	Taylor	12123	Southeast
Florida	Florida CRD 50	12050	Union	12125	Southeast
Florida	Florida CRD 50	12050	Volusia	12127	Southeast
Florida	Florida CRD 10	12010	Wakulla	12129	Southeast
Florida	Florida CRD 10	12010	Walton	12131	Southeast
Florida	Florida CRD 10	12010	Washington	12133	Southeast
Georgia	Georgia CRD 90	13090	Appling	13001	Southeast
Georgia	Georgia CRD 80	13080	Atkinson	13003	Southeast
Georgia	Georgia CRD 90	13090	Bacon	13005	Southeast
Georgia	Georgia CRD 70	13070	Baker	13007	Southeast
Georgia	Georgia CRD 50	13050	Baldwin	13009	Southeast
Georgia	Georgia CRD 30	13030	Banks	13011	Southeast
Georgia	Georgia CRD 20	13020	Barrow	13013	Southeast
Georgia	Georgia CRD 10	13010	Bartow	13015	Southeast
Georgia	Georgia CRD 80	13080	Ben hill	13017	Southeast
Georgia	Georgia CRD 80	13080	Berrien	13019	Southeast
Georgia	Georgia CRD 50	13050	Bibb	13021	Southeast
Georgia	Georgia CRD 50	13050	Bleckley	13023	Southeast
Georgia	Georgia CRD 90	13090	Brantley	13025	Southeast
Georgia	Georgia CRD 80	13080	Brooks	13027	Southeast
Georgia	Georgia CRD 90	13090	Bryan	13029	Southeast
Georgia	Georgia CRD 60	13060	Bulloch	13031	Southeast
Georgia	Georgia CRD 60	13060	Burke	13033	Southeast
Georgia	Georgia CRD 50	13050	Butts	13035	Southeast
Georgia	Georgia CRD 70	13070	Calhoun	13037	Southeast
Georgia	Georgia CRD 90	13090	Camden	13039	Southeast
Georgia	Georgia CRD 60	13060	Candler	13043	Southeast

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Georgia	Georgia CRD 40	13040	Carroll	13045	Southeast
Georgia	Georgia CRD 10	13010	Catoosa	13047	Southeast
Georgia	Georgia CRD 90	13090	Charlton	13049	Southeast
Georgia	Georgia CRD 90	13090	Chatham	13051	Southeast
Georgia	Georgia CRD 40	13040	Chattahoochee	13053	Southeast
Georgia	Georgia CRD 10	13010	Chattooga	13055	Southeast
Georgia	Georgia CRD 20	13020	Cherokee	13057	Southeast
Georgia	Georgia CRD 20	13020	Clarke	13059	Southeast
Georgia	Georgia CRD 70	13070	Clay	13061	Southeast
Georgia	Georgia CRD 40	13040	Clayton	13063	Southeast
Georgia	Georgia CRD 80	13080	Clinch	13065	Southeast
Georgia	Georgia CRD 20	13020	Cobb	13067	Southeast
Georgia	Georgia CRD 80	13080	Coffee	13069	Southeast
Georgia	Georgia CRD 80	13080	Colquitt	13071	Southeast
Georgia	Georgia CRD 60	13060	Columbia	13073	Southeast
Georgia	Georgia CRD 80	13080	Cook	13075	Southeast
Georgia	Georgia CRD 40	13040	Coweta	13077	Southeast
Georgia	Georgia CRD 50	13050	Crawford	13079	Southeast
Georgia	Georgia CRD 80	13080	Crisp	13081	Southeast
Georgia	Georgia CRD 10	13010	Dade	13083	Southeast
Georgia	Georgia CRD 20	13020	Dawson	13085	Southeast
Georgia	Georgia CRD 70	13070	Decatur	13087	Southeast
Georgia	Georgia CRD 20	13020	De Kalb	13089	Southeast
Georgia	Georgia CRD 50	13050	Dodge	13091	Southeast
Georgia	Georgia CRD 80	13080	Dooley	13093	Southeast
Georgia	Georgia CRD 70	13070	Dougherty	13095	Southeast
Georgia	Georgia CRD 40	13040	Douglas	13097	Southeast
Georgia	Georgia CRD 70	13070	Early	13099	Southeast
Georgia	Georgia CRD 80	13080	Echols	13101	Southeast
Georgia	Georgia CRD 60	13060	Effingham	13103	Southeast
Georgia	Georgia CRD 30	13030	Elbert	13105	Southeast
Georgia	Georgia CRD 60	13060	Emanuel	13107	Southeast
Georgia	Georgia CRD 90	13090	Evans	13109	Southeast
Georgia	Georgia CRD 20	13020	Fannin	13111	Southeast
Georgia	Georgia CRD 40	13040	Fayette	13113	Southeast
Georgia	Georgia CRD 10	13010	Floyd	13115	Southeast
Georgia	Georgia CRD 20	13020	Forsyth	13117	Southeast
Georgia	Georgia CRD 30	13030	Franklin	13119	Southeast
Georgia	Georgia CRD 20	13020	Fulton	13121	Southeast
Georgia	Georgia CRD 20	13020	Gilmer	13123	Southeast
Georgia	Georgia CRD 60	13060	Glascok	13125	Southeast
Georgia	Georgia CRD 90	13090	Glynn	13127	Southeast

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Georgia	Georgia CRD 10	13010	Gordon	13129	Southeast
Georgia	Georgia CRD 70	13070	Grady	13131	Southeast
Georgia	Georgia CRD 50	13050	Greene	13133	Southeast
Georgia	Georgia CRD 20	13020	Gwinnett	13135	Southeast
Georgia	Georgia CRD 30	13030	Habersham	13137	Southeast
Georgia	Georgia CRD 20	13020	Hall	13139	Southeast
Georgia	Georgia CRD 50	13050	Hancock	13141	Southeast
Georgia	Georgia CRD 40	13040	Haralson	13143	Southeast
Georgia	Georgia CRD 40	13040	Harris	13145	Southeast
Georgia	Georgia CRD 30	13030	Hart	13147	Southeast
Georgia	Georgia CRD 40	13040	Heard	13149	Southeast
Georgia	Georgia CRD 40	13040	Henry	13151	Southeast
Georgia	Georgia CRD 50	13050	Houston	13153	Southeast
Georgia	Georgia CRD 80	13080	Irwin	13155	Southeast
Georgia	Georgia CRD 20	13020	Jackson	13157	Southeast
Georgia	Georgia CRD 50	13050	Jasper	13159	Southeast
Georgia	Georgia CRD 80	13080	Jeff Davis	13161	Southeast
Georgia	Georgia CRD 60	13060	Jefferson	13163	Southeast
Georgia	Georgia CRD 60	13060	Jenkins	13165	Southeast
Georgia	Georgia CRD 50	13050	Johnson	13167	Southeast
Georgia	Georgia CRD 50	13050	Jones	13169	Southeast
Georgia	Georgia CRD 40	13040	Lamar	13171	Southeast
Georgia	Georgia CRD 80	13080	Lanier	13173	Southeast
Georgia	Georgia CRD 50	13050	Laurens	13175	Southeast
Georgia	Georgia CRD 70	13070	Lee	13177	Southeast
Georgia	Georgia CRD 90	13090	Liberty	13179	Southeast
Georgia	Georgia CRD 30	13030	Lincoln	13181	Southeast
Georgia	Georgia CRD 90	13090	Long	13183	Southeast
Georgia	Georgia CRD 80	13080	Lowndes	13185	Southeast
Georgia	Georgia CRD 20	13020	Lumpkin	13187	Southeast
Georgia	Georgia CRD 60	13060	McDuffie	13189	Southeast
Georgia	Georgia CRD 90	13090	McIntosh	13191	Southeast
Georgia	Georgia CRD 40	13040	Macon	13193	Southeast
Georgia	Georgia CRD 30	13030	Madison	13195	Southeast
Georgia	Georgia CRD 40	13040	Marion	13197	Southeast
Georgia	Georgia CRD 40	13040	Meriwether	13199	Southeast
Georgia	Georgia CRD 70	13070	Miller	13201	Southeast
Georgia	Georgia CRD 70	13070	Mitchell	13205	Southeast
Georgia	Georgia CRD 50	13050	Monroe	13207	Southeast
Georgia	Georgia CRD 50	13050	Montgomery	13209	Southeast
Georgia	Georgia CRD 50	13050	Morgan	13211	Southeast
Georgia	Georgia CRD 10	13010	Murray	13213	Southeast

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Georgia	Georgia CRD 40	13040	Muscogee	13215	Southeast
Georgia	Georgia CRD 50	13050	Newton	13217	Southeast
Georgia	Georgia CRD 20	13020	Oconee	13219	Southeast
Georgia	Georgia CRD 30	13030	Oglethorpe	13221	Southeast
Georgia	Georgia CRD 10	13010	Paulding	13223	Southeast
Georgia	Georgia CRD 50	13050	Peach	13225	Southeast
Georgia	Georgia CRD 20	13020	Pickens	13227	Southeast
Georgia	Georgia CRD 90	13090	Pierce	13229	Southeast
Georgia	Georgia CRD 40	13040	Pike	13231	Southeast
Georgia	Georgia CRD 10	13010	Polk	13233	Southeast
Georgia	Georgia CRD 50	13050	Pulaski	13235	Southeast
Georgia	Georgia CRD 50	13050	Putnam	13237	Southeast
Georgia	Georgia CRD 70	13070	Quitman	13239	Southeast
Georgia	Georgia CRD 30	13030	Rabun	13241	Southeast
Georgia	Georgia CRD 70	13070	Randolph	13243	Southeast
Georgia	Georgia CRD 60	13060	Richmond	13245	Southeast
Georgia	Georgia CRD 50	13050	Rockdale	13247	Southeast
Georgia	Georgia CRD 40	13040	Schley	13249	Southeast
Georgia	Georgia CRD 60	13060	Screven	13251	Southeast
Georgia	Georgia CRD 70	13070	Seminole	13253	Southeast
Georgia	Georgia CRD 40	13040	Spaulding	13255	Southeast
Georgia	Georgia CRD 30	13030	Stephens	13257	Southeast
Georgia	Georgia CRD 70	13070	Stewart	13259	Southeast
Georgia	Georgia CRD 70	13070	Sumter	13261	Southeast
Georgia	Georgia CRD 40	13040	Talbot	13263	Southeast
Georgia	Georgia CRD 50	13050	Taliaferro	13265	Southeast
Georgia	Georgia CRD 90	13090	Tattnall	13267	Southeast
Georgia	Georgia CRD 40	13040	Taylor	13269	Southeast
Georgia	Georgia CRD 80	13080	Telfair	13271	Southeast
Georgia	Georgia CRD 70	13070	Terrell	13273	Southeast
Georgia	Georgia CRD 70	13070	Thomas	13275	Southeast
Georgia	Georgia CRD 80	13080	Tift	13277	Southeast
Georgia	Georgia CRD 90	13090	Toombs	13279	Southeast
Georgia	Georgia CRD 20	13020	Towns	13281	Southeast
Georgia	Georgia CRD 50	13050	Treutlen	13283	Southeast
Georgia	Georgia CRD 40	13040	Troup	13285	Southeast
Georgia	Georgia CRD 80	13080	Turner	13287	Southeast
Georgia	Georgia CRD 50	13050	Twiggs	13289	Southeast
Georgia	Georgia CRD 20	13020	Union	13291	Southeast
Georgia	Georgia CRD 40	13040	Upson	13293	Southeast
Georgia	Georgia CRD 10	13010	Walker	13295	Southeast
Georgia	Georgia CRD 20	13020	Walton	13297	Southeast

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Georgia	Georgia CRD 90	13090	Ware	13299	Southeast
Georgia	Georgia CRD 60	13060	Warren	13301	Southeast
Georgia	Georgia CRD 50	13050	Washington	13303	Southeast
Georgia	Georgia CRD 90	13090	Wayne	13305	Southeast
Georgia	Georgia CRD 70	13070	Webster	13307	Southeast
Georgia	Georgia CRD 50	13050	Wheeler	13309	Southeast
Georgia	Georgia CRD 20	13020	White	13311	Southeast
Georgia	Georgia CRD 10	13010	Whitfield	13313	Southeast
Georgia	Georgia CRD 80	13080	Wilcox	13315	Southeast
Georgia	Georgia CRD 30	13030	Wilkes	13317	Southeast
Georgia	Georgia CRD 50	13050	Wilkinson	13319	Southeast
Georgia	Georgia CRD 80	13080	Worth	13321	Southeast
Idaho	Idaho CRD 70	16070	Ada	16001	Mountain
Idaho	Idaho CRD 70	16070	Adams	16003	Mountain
Idaho	Idaho CRD 90	16090	Bannock	16005	Mountain
Idaho	Idaho CRD 90	16090	Bear Lake	16007	Mountain
Idaho	Idaho CRD 10	16010	Benewah	16009	Mountain
Idaho	Idaho CRD 90	16090	Bingham	16011	Mountain
Idaho	Idaho CRD 80	16080	Blaine	16013	Mountain
Idaho	Idaho CRD 70	16070	Boise	16015	Mountain
Idaho	Idaho CRD 10	16010	Bonner	16017	Mountain
Idaho	Idaho CRD 90	16090	Bonneville	16019	Mountain
Idaho	Idaho CRD 10	16010	Boundary	16021	Mountain
Idaho	Idaho CRD 90	16090	Butte	16023	Mountain
Idaho	Idaho CRD 80	16080	Camas	16025	Mountain
Idaho	Idaho CRD 70	16070	Canyon	16027	Mountain
Idaho	Idaho CRD 90	16090	Caribou	16029	Mountain
Idaho	Idaho CRD 80	16080	Cassia	16031	Mountain
Idaho	Idaho CRD 90	16090	Clark	16033	Mountain
Idaho	Idaho CRD 10	16010	Clearwater	16035	Mountain
Idaho	Idaho CRD 90	16090	Custer	16037	Mountain
Idaho	Idaho CRD 70	16070	Elmore	16039	Mountain
Idaho	Idaho CRD 90	16090	Franklin	16041	Mountain
Idaho	Idaho CRD 90	16090	Fremont	16043	Mountain
Idaho	Idaho CRD 70	16070	Gem	16045	Mountain
Idaho	Idaho CRD 80	16080	Gooding	16047	Mountain
Idaho	Idaho CRD 10	16010	Idaho	16049	Mountain
Idaho	Idaho CRD 90	16090	Jefferson	16051	Mountain
Idaho	Idaho CRD 80	16080	Jerome	16053	Mountain
Idaho	Idaho CRD 10	16010	Kootenai	16055	Mountain
Idaho	Idaho CRD 10	16010	Latah	16057	Mountain
Idaho	Idaho CRD 90	16090	Lemhi	16059	Mountain

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Idaho	Idaho CRD 10	16010	Lewis	16061	Mountain
Idaho	Idaho CRD 80	16080	Lincoln	16063	Mountain
Idaho	Idaho CRD 90	16090	Madison	16065	Mountain
Idaho	Idaho CRD 80	16080	Minidoka	16067	Mountain
Idaho	Idaho CRD 10	16010	Nez Perce	16069	Mountain
Idaho	Idaho CRD 90	16090	Oneida	16071	Mountain
Idaho	Idaho CRD 70	16070	Owyhee	16073	Mountain
Idaho	Idaho CRD 70	16070	Payette	16075	Mountain
Idaho	Idaho CRD 90	16090	Power	16077	Mountain
Idaho	Idaho CRD 10	16010	Shoshone	16079	Mountain
Idaho	Idaho CRD 90	16090	Teton	16081	Mountain
Idaho	Idaho CRD 80	16080	Twin Falls	16083	Mountain
Idaho	Idaho CRD 70	16070	Valley	16085	Mountain
Idaho	Idaho CRD 70	16070	Washington	16087	Mountain
Illinois	Illinois CRD 30	17030	Adams	17001	Corn-belt
Illinois	Illinois CRD 80	17080	Alexander	17003	Corn-belt
Illinois	Illinois CRD 60	17060	Bond	17005	Corn-belt
Illinois	Illinois CRD 20	17020	Boone	17007	Corn-belt
Illinois	Illinois CRD 30	17030	Brown	17009	Corn-belt
Illinois	Illinois CRD 10	17010	Bureau	17011	Corn-belt
Illinois	Illinois CRD 60	17060	Calhoun	17013	Corn-belt
Illinois	Illinois CRD 10	17010	Carroll	17015	Corn-belt
Illinois	Illinois CRD 60	17060	Cass	17017	Corn-belt
Illinois	Illinois CRD 50	17050	Champaign	17019	Corn-belt
Illinois	Illinois CRD 60	17060	Christian	17021	Corn-belt
Illinois	Illinois CRD 70	17070	Clark	17023	Corn-belt
Illinois	Illinois CRD 70	17070	Clay	17025	Corn-belt
Illinois	Illinois CRD 80	17080	Clinton	17027	Corn-belt
Illinois	Illinois CRD 70	17070	Coles	17029	Corn-belt
Illinois	Illinois CRD 20	17020	Cook	17031	Corn-belt
Illinois	Illinois CRD 70	17070	Crawford	17033	Corn-belt
Illinois	Illinois CRD 70	17070	Cumberland	17035	Corn-belt
Illinois	Illinois CRD 20	17020	De Kalb	17037	Corn-belt
Illinois	Illinois CRD 40	17040	De Witt	17039	Corn-belt
Illinois	Illinois CRD 70	17070	Douglas	17041	Corn-belt
Illinois	Illinois CRD 20	17020	Du Page	17043	Corn-belt
Illinois	Illinois CRD 70	17070	Edgar	17045	Corn-belt
Illinois	Illinois CRD 90	17090	Edwards	17047	Corn-belt
Illinois	Illinois CRD 70	17070	Effingham	17049	Corn-belt
Illinois	Illinois CRD 70	17070	Fayette	17051	Corn-belt
Illinois	Illinois CRD 50	17050	Ford	17053	Corn-belt
Illinois	Illinois CRD 90	17090	Franklin	17055	Corn-belt

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Illinois	Illinois CRD 30	17030	Fulton	17057	Corn-belt
Illinois	Illinois CRD 90	17090	Gallatin	17059	Corn-belt
Illinois	Illinois CRD 60	17060	Greene	17061	Corn-belt
Illinois	Illinois CRD 20	17020	Grundy	17063	Corn-belt
Illinois	Illinois CRD 90	17090	Hamilton	17065	Corn-belt
Illinois	Illinois CRD 30	17030	Hancock	17067	Corn-belt
Illinois	Illinois CRD 90	17090	Hardin	17069	Corn-belt
Illinois	Illinois CRD 30	17030	Henderson	17071	Corn-belt
Illinois	Illinois CRD 10	17010	Henry	17073	Corn-belt
Illinois	Illinois CRD 50	17050	Iroquois	17075	Corn-belt
Illinois	Illinois CRD 80	17080	Jackson	17077	Corn-belt
Illinois	Illinois CRD 70	17070	Jasper	17079	Corn-belt
Illinois	Illinois CRD 90	17090	Jefferson	17081	Corn-belt
Illinois	Illinois CRD 60	17060	Jersey	17083	Corn-belt
Illinois	Illinois CRD 10	17010	Jo Daviess	17085	Corn-belt
Illinois	Illinois CRD 80	17080	Johnson	17087	Corn-belt
Illinois	Illinois CRD 20	17020	Kane	17089	Corn-belt
Illinois	Illinois CRD 50	17050	Kankakee	17091	Corn-belt
Illinois	Illinois CRD 20	17020	Kendall	17093	Corn-belt
Illinois	Illinois CRD 30	17030	Knox	17095	Corn-belt
Illinois	Illinois CRD 20	17020	Lake	17097	Corn-belt
Illinois	Illinois CRD 20	17020	La Salle	17099	Corn-belt
Illinois	Illinois CRD 70	17070	Lawrence	17101	Corn-belt
Illinois	Illinois CRD 10	17010	Lee	17103	Corn-belt
Illinois	Illinois CRD 50	17050	Livingston	17105	Corn-belt
Illinois	Illinois CRD 40	17040	Logan	17107	Corn-belt
Illinois	Illinois CRD 30	17030	McDonough	17109	Corn-belt
Illinois	Illinois CRD 20	17020	McHenry	17111	Corn-belt
Illinois	Illinois CRD 40	17040	McLean	17113	Corn-belt
Illinois	Illinois CRD 40	17040	Macon	17115	Corn-belt
Illinois	Illinois CRD 60	17060	Macoupin	17117	Corn-belt
Illinois	Illinois CRD 60	17060	Madison	17119	Corn-belt
Illinois	Illinois CRD 70	17070	Marion	17121	Corn-belt
Illinois	Illinois CRD 40	17040	Marshall	17123	Corn-belt
Illinois	Illinois CRD 40	17040	Mason	17125	Corn-belt
Illinois	Illinois CRD 90	17090	Massac	17127	Corn-belt
Illinois	Illinois CRD 40	17040	Menard	17129	Corn-belt
Illinois	Illinois CRD 10	17010	Mercer	17131	Corn-belt
Illinois	Illinois CRD 80	17080	Monroe	17133	Corn-belt
Illinois	Illinois CRD 60	17060	Montgomery	17135	Corn-belt
Illinois	Illinois CRD 60	17060	Morgan	17137	Corn-belt
Illinois	Illinois CRD 70	17070	Moultrie	17139	Corn-belt

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Illinois	Illinois CRD 10	17010	Ogle	17141	Corn-belt
Illinois	Illinois CRD 40	17040	Peoria	17143	Corn-belt
Illinois	Illinois CRD 80	17080	Perry	17145	Corn-belt
Illinois	Illinois CRD 50	17050	Piatt	17147	Corn-belt
Illinois	Illinois CRD 60	17060	Pike	17149	Corn-belt
Illinois	Illinois CRD 90	17090	Pope	17151	Corn-belt
Illinois	Illinois CRD 80	17080	Pulaski	17153	Corn-belt
Illinois	Illinois CRD 10	17010	Putnam	17155	Corn-belt
Illinois	Illinois CRD 80	17080	Randolph	17157	Corn-belt
Illinois	Illinois CRD 70	17070	Richland	17159	Corn-belt
Illinois	Illinois CRD 10	17010	Rock Island	17161	Corn-belt
Illinois	Illinois CRD 80	17080	St. Clair	17163	Corn-belt
Illinois	Illinois CRD 90	17090	Saline	17165	Corn-belt
Illinois	Illinois CRD 60	17060	Sangamon	17167	Corn-belt
Illinois	Illinois CRD 30	17030	Schuyler	17169	Corn-belt
Illinois	Illinois CRD 60	17060	Scott	17171	Corn-belt
Illinois	Illinois CRD 70	17070	Shelby	17173	Corn-belt
Illinois	Illinois CRD 40	17040	Stark	17175	Corn-belt
Illinois	Illinois CRD 10	17010	Stephenson	17177	Corn-belt
Illinois	Illinois CRD 40	17040	Tazewell	17179	Corn-belt
Illinois	Illinois CRD 80	17080	Union	17181	Corn-belt
Illinois	Illinois CRD 50	17050	Vermilion	17183	Corn-belt
Illinois	Illinois CRD 90	17090	Wabash	17185	Corn-belt
Illinois	Illinois CRD 30	17030	Warren	17187	Corn-belt
Illinois	Illinois CRD 80	17080	Washington	17189	Corn-belt
Illinois	Illinois CRD 90	17090	Wayne	17191	Corn-belt
Illinois	Illinois CRD 90	17090	White	17193	Corn-belt
Illinois	Illinois CRD 10	17010	Whiteside	17195	Corn-belt
Illinois	Illinois CRD 20	17020	Will	17197	Corn-belt
Illinois	Illinois CRD 80	17080	Williamson	17199	Corn-belt
Illinois	Illinois CRD 10	17010	Winnebago	17201	Corn-belt
Illinois	Illinois CRD 40	17040	Woodford	17203	Corn-belt
Indiana	Indiana CRD 30	18030	Adams	18001	Corn-belt
Indiana	Indiana CRD 30	18030	Allen	18003	Corn-belt
Indiana	Indiana CRD 50	18050	Bartholomew	18005	Corn-belt
Indiana	Indiana CRD 10	18010	Benton	18007	Corn-belt
Indiana	Indiana CRD 60	18060	Blackford	18009	Corn-belt
Indiana	Indiana CRD 50	18050	Boone	18011	Corn-belt
Indiana	Indiana CRD 80	18080	Brown	18013	Corn-belt
Indiana	Indiana CRD 20	18020	Carroll	18015	Corn-belt
Indiana	Indiana CRD 20	18020	Cass	18017	Corn-belt
Indiana	Indiana CRD 90	18090	Clark	18019	Corn-belt

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Indiana	Indiana CRD 40	18040	Clay	18021	Corn-belt
Indiana	Indiana CRD 50	18050	Clinton	18023	Corn-belt
Indiana	Indiana CRD 80	18080	Crawford	18025	Corn-belt
Indiana	Indiana CRD 70	18070	Daviess	18027	Corn-belt
Indiana	Indiana CRD 90	18090	Dearborn	18029	Corn-belt
Indiana	Indiana CRD 50	18050	Decatur	18031	Corn-belt
Indiana	Indiana CRD 30	18030	De Kalb	18033	Corn-belt
Indiana	Indiana CRD 60	18060	Delaware	18035	Corn-belt
Indiana	Indiana CRD 70	18070	Dubois	18037	Corn-belt
Indiana	Indiana CRD 20	18020	Elkhart	18039	Corn-belt
Indiana	Indiana CRD 60	18060	Fayette	18041	Corn-belt
Indiana	Indiana CRD 80	18080	Floyd	18043	Corn-belt
Indiana	Indiana CRD 40	18040	Fountain	18045	Corn-belt
Indiana	Indiana CRD 90	18090	Franklin	18047	Corn-belt
Indiana	Indiana CRD 20	18020	Fulton	18049	Corn-belt
Indiana	Indiana CRD 70	18070	Gibson	18051	Corn-belt
Indiana	Indiana CRD 50	18050	Grant	18053	Corn-belt
Indiana	Indiana CRD 70	18070	Greene	18055	Corn-belt
Indiana	Indiana CRD 50	18050	Hamilton	18057	Corn-belt
Indiana	Indiana CRD 50	18050	Hancock	18059	Corn-belt
Indiana	Indiana CRD 80	18080	Harrison	18061	Corn-belt
Indiana	Indiana CRD 50	18050	Hendricks	18063	Corn-belt
Indiana	Indiana CRD 60	18060	Henry	18065	Corn-belt
Indiana	Indiana CRD 50	18050	Howard	18067	Corn-belt
Indiana	Indiana CRD 30	18030	Huntington	18069	Corn-belt
Indiana	Indiana CRD 80	18080	Jackson	18071	Corn-belt
Indiana	Indiana CRD 10	18010	Jasper	18073	Corn-belt
Indiana	Indiana CRD 60	18060	Jay	18075	Corn-belt
Indiana	Indiana CRD 90	18090	Jefferson	18077	Corn-belt
Indiana	Indiana CRD 90	18090	Jennings	18079	Corn-belt
Indiana	Indiana CRD 50	18050	Johnson	18081	Corn-belt
Indiana	Indiana CRD 70	18070	Knox	18083	Corn-belt
Indiana	Indiana CRD 20	18020	Kosciusko	18085	Corn-belt
Indiana	Indiana CRD 30	18030	Lagrange	18087	Corn-belt
Indiana	Indiana CRD 10	18010	Lake	18089	Corn-belt
Indiana	Indiana CRD 10	18010	La Porte	18091	Corn-belt
Indiana	Indiana CRD 80	18080	Lawrence	18093	Corn-belt
Indiana	Indiana CRD 50	18050	Madison	18095	Corn-belt
Indiana	Indiana CRD 50	18050	Marion	18097	Corn-belt
Indiana	Indiana CRD 20	18020	Marshall	18099	Corn-belt
Indiana	Indiana CRD 70	18070	Martin	18101	Corn-belt
Indiana	Indiana CRD 20	18020	Miami	18103	Corn-belt

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Indiana	Indiana CRD 80	18080	Monroe	18105	Corn-belt
Indiana	Indiana CRD 40	18040	Montgomery	18107	Corn-belt
Indiana	Indiana CRD 50	18050	Morgan	18109	Corn-belt
Indiana	Indiana CRD 10	18010	Newton	18111	Corn-belt
Indiana	Indiana CRD 30	18030	Noble	18113	Corn-belt
Indiana	Indiana CRD 90	18090	Ohio	18115	Corn-belt
Indiana	Indiana CRD 80	18080	Orange	18117	Corn-belt
Indiana	Indiana CRD 40	18040	Owen	18119	Corn-belt
Indiana	Indiana CRD 40	18040	Parke	18121	Corn-belt
Indiana	Indiana CRD 80	18080	Perry	18123	Corn-belt
Indiana	Indiana CRD 70	18070	Pike	18125	Corn-belt
Indiana	Indiana CRD 10	18010	Porter	18127	Corn-belt
Indiana	Indiana CRD 70	18070	Posey	18129	Corn-belt
Indiana	Indiana CRD 10	18010	Pulaski	18131	Corn-belt
Indiana	Indiana CRD 40	18040	Putnam	18133	Corn-belt
Indiana	Indiana CRD 60	18060	Randolph	18135	Corn-belt
Indiana	Indiana CRD 90	18090	Ripley	18137	Corn-belt
Indiana	Indiana CRD 50	18050	Rush	18139	Corn-belt
Indiana	Indiana CRD 20	18020	St. Joseph	18141	Corn-belt
Indiana	Indiana CRD 90	18090	Scott	18143	Corn-belt
Indiana	Indiana CRD 50	18050	Shelby	18145	Corn-belt
Indiana	Indiana CRD 70	18070	Spencer	18147	Corn-belt
Indiana	Indiana CRD 10	18010	Starke	18149	Corn-belt
Indiana	Indiana CRD 30	18030	Steuben	18151	Corn-belt
Indiana	Indiana CRD 70	18070	Sullivan	18153	Corn-belt
Indiana	Indiana CRD 90	18090	Switzerland	18155	Corn-belt
Indiana	Indiana CRD 40	18040	Tippecanoe	18157	Corn-belt
Indiana	Indiana CRD 50	18050	Tipton	18159	Corn-belt
Indiana	Indiana CRD 60	18060	Union	18161	Corn-belt
Indiana	Indiana CRD 70	18070	Vanderburgh	18163	Corn-belt
Indiana	Indiana CRD 40	18040	Vermillion	18165	Corn-belt
Indiana	Indiana CRD 40	18040	Vigo	18167	Corn-belt
Indiana	Indiana CRD 20	18020	Wabash	18169	Corn-belt
Indiana	Indiana CRD 40	18040	Warren	18171	Corn-belt
Indiana	Indiana CRD 70	18070	Warrick	18173	Corn-belt
Indiana	Indiana CRD 80	18080	Washington	18175	Corn-belt
Indiana	Indiana CRD 60	18060	Wayne	18177	Corn-belt
Indiana	Indiana CRD 30	18030	Wells	18179	Corn-belt
Indiana	Indiana CRD 10	18010	White	18181	Corn-belt
Indiana	Indiana CRD 30	18030	Whitley	18183	Corn-belt
Iowa	Iowa CRD 70	19070	Adair	19001	Corn-belt
Iowa	Iowa CRD 70	19070	Adams	19003	Corn-belt

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Iowa	Iowa CRD 30	19030	Allamakee	19005	Corn-belt
Iowa	Iowa CRD 80	19080	Appanoose	19007	Corn-belt
Iowa	Iowa CRD 40	19040	Audubon	19009	Corn-belt
Iowa	Iowa CRD 60	19060	Benton	19011	Corn-belt
Iowa	Iowa CRD 30	19030	Black Hawk	19013	Corn-belt
Iowa	Iowa CRD 50	19050	Boone	19015	Corn-belt
Iowa	Iowa CRD 30	19030	Bremer	19017	Corn-belt
Iowa	Iowa CRD 30	19030	Buchanan	19019	Corn-belt
Iowa	Iowa CRD 10	19010	Buena Vista	19021	Corn-belt
Iowa	Iowa CRD 20	19020	Butler	19023	Corn-belt
Iowa	Iowa CRD 40	19040	Calhoun	19025	Corn-belt
Iowa	Iowa CRD 40	19040	Carroll	19027	Corn-belt
Iowa	Iowa CRD 70	19070	Cass	19029	Corn-belt
Iowa	Iowa CRD 60	19060	Cedar	19031	Corn-belt
Iowa	Iowa CRD 20	19020	Cerro Gordo	19033	Corn-belt
Iowa	Iowa CRD 10	19010	Cherokee	19035	Corn-belt
Iowa	Iowa CRD 30	19030	Chickasaw	19037	Corn-belt
Iowa	Iowa CRD 80	19080	Clarke	19039	Corn-belt
Iowa	Iowa CRD 10	19010	Clay	19041	Corn-belt
Iowa	Iowa CRD 30	19030	Clayton	19043	Corn-belt
Iowa	Iowa CRD 60	19060	Clinton	19045	Corn-belt
Iowa	Iowa CRD 40	19040	Crawford	19047	Corn-belt
Iowa	Iowa CRD 50	19050	Dallas	19049	Corn-belt
Iowa	Iowa CRD 90	19090	Davis	19051	Corn-belt
Iowa	Iowa CRD 80	19080	Decatur	19053	Corn-belt
Iowa	Iowa CRD 30	19030	Delaware	19055	Corn-belt
Iowa	Iowa CRD 90	19090	Des Moines	19057	Corn-belt
Iowa	Iowa CRD 10	19010	Dickinson	19059	Corn-belt
Iowa	Iowa CRD 30	19030	Dubuque	19061	Corn-belt
Iowa	Iowa CRD 10	19010	Emmet	19063	Corn-belt
Iowa	Iowa CRD 30	19030	Fayette	19065	Corn-belt
Iowa	Iowa CRD 20	19020	Floyd	19067	Corn-belt
Iowa	Iowa CRD 20	19020	Franklin	19069	Corn-belt
Iowa	Iowa CRD 70	19070	Fremont	19071	Corn-belt
Iowa	Iowa CRD 40	19040	Greene	19073	Corn-belt
Iowa	Iowa CRD 50	19050	Grundy	19075	Corn-belt
Iowa	Iowa CRD 40	19040	Guthrie	19077	Corn-belt
Iowa	Iowa CRD 50	19050	Hamilton	19079	Corn-belt
Iowa	Iowa CRD 20	19020	Hancock	19081	Corn-belt
Iowa	Iowa CRD 50	19050	Hardin	19083	Corn-belt
Iowa	Iowa CRD 40	19040	Harrison	19085	Corn-belt
Iowa	Iowa CRD 90	19090	Henry	19087	Corn-belt

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Iowa	Iowa CRD 30	19030	Howard	19089	Corn-belt
Iowa	Iowa CRD 20	19020	Humboldt	19091	Corn-belt
Iowa	Iowa CRD 40	19040	Ida	19093	Corn-belt
Iowa	Iowa CRD 60	19060	Iowa	19095	Corn-belt
Iowa	Iowa CRD 60	19060	Jackson	19097	Corn-belt
Iowa	Iowa CRD 50	19050	Jasper	19099	Corn-belt
Iowa	Iowa CRD 90	19090	Jefferson	19101	Corn-belt
Iowa	Iowa CRD 60	19060	Johnson	19103	Corn-belt
Iowa	Iowa CRD 60	19060	Jones	19105	Corn-belt
Iowa	Iowa CRD 90	19090	Keokuk	19107	Corn-belt
Iowa	Iowa CRD 20	19020	Kossuth	19109	Corn-belt
Iowa	Iowa CRD 90	19090	Lee	19111	Corn-belt
Iowa	Iowa CRD 60	19060	Linn	19113	Corn-belt
Iowa	Iowa CRD 90	19090	Louisa	19115	Corn-belt
Iowa	Iowa CRD 80	19080	Lucas	19117	Corn-belt
Iowa	Iowa CRD 10	19010	Lyon	19119	Corn-belt
Iowa	Iowa CRD 80	19080	Madison	19121	Corn-belt
Iowa	Iowa CRD 90	19090	Mahaska	19123	Corn-belt
Iowa	Iowa CRD 80	19080	Marion	19125	Corn-belt
Iowa	Iowa CRD 50	19050	Marshall	19127	Corn-belt
Iowa	Iowa CRD 70	19070	Mills	19129	Corn-belt
Iowa	Iowa CRD 20	19020	Mitchell	19131	Corn-belt
Iowa	Iowa CRD 40	19040	Monona	19133	Corn-belt
Iowa	Iowa CRD 80	19080	Monroe	19135	Corn-belt
Iowa	Iowa CRD 70	19070	Montgomery	19137	Corn-belt
Iowa	Iowa CRD 60	19060	Muscatine	19139	Corn-belt
Iowa	Iowa CRD 10	19010	O'Brien	19141	Corn-belt
Iowa	Iowa CRD 10	19010	Osceola	19143	Corn-belt
Iowa	Iowa CRD 70	19070	Page	19145	Corn-belt
Iowa	Iowa CRD 10	19010	Palo Alto	19147	Corn-belt
Iowa	Iowa CRD 10	19010	Plymouth	19149	Corn-belt
Iowa	Iowa CRD 10	19010	Pocahontas	19151	Corn-belt
Iowa	Iowa CRD 50	19050	Polk	19153	Corn-belt
Iowa	Iowa CRD 70	19070	Pottawattamie	19155	Corn-belt
Iowa	Iowa CRD 50	19050	Poweshiek	19157	Corn-belt
Iowa	Iowa CRD 80	19080	Ringgold	19159	Corn-belt
Iowa	Iowa CRD 40	19040	Sac	19161	Corn-belt
Iowa	Iowa CRD 60	19060	Scott	19163	Corn-belt
Iowa	Iowa CRD 40	19040	Shelby	19165	Corn-belt
Iowa	Iowa CRD 10	19010	Sioux	19167	Corn-belt
Iowa	Iowa CRD 50	19050	Story	19169	Corn-belt
Iowa	Iowa CRD 50	19050	Tama	19171	Corn-belt

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Iowa	Iowa CRD 70	19070	Taylor	19173	Corn-belt
Iowa	Iowa CRD 80	19080	Union	19175	Corn-belt
Iowa	Iowa CRD 90	19090	Van Buren	19177	Corn-belt
Iowa	Iowa CRD 90	19090	Wapello	19179	Corn-belt
Iowa	Iowa CRD 80	19080	Warren	19181	Corn-belt
Iowa	Iowa CRD 90	19090	Washington	19183	Corn-belt
Iowa	Iowa CRD 80	19080	Wayne	19185	Corn-belt
Iowa	Iowa CRD 50	19050	Webster	19187	Corn-belt
Iowa	Iowa CRD 20	19020	Winnebago	19189	Corn-belt
Iowa	Iowa CRD 30	19030	Winneshiek	19191	Corn-belt
Iowa	Iowa CRD 40	19040	Woodbury	19193	Corn-belt
Iowa	Iowa CRD 20	19020	Worth	19195	Corn-belt
Iowa	Iowa CRD 20	19020	Wright	19197	Corn-belt
Kansas	Kansas CRD 90	20090	Allen	20001	Northern-plains
Kansas	Kansas CRD 80	20080	Anderson	20003	Northern-plains
Kansas	Kansas CRD 70	20070	Atchison	20005	Northern-plains
Kansas	Kansas CRD 60	20060	Barber	20007	Northern-plains
Kansas	Kansas CRD 50	20050	Barton	20009	Northern-plains
Kansas	Kansas CRD 90	20090	Bourbon	20011	Northern-plains
Kansas	Kansas CRD 70	20070	Brown	20013	Northern-plains
Kansas	Kansas CRD 90	20090	Butler	20015	Northern-plains
Kansas	Kansas CRD 80	20080	Chase	20017	Northern-plains
Kansas	Kansas CRD 90	20090	Chautauqua	20019	Northern-plains
Kansas	Kansas CRD 90	20090	Cherokee	20021	Northern-plains
Kansas	Kansas CRD 10	20010	Cheyenne	20023	Northern-plains
Kansas	Kansas CRD 30	20030	Clark	20025	Northern-plains
Kansas	Kansas CRD 40	20040	Clay	20027	Northern-plains
Kansas	Kansas CRD 40	20040	Cloud	20029	Northern-plains
Kansas	Kansas CRD 80	20080	Coffey	20031	Northern-plains
Kansas	Kansas CRD 60	20060	Comanche	20033	Northern-plains
Kansas	Kansas CRD 90	20090	Cowley	20035	Northern-plains
Kansas	Kansas CRD 90	20090	Crawford	20037	Northern-plains
Kansas	Kansas CRD 10	20010	Decatur	20039	Northern-plains
Kansas	Kansas CRD 50	20050	Dickinson	20041	Northern-plains
Kansas	Kansas CRD 70	20070	Doniphan	20043	Northern-plains
Kansas	Kansas CRD 80	20080	Douglas	20045	Northern-plains
Kansas	Kansas CRD 60	20060	Edwards	20047	Northern-plains
Kansas	Kansas CRD 90	20090	Elk	20049	Northern-plains
Kansas	Kansas CRD 50	20050	Ellis	20051	Northern-plains
Kansas	Kansas CRD 50	20050	Ellsworth	20053	Northern-plains
Kansas	Kansas CRD 30	20030	Finney	20055	Northern-plains
Kansas	Kansas CRD 30	20030	Ford	20057	Northern-plains

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Kansas	Kansas CRD 80	20080	Franklin	20059	Northern-plains
Kansas	Kansas CRD 80	20080	Geary	20061	Northern-plains
Kansas	Kansas CRD 20	20020	Gove	20063	Northern-plains
Kansas	Kansas CRD 10	20010	Graham	20065	Northern-plains
Kansas	Kansas CRD 30	20030	Grant	20067	Northern-plains
Kansas	Kansas CRD 30	20030	Gray	20069	Northern-plains
Kansas	Kansas CRD 20	20020	Greeley	20071	Northern-plains
Kansas	Kansas CRD 90	20090	Greenwood	20073	Northern-plains
Kansas	Kansas CRD 30	20030	Hamilton	20075	Northern-plains
Kansas	Kansas CRD 60	20060	Harper	20077	Northern-plains
Kansas	Kansas CRD 60	20060	Harvey	20079	Northern-plains
Kansas	Kansas CRD 30	20030	Haskell	20081	Northern-plains
Kansas	Kansas CRD 30	20030	Hodgeman	20083	Northern-plains
Kansas	Kansas CRD 70	20070	Jackson	20085	Northern-plains
Kansas	Kansas CRD 70	20070	Jefferson	20087	Northern-plains
Kansas	Kansas CRD 40	20040	Jewell	20089	Northern-plains
Kansas	Kansas CRD 80	20080	Johnson	20091	Northern-plains
Kansas	Kansas CRD 30	20030	Kearny	20093	Northern-plains
Kansas	Kansas CRD 60	20060	Kingman	20095	Northern-plains
Kansas	Kansas CRD 60	20060	Kiowa	20097	Northern-plains
Kansas	Kansas CRD 90	20090	Labette	20099	Northern-plains
Kansas	Kansas CRD 20	20020	Lane	20101	Northern-plains
Kansas	Kansas CRD 70	20070	Leavenworth	20103	Northern-plains
Kansas	Kansas CRD 50	20050	Lincoln	20105	Northern-plains
Kansas	Kansas CRD 80	20080	Linn	20107	Northern-plains
Kansas	Kansas CRD 20	20020	Logan	20109	Northern-plains
Kansas	Kansas CRD 80	20080	Lyon	20111	Northern-plains
Kansas	Kansas CRD 50	20050	McPherson	20113	Northern-plains
Kansas	Kansas CRD 50	20050	Marion	20115	Northern-plains
Kansas	Kansas CRD 70	20070	Marshall	20117	Northern-plains
Kansas	Kansas CRD 30	20030	Meade	20119	Northern-plains
Kansas	Kansas CRD 80	20080	Miami	20121	Northern-plains
Kansas	Kansas CRD 40	20040	Mitchell	20123	Northern-plains
Kansas	Kansas CRD 90	20090	Montgomery	20125	Northern-plains
Kansas	Kansas CRD 80	20080	Morris	20127	Northern-plains
Kansas	Kansas CRD 30	20030	Morton	20129	Northern-plains
Kansas	Kansas CRD 70	20070	Nemaha	20131	Northern-plains
Kansas	Kansas CRD 90	20090	Neosho	20133	Northern-plains
Kansas	Kansas CRD 20	20020	Ness	20135	Northern-plains
Kansas	Kansas CRD 10	20010	Norton	20137	Northern-plains
Kansas	Kansas CRD 80	20080	Osage	20139	Northern-plains
Kansas	Kansas CRD 40	20040	Osborne	20141	Northern-plains

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Kansas	Kansas CRD 40	20040	Ottawa	20143	Northern-plains
Kansas	Kansas CRD 60	20060	Pawnee	20145	Northern-plains
Kansas	Kansas CRD 40	20040	Phillips	20147	Northern-plains
Kansas	Kansas CRD 70	20070	Pottawatomie	20149	Northern-plains
Kansas	Kansas CRD 60	20060	Pratt	20151	Northern-plains
Kansas	Kansas CRD 10	20010	Rawlins	20153	Northern-plains
Kansas	Kansas CRD 60	20060	Reno	20155	Northern-plains
Kansas	Kansas CRD 40	20040	Republic	20157	Northern-plains
Kansas	Kansas CRD 50	20050	Rice	20159	Northern-plains
Kansas	Kansas CRD 70	20070	Riley	20161	Northern-plains
Kansas	Kansas CRD 40	20040	Rooks	20163	Northern-plains
Kansas	Kansas CRD 50	20050	Rush	20165	Northern-plains
Kansas	Kansas CRD 50	20050	Russell	20167	Northern-plains
Kansas	Kansas CRD 50	20050	Saline	20169	Northern-plains
Kansas	Kansas CRD 20	20020	Scott	20171	Northern-plains
Kansas	Kansas CRD 60	20060	Sedgwick	20173	Northern-plains
Kansas	Kansas CRD 30	20030	Seward	20175	Northern-plains
Kansas	Kansas CRD 80	20080	Shawnee	20177	Northern-plains
Kansas	Kansas CRD 10	20010	Sheridan	20179	Northern-plains
Kansas	Kansas CRD 10	20010	Sherman	20181	Northern-plains
Kansas	Kansas CRD 40	20040	Smith	20183	Northern-plains
Kansas	Kansas CRD 60	20060	Stafford	20185	Northern-plains
Kansas	Kansas CRD 30	20030	Stanton	20187	Northern-plains
Kansas	Kansas CRD 30	20030	Stevens	20189	Northern-plains
Kansas	Kansas CRD 60	20060	Sumner	20191	Northern-plains
Kansas	Kansas CRD 10	20010	Thomas	20193	Northern-plains
Kansas	Kansas CRD 20	20020	Trego	20195	Northern-plains
Kansas	Kansas CRD 80	20080	Wabaunsee	20197	Northern-plains
Kansas	Kansas CRD 20	20020	Wallace	20199	Northern-plains
Kansas	Kansas CRD 40	20040	Washington	20201	Northern-plains
Kansas	Kansas CRD 20	20020	Wichita	20203	Northern-plains
Kansas	Kansas CRD 90	20090	Wilson	20205	Northern-plains
Kansas	Kansas CRD 90	20090	Woodson	20207	Northern-plains
Kansas	Kansas CRD 70	20070	Wyandotte	20209	Northern-plains
Kentucky	Kentucky CRD 30	21030	Adair	21001	Appalachian
Kentucky	Kentucky CRD 30	21030	Allen	21003	Appalachian
Kentucky	Kentucky CRD 50	21050	Anderson	21005	Appalachian
Kentucky	Kentucky CRD 10	21010	Ballard	21007	Appalachian
Kentucky	Kentucky CRD 30	21030	Barren	21009	Appalachian
Kentucky	Kentucky CRD 50	21050	Bath	21011	Appalachian
Kentucky	Kentucky CRD 60	21060	Bell	21013	Appalachian
Kentucky	Kentucky CRD 40	21040	Boone	21015	Appalachian

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Kentucky	Kentucky CRD 50	21050	Bourbon	21017	Appalachian
Kentucky	Kentucky CRD 60	21060	Boyd	21019	Appalachian
Kentucky	Kentucky CRD 50	21050	Boyle	21021	Appalachian
Kentucky	Kentucky CRD 40	21040	Bracken	21023	Appalachian
Kentucky	Kentucky CRD 60	21060	Breathitt	21025	Appalachian
Kentucky	Kentucky CRD 30	21030	Breckinridge	21027	Appalachian
Kentucky	Kentucky CRD 30	21030	Bullitt	21029	Appalachian
Kentucky	Kentucky CRD 30	21030	Butler	21031	Appalachian
Kentucky	Kentucky CRD 20	21020	Caldwell	21033	Appalachian
Kentucky	Kentucky CRD 10	21010	Calloway	21035	Appalachian
Kentucky	Kentucky CRD 40	21040	Campbell	21037	Appalachian
Kentucky	Kentucky CRD 10	21010	Carlisle	21039	Appalachian
Kentucky	Kentucky CRD 40	21040	Carroll	21041	Appalachian
Kentucky	Kentucky CRD 60	21060	Carter	21043	Appalachian
Kentucky	Kentucky CRD 30	21030	Casey	21045	Appalachian
Kentucky	Kentucky CRD 20	21020	Christian	21047	Appalachian
Kentucky	Kentucky CRD 50	21050	Clark	21049	Appalachian
Kentucky	Kentucky CRD 60	21060	Clay	21051	Appalachian
Kentucky	Kentucky CRD 30	21030	Clinton	21053	Appalachian
Kentucky	Kentucky CRD 20	21020	Crittenden	21055	Appalachian
Kentucky	Kentucky CRD 30	21030	Cumberland	21057	Appalachian
Kentucky	Kentucky CRD 20	21020	Daviess	21059	Appalachian
Kentucky	Kentucky CRD 30	21030	Edmonson	21061	Appalachian
Kentucky	Kentucky CRD 60	21060	Elliott	21063	Appalachian
Kentucky	Kentucky CRD 60	21060	Estill	21065	Appalachian
Kentucky	Kentucky CRD 50	21050	Fayette	21067	Appalachian
Kentucky	Kentucky CRD 50	21050	Fleming	21069	Appalachian
Kentucky	Kentucky CRD 60	21060	Floyd	21071	Appalachian
Kentucky	Kentucky CRD 50	21050	Franklin	21073	Appalachian
Kentucky	Kentucky CRD 10	21010	Fulton	21075	Appalachian
Kentucky	Kentucky CRD 40	21040	Gallatin	21077	Appalachian
Kentucky	Kentucky CRD 50	21050	Garrard	21079	Appalachian
Kentucky	Kentucky CRD 40	21040	Grant	21081	Appalachian
Kentucky	Kentucky CRD 10	21010	Graves	21083	Appalachian
Kentucky	Kentucky CRD 30	21030	Grayson	21085	Appalachian
Kentucky	Kentucky CRD 30	21030	Green	21087	Appalachian
Kentucky	Kentucky CRD 60	21060	Greenup	21089	Appalachian
Kentucky	Kentucky CRD 20	21020	Hancock	21091	Appalachian
Kentucky	Kentucky CRD 30	21030	Hardin	21093	Appalachian
Kentucky	Kentucky CRD 60	21060	Harlan	21095	Appalachian
Kentucky	Kentucky CRD 50	21050	Harrison	21097	Appalachian
Kentucky	Kentucky CRD 30	21030	Hart	21099	Appalachian

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Kentucky	Kentucky CRD 20	21020	Henderson	21101	Appalachian
Kentucky	Kentucky CRD 40	21040	Henry	21103	Appalachian
Kentucky	Kentucky CRD 10	21010	Hickman	21105	Appalachian
Kentucky	Kentucky CRD 20	21020	Hopkins	21107	Appalachian
Kentucky	Kentucky CRD 60	21060	Jackson	21109	Appalachian
Kentucky	Kentucky CRD 30	21030	Jefferson	21111	Appalachian
Kentucky	Kentucky CRD 50	21050	Jessamine	21113	Appalachian
Kentucky	Kentucky CRD 60	21060	Johnson	21115	Appalachian
Kentucky	Kentucky CRD 40	21040	Kenton	21117	Appalachian
Kentucky	Kentucky CRD 60	21060	Knott	21119	Appalachian
Kentucky	Kentucky CRD 60	21060	Knox	21121	Appalachian
Kentucky	Kentucky CRD 30	21030	Larue	21123	Appalachian
Kentucky	Kentucky CRD 60	21060	Laurel	21125	Appalachian
Kentucky	Kentucky CRD 60	21060	Lawrence	21127	Appalachian
Kentucky	Kentucky CRD 60	21060	Lee	21129	Appalachian
Kentucky	Kentucky CRD 60	21060	Leslie	21131	Appalachian
Kentucky	Kentucky CRD 60	21060	Letcher	21133	Appalachian
Kentucky	Kentucky CRD 60	21060	Lewis	21135	Appalachian
Kentucky	Kentucky CRD 50	21050	Lincoln	21137	Appalachian
Kentucky	Kentucky CRD 10	21010	Livingston	21139	Appalachian
Kentucky	Kentucky CRD 20	21020	Logan	21141	Appalachian
Kentucky	Kentucky CRD 10	21010	Lyon	21143	Appalachian
Kentucky	Kentucky CRD 10	21010	McCracken	21145	Appalachian
Kentucky	Kentucky CRD 60	21060	McCreary	21147	Appalachian
Kentucky	Kentucky CRD 20	21020	McLean	21149	Appalachian
Kentucky	Kentucky CRD 50	21050	Madison	21151	Appalachian
Kentucky	Kentucky CRD 60	21060	Magoffin	21153	Appalachian
Kentucky	Kentucky CRD 30	21030	Marion	21155	Appalachian
Kentucky	Kentucky CRD 10	21010	Marshall	21157	Appalachian
Kentucky	Kentucky CRD 60	21060	Martin	21159	Appalachian
Kentucky	Kentucky CRD 50	21050	Mason	21161	Appalachian
Kentucky	Kentucky CRD 30	21030	Meade	21163	Appalachian
Kentucky	Kentucky CRD 60	21060	Menifee	21165	Appalachian
Kentucky	Kentucky CRD 50	21050	Mercer	21167	Appalachian
Kentucky	Kentucky CRD 30	21030	Metcalfe	21169	Appalachian
Kentucky	Kentucky CRD 30	21030	Monroe	21171	Appalachian
Kentucky	Kentucky CRD 50	21050	Montgomery	21173	Appalachian
Kentucky	Kentucky CRD 60	21060	Morgan	21175	Appalachian
Kentucky	Kentucky CRD 20	21020	Muhlenberg	21177	Appalachian
Kentucky	Kentucky CRD 30	21030	Nelson	21179	Appalachian
Kentucky	Kentucky CRD 50	21050	Nicholas	21181	Appalachian
Kentucky	Kentucky CRD 20	21020	Ohio	21183	Appalachian

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Kentucky	Kentucky CRD 40	21040	Oldham	21185	Appalachian
Kentucky	Kentucky CRD 40	21040	Owen	21187	Appalachian
Kentucky	Kentucky CRD 60	21060	Owsley	21189	Appalachian
Kentucky	Kentucky CRD 40	21040	Pendleton	21191	Appalachian
Kentucky	Kentucky CRD 60	21060	Perry	21193	Appalachian
Kentucky	Kentucky CRD 60	21060	Pike	21195	Appalachian
Kentucky	Kentucky CRD 60	21060	Powell	21197	Appalachian
Kentucky	Kentucky CRD 60	21060	Pulaski	21199	Appalachian
Kentucky	Kentucky CRD 50	21050	Robertson	21201	Appalachian
Kentucky	Kentucky CRD 60	21060	Rockcastle	21203	Appalachian
Kentucky	Kentucky CRD 60	21060	Rowan	21205	Appalachian
Kentucky	Kentucky CRD 30	21030	Russell	21207	Appalachian
Kentucky	Kentucky CRD 50	21050	Scott	21209	Appalachian
Kentucky	Kentucky CRD 50	21050	Shelby	21211	Appalachian
Kentucky	Kentucky CRD 20	21020	Simpson	21213	Appalachian
Kentucky	Kentucky CRD 50	21050	Spencer	21215	Appalachian
Kentucky	Kentucky CRD 30	21030	Taylor	21217	Appalachian
Kentucky	Kentucky CRD 20	21020	Todd	21219	Appalachian
Kentucky	Kentucky CRD 10	21010	Trigg	21221	Appalachian
Kentucky	Kentucky CRD 40	21040	Trimble	21223	Appalachian
Kentucky	Kentucky CRD 20	21020	Union	21225	Appalachian
Kentucky	Kentucky CRD 30	21030	Warren	21227	Appalachian
Kentucky	Kentucky CRD 50	21050	Washington	21229	Appalachian
Kentucky	Kentucky CRD 60	21060	Wayne	21231	Appalachian
Kentucky	Kentucky CRD 20	21020	Webster	21233	Appalachian
Kentucky	Kentucky CRD 60	21060	Whitley	21235	Appalachian
Kentucky	Kentucky CRD 60	21060	Wolfe	21237	Appalachian
Kentucky	Kentucky CRD 50	21050	Woodford	21239	Appalachian
Louisiana	Louisiana CRD 70	22070	Acadia	22001	Delta
Louisiana	Louisiana CRD 70	22070	Allen	22003	Delta
Louisiana	Louisiana CRD 90	22090	Ascension	22005	Delta
Louisiana	Louisiana CRD 80	22080	Assumption	22007	Delta
Louisiana	Louisiana CRD 50	22050	Avoyelles	22009	Delta
Louisiana	Louisiana CRD 70	22070	Beauregard	22011	Delta
Louisiana	Louisiana CRD 20	22020	Bienville	22013	Delta
Louisiana	Louisiana CRD 10	22010	Bossier	22015	Delta
Louisiana	Louisiana CRD 10	22010	Caddo	22017	Delta
Louisiana	Louisiana CRD 70	22070	Calcasieu	22019	Delta
Louisiana	Louisiana CRD 20	22020	Caldwell	22021	Delta
Louisiana	Louisiana CRD 70	22070	Cameron	22023	Delta
Louisiana	Louisiana CRD 50	22050	Catahoula	22025	Delta
Louisiana	Louisiana CRD 20	22020	Claiborne	22027	Delta

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Louisiana	Louisiana CRD 50	22050	Concordia	22029	Delta
Louisiana	Louisiana CRD 10	22010	De Soto	22031	Delta
Louisiana	Louisiana CRD 60	22060	East Baton Rouge	22033	Delta
Louisiana	Louisiana CRD 30	22030	East Carroll	22035	Delta
Louisiana	Louisiana CRD 60	22060	East Feliciana	22037	Delta
Louisiana	Louisiana CRD 50	22050	Evangeline	22039	Delta
Louisiana	Louisiana CRD 30	22030	Franklin	22041	Delta
Louisiana	Louisiana CRD 50	22050	Grant	22043	Delta
Louisiana	Louisiana CRD 80	22080	Iberia	22045	Delta
Louisiana	Louisiana CRD 80	22080	Iberville	22047	Delta
Louisiana	Louisiana CRD 20	22020	Jackson	22049	Delta
Louisiana	Louisiana CRD 90	22090	Jefferson	22051	Delta
Louisiana	Louisiana CRD 70	22070	Jefferson Davis	22053	Delta
Louisiana	Louisiana CRD 80	22080	Lafayette	22055	Delta
Louisiana	Louisiana CRD 90	22090	Lafourche	22057	Delta
Louisiana	Louisiana CRD 50	22050	La Salle	22059	Delta
Louisiana	Louisiana CRD 20	22020	Lincoln	22061	Delta
Louisiana	Louisiana CRD 60	22060	Livingston	22063	Delta
Louisiana	Louisiana CRD 30	22030	Madison	22065	Delta
Louisiana	Louisiana CRD 30	22030	Morehouse	22067	Delta
Louisiana	Louisiana CRD 40	22040	Natchitoches	22069	Delta
Louisiana	Louisiana CRD 90	22090	Orleans	22071	Delta
Louisiana	Louisiana CRD 20	22020	Ouachita	22073	Delta
Louisiana	Louisiana CRD 90	22090	Plaquemines	22075	Delta
Louisiana	Louisiana CRD 50	22050	Pointe Coupee	22077	Delta
Louisiana	Louisiana CRD 50	22050	Rapides	22079	Delta
Louisiana	Louisiana CRD 10	22010	Red River	22081	Delta
Louisiana	Louisiana CRD 30	22030	Richland	22083	Delta
Louisiana	Louisiana CRD 40	22040	Sabine	22085	Delta
Louisiana	Louisiana CRD 90	22090	St. Bernard	22087	Delta
Louisiana	Louisiana CRD 90	22090	St. Charles	22089	Delta
Louisiana	Louisiana CRD 60	22060	St. Helena	22091	Delta
Louisiana	Louisiana CRD 90	22090	St. James	22093	Delta
Louisiana	Louisiana CRD 90	22090	St. John the Baptist	22095	Delta
Louisiana	Louisiana CRD 50	22050	St. Landry	22097	Delta
Louisiana	Louisiana CRD 80	22080	St. Martin	22099	Delta
Louisiana	Louisiana CRD 80	22080	St. Mary	22101	Delta
Louisiana	Louisiana CRD 60	22060	St. Tammany	22103	Delta
Louisiana	Louisiana CRD 60	22060	Tangipahoa	22105	Delta
Louisiana	Louisiana CRD 30	22030	Tensas	22107	Delta
Louisiana	Louisiana CRD 90	22090	Terrebonne	22109	Delta
Louisiana	Louisiana CRD 20	22020	Union	22111	Delta

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Louisiana	Louisiana CRD 70	22070	Vermilion	22113	Delta
Louisiana	Louisiana CRD 40	22040	Vernon	22115	Delta
Louisiana	Louisiana CRD 60	22060	Washington	22117	Delta
Louisiana	Louisiana CRD 10	22010	Webster	22119	Delta
Louisiana	Louisiana CRD 50	22050	West Baton Rouge	22121	Delta
Louisiana	Louisiana CRD 30	22030	West Carroll	22123	Delta
Louisiana	Louisiana CRD 60	22060	West Feliciana	22125	Delta
Louisiana	Louisiana CRD 20	22020	Winn	22127	Delta
Maine	Maine CRD 30	23030	Androscoggin	23001	Northeast
Maine	Maine CRD 10	23010	Aroostook	23003	Northeast
Maine	Maine CRD 30	23030	Cumberland	23005	Northeast
Maine	Maine CRD 30	23030	Franklin	23007	Northeast
Maine	Maine CRD 20	23020	Hancock	23009	Northeast
Maine	Maine CRD 30	23030	Kennebec	23011	Northeast
Maine	Maine CRD 30	23030	Knox	23013	Northeast
Maine	Maine CRD 30	23030	Lincoln	23015	Northeast
Maine	Maine CRD 30	23030	Oxford	23017	Northeast
Maine	Maine CRD 20	23020	Penobscot	23019	Northeast
Maine	Maine CRD 20	23020	Piscataquis	23021	Northeast
Maine	Maine CRD 30	23030	Sagadahoc	23023	Northeast
Maine	Maine CRD 20	23020	Somerset	23025	Northeast
Maine	Maine CRD 20	23020	Waldo	23027	Northeast
Maine	Maine CRD 20	23020	Washington	23029	Northeast
Maine	Maine CRD 30	23030	York	23031	Northeast
Maryland	Maryland CRD 10	24010	Allegany	24001	Northeast
Maryland	Maryland CRD 80	24080	Anne Arundel	24003	Northeast
Maryland	Maryland CRD 20	24020	Baltimore	24005	Northeast
Maryland	Maryland CRD 80	24080	Calvert	24009	Northeast
Maryland	Maryland CRD 30	24030	Caroline	24011	Northeast
Maryland	Maryland CRD 20	24020	Carroll	24013	Northeast
Maryland	Maryland CRD 30	24030	Cecil	24015	Northeast
Maryland	Maryland CRD 80	24080	Charles	24017	Northeast
Maryland	Maryland CRD 90	24090	Dorchester	24019	Northeast
Maryland	Maryland CRD 20	24020	Frederick	24021	Northeast
Maryland	Maryland CRD 10	24010	Garrett	24023	Northeast
Maryland	Maryland CRD 20	24020	Harford	24025	Northeast
Maryland	Maryland CRD 20	24020	Howard	24027	Northeast
Maryland	Maryland CRD 30	24030	Kent	24029	Northeast
Maryland	Maryland CRD 20	24020	Montgomery	24031	Northeast
Maryland	Maryland CRD 80	24080	Prince George's	24033	Northeast
Maryland	Maryland CRD 30	24030	Queen Anne's	24035	Northeast
Maryland	Maryland CRD 80	24080	St. Mary's	24037	Northeast

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Maryland	Maryland CRD 90	24090	Somerset	24039	Northeast
Maryland	Maryland CRD 30	24030	Talbot	24041	Northeast
Maryland	Maryland CRD 20	24020	Washington	24043	Northeast
Maryland	Maryland CRD 90	24090	Wicomico	24045	Northeast
Maryland	Maryland CRD 90	24090	Worcester	24047	Northeast
Maryland	Maryland CRD 20	24020	Baltimore	24510	Northeast
Massachusetts	Massachusetts CRD 10	25010	Barnstable	25001	Northeast
Massachusetts	Massachusetts CRD 10	25010	Berkshire	25003	Northeast
Massachusetts	Massachusetts CRD 10	25010	Bristol	25005	Northeast
Massachusetts	Massachusetts CRD 10	25010	Dukes	25007	Northeast
Massachusetts	Massachusetts CRD 10	25010	Essex	25009	Northeast
Massachusetts	Massachusetts CRD 10	25010	Franklin	25011	Northeast
Massachusetts	Massachusetts CRD 10	25010	Hampden	25013	Northeast
Massachusetts	Massachusetts CRD 10	25010	Hampshire	25015	Northeast
Massachusetts	Massachusetts CRD 10	25010	Middlesex	25017	Northeast
Massachusetts	Massachusetts CRD 10	25010	Nantucket	25019	Northeast
Massachusetts	Massachusetts CRD 10	25010	Norfolk	25021	Northeast
Massachusetts	Massachusetts CRD 10	25010	Plymouth	25023	Northeast
Massachusetts	Massachusetts CRD 10	25010	Suffolk	25025	Northeast
Massachusetts	Massachusetts CRD 10	25010	Worcester	25027	Northeast
Michigan	Michigan CRD 30	26030	Alcona	26001	Lake-states
Michigan	Michigan CRD 10	26010	Alger	26003	Lake-states
Michigan	Michigan CRD 70	26070	Allegan	26005	Lake-states
Michigan	Michigan CRD 30	26030	Alpena	26007	Lake-states
Michigan	Michigan CRD 20	26020	Antrim	26009	Lake-states
Michigan	Michigan CRD 60	26060	Arenac	26011	Lake-states
Michigan	Michigan CRD 10	26010	Baraga	26013	Lake-states
Michigan	Michigan CRD 80	26080	Barry	26015	Lake-states
Michigan	Michigan CRD 60	26060	Bay	26017	Lake-states
Michigan	Michigan CRD 20	26020	Benzie	26019	Lake-states
Michigan	Michigan CRD 70	26070	Berrien	26021	Lake-states
Michigan	Michigan CRD 80	26080	Branch	26023	Lake-states
Michigan	Michigan CRD 80	26080	Calhoun	26025	Lake-states
Michigan	Michigan CRD 70	26070	Cass	26027	Lake-states
Michigan	Michigan CRD 20	26020	Charlevoix	26029	Lake-states
Michigan	Michigan CRD 30	26030	Cheboygan	26031	Lake-states
Michigan	Michigan CRD 10	26010	Chippewa	26033	Lake-states
Michigan	Michigan CRD 50	26050	Clare	26035	Lake-states
Michigan	Michigan CRD 80	26080	Clinton	26037	Lake-states
Michigan	Michigan CRD 30	26030	Crawford	26039	Lake-states
Michigan	Michigan CRD 10	26010	Delta	26041	Lake-states
Michigan	Michigan CRD 10	26010	Dickinson	26043	Lake-states

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Michigan	Michigan CRD 80	26080	Eaton	26045	Lake-states
Michigan	Michigan CRD 20	26020	Emmet	26047	Lake-states
Michigan	Michigan CRD 90	26090	Genesee	26049	Lake-states
Michigan	Michigan CRD 50	26050	Gladwin	26051	Lake-states
Michigan	Michigan CRD 10	26010	Gogebic	26053	Lake-states
Michigan	Michigan CRD 20	26020	Grand Traverse	26055	Lake-states
Michigan	Michigan CRD 50	26050	Gratiot	26057	Lake-states
Michigan	Michigan CRD 80	26080	Hillsdale	26059	Lake-states
Michigan	Michigan CRD 10	26010	Houghton	26061	Lake-states
Michigan	Michigan CRD 60	26060	Huron	26063	Lake-states
Michigan	Michigan CRD 80	26080	Ingham	26065	Lake-states
Michigan	Michigan CRD 80	26080	Ionia	26067	Lake-states
Michigan	Michigan CRD 30	26030	Iosco	26069	Lake-states
Michigan	Michigan CRD 10	26010	Iron	26071	Lake-states
Michigan	Michigan CRD 50	26050	Isabella	26073	Lake-states
Michigan	Michigan CRD 80	26080	Jackson	26075	Lake-states
Michigan	Michigan CRD 70	26070	Kalamazoo	26077	Lake-states
Michigan	Michigan CRD 20	26020	Kalkaska	26079	Lake-states
Michigan	Michigan CRD 70	26070	Kent	26081	Lake-states
Michigan	Michigan CRD 10	26010	Keweenaw	26083	Lake-states
Michigan	Michigan CRD 40	26040	Lake	26085	Lake-states
Michigan	Michigan CRD 90	26090	Lapeer	26087	Lake-states
Michigan	Michigan CRD 20	26020	Leelanau	26089	Lake-states
Michigan	Michigan CRD 90	26090	Lenawee	26091	Lake-states
Michigan	Michigan CRD 90	26090	Livingston	26093	Lake-states
Michigan	Michigan CRD 10	26010	Luce	26095	Lake-states
Michigan	Michigan CRD 10	26010	Mackinac	26097	Lake-states
Michigan	Michigan CRD 90	26090	Macomb	26099	Lake-states
Michigan	Michigan CRD 20	26020	Manistee	26101	Lake-states
Michigan	Michigan CRD 10	26010	Marquette	26103	Lake-states
Michigan	Michigan CRD 40	26040	Mason	26105	Lake-states
Michigan	Michigan CRD 50	26050	Mecosta	26107	Lake-states
Michigan	Michigan CRD 10	26010	Menominee	26109	Lake-states
Michigan	Michigan CRD 50	26050	Midland	26111	Lake-states
Michigan	Michigan CRD 20	26020	Missaukee	26113	Lake-states
Michigan	Michigan CRD 90	26090	Monroe	26115	Lake-states
Michigan	Michigan CRD 50	26050	Montcalm	26117	Lake-states
Michigan	Michigan CRD 30	26030	Montmorency	26119	Lake-states
Michigan	Michigan CRD 40	26040	Presque Isle	26121	Lake-states
Michigan	Michigan CRD 40	26040	Newaygo	26123	Lake-states
Michigan	Michigan CRD 90	26090	Oakland	26125	Lake-states
Michigan	Michigan CRD 40	26040	Oceana	26127	Lake-states

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Michigan	Michigan CRD 30	26030	Ogemaw	26129	Lake-states
Michigan	Michigan CRD 10	26010	Ontonagon	26131	Lake-states
Michigan	Michigan CRD 50	26050	Osceola	26133	Lake-states
Michigan	Michigan CRD 30	26030	Oscoda	26135	Lake-states
Michigan	Michigan CRD 30	26030	Otsego	26137	Lake-states
Michigan	Michigan CRD 70	26070	Ottawa	26139	Lake-states
Michigan	Michigan CRD 30	26030	Presque Isle	26141	Lake-states
Michigan	Michigan CRD 30	26030	Roscommon	26143	Lake-states
Michigan	Michigan CRD 60	26060	Saginaw	26145	Lake-states
Michigan	Michigan CRD 90	26090	St. Clair	26147	Lake-states
Michigan	Michigan CRD 80	26080	St. Joseph	26149	Lake-states
Michigan	Michigan CRD 60	26060	Sanilac	26151	Lake-states
Michigan	Michigan CRD 10	26010	Schoolcraft	26153	Lake-states
Michigan	Michigan CRD 80	26080	Shiawassee	26155	Lake-states
Michigan	Michigan CRD 60	26060	Tuscola	26157	Lake-states
Michigan	Michigan CRD 70	26070	Van Buren	26159	Lake-states
Michigan	Michigan CRD 90	26090	Washtenaw	26161	Lake-states
Michigan	Michigan CRD 90	26090	Wayne	26163	Lake-states
Michigan	Michigan CRD 20	26020	Wexford	26165	Lake-states
Minnesota	Minnesota CRD 60	27060	Aitkin	27001	Lake-states
Minnesota	Minnesota CRD 60	27060	Anoka	27003	Lake-states
Minnesota	Minnesota CRD 10	27010	Becker	27005	Lake-states
Minnesota	Minnesota CRD 20	27020	Beltrami	27007	Lake-states
Minnesota	Minnesota CRD 50	27050	Benton	27009	Lake-states
Minnesota	Minnesota CRD 40	27040	Big Stone	27011	Lake-states
Minnesota	Minnesota CRD 80	27080	Blue Earth	27013	Lake-states
Minnesota	Minnesota CRD 80	27080	Brown	27015	Lake-states
Minnesota	Minnesota CRD 60	27060	Carlton	27017	Lake-states
Minnesota	Minnesota CRD 50	27050	Carver	27019	Lake-states
Minnesota	Minnesota CRD 20	27020	Cass	27021	Lake-states
Minnesota	Minnesota CRD 40	27040	Chippewa	27023	Lake-states
Minnesota	Minnesota CRD 60	27060	Chisago	27025	Lake-states
Minnesota	Minnesota CRD 10	27010	Clay	27027	Lake-states
Minnesota	Minnesota CRD 10	27010	Clearwater	27029	Lake-states
Minnesota	Minnesota CRD 30	27030	Cook	27031	Lake-states
Minnesota	Minnesota CRD 70	27070	Cottonwood	27033	Lake-states
Minnesota	Minnesota CRD 60	27060	Crow Wing	27035	Lake-states
Minnesota	Minnesota CRD 90	27090	Dakota	27037	Lake-states
Minnesota	Minnesota CRD 90	27090	Dodge	27039	Lake-states
Minnesota	Minnesota CRD 40	27040	Douglas	27041	Lake-states
Minnesota	Minnesota CRD 80	27080	Faribault	27043	Lake-states
Minnesota	Minnesota CRD 90	27090	Fillmore	27045	Lake-states

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Minnesota	Minnesota CRD 80	27080	Freeborn	27047	Lake-states
Minnesota	Minnesota CRD 90	27090	Goodhue	27049	Lake-states
Minnesota	Minnesota CRD 40	27040	Grant	27051	Lake-states
Minnesota	Minnesota CRD 60	27060	Hennepin	27053	Lake-states
Minnesota	Minnesota CRD 90	27090	Houston	27055	Lake-states
Minnesota	Minnesota CRD 20	27020	Hubbard	27057	Lake-states
Minnesota	Minnesota CRD 60	27060	Isanti	27059	Lake-states
Minnesota	Minnesota CRD 20	27020	Itasca	27061	Lake-states
Minnesota	Minnesota CRD 70	27070	Jackson	27063	Lake-states
Minnesota	Minnesota CRD 60	27060	Kanabec	27065	Lake-states
Minnesota	Minnesota CRD 50	27050	Kandiyohi	27067	Lake-states
Minnesota	Minnesota CRD 10	27010	Kittson	27069	Lake-states
Minnesota	Minnesota CRD 20	27020	Koochiching	27071	Lake-states
Minnesota	Minnesota CRD 40	27040	Lac Qui Parle	27073	Lake-states
Minnesota	Minnesota CRD 30	27030	Lake	27075	Lake-states
Minnesota	Minnesota CRD 20	27020	Lake of the Woods	27077	Lake-states
Minnesota	Minnesota CRD 80	27080	Le Sueur	27079	Lake-states
Minnesota	Minnesota CRD 70	27070	Lincoln	27081	Lake-states
Minnesota	Minnesota CRD 70	27070	Lyon	27083	Lake-states
Minnesota	Minnesota CRD 50	27050	McLeod	27085	Lake-states
Minnesota	Minnesota CRD 10	27010	Mahnomen	27087	Lake-states
Minnesota	Minnesota CRD 10	27010	Marshall	27089	Lake-states
Minnesota	Minnesota CRD 80	27080	Martin	27091	Lake-states
Minnesota	Minnesota CRD 50	27050	Meeker	27093	Lake-states
Minnesota	Minnesota CRD 60	27060	Mille Lacs	27095	Lake-states
Minnesota	Minnesota CRD 50	27050	Morrison	27097	Lake-states
Minnesota	Minnesota CRD 90	27090	Mower	27099	Lake-states
Minnesota	Minnesota CRD 70	27070	Murray	27101	Lake-states
Minnesota	Minnesota CRD 80	27080	Nicollet	27103	Lake-states
Minnesota	Minnesota CRD 70	27070	Nobles	27105	Lake-states
Minnesota	Minnesota CRD 10	27010	Norman	27107	Lake-states
Minnesota	Minnesota CRD 90	27090	Olmsted	27109	Lake-states
Minnesota	Minnesota CRD 40	27040	Otter Tail	27111	Lake-states
Minnesota	Minnesota CRD 10	27010	Pennington	27113	Lake-states
Minnesota	Minnesota CRD 60	27060	Pine	27115	Lake-states
Minnesota	Minnesota CRD 70	27070	Pipestone	27117	Lake-states
Minnesota	Minnesota CRD 10	27010	Polk	27119	Lake-states
Minnesota	Minnesota CRD 40	27040	Pope	27121	Lake-states
Minnesota	Minnesota CRD 60	27060	Ramsey	27123	Lake-states
Minnesota	Minnesota CRD 10	27010	Red Lake	27125	Lake-states
Minnesota	Minnesota CRD 70	27070	Redwood	27127	Lake-states
Minnesota	Minnesota CRD 50	27050	Renville	27129	Lake-states

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Minnesota	Minnesota CRD 80	27080	Rice	27131	Lake-states
Minnesota	Minnesota CRD 70	27070	Rock	27133	Lake-states
Minnesota	Minnesota CRD 10	27010	Roseau	27135	Lake-states
Minnesota	Minnesota CRD 30	27030	St. Louis	27137	Lake-states
Minnesota	Minnesota CRD 50	27050	Scott	27139	Lake-states
Minnesota	Minnesota CRD 50	27050	Sherburne	27141	Lake-states
Minnesota	Minnesota CRD 50	27050	Sibley	27143	Lake-states
Minnesota	Minnesota CRD 50	27050	Stearns	27145	Lake-states
Minnesota	Minnesota CRD 80	27080	Steele	27147	Lake-states
Minnesota	Minnesota CRD 40	27040	Stevens	27149	Lake-states
Minnesota	Minnesota CRD 40	27040	Swift	27151	Lake-states
Minnesota	Minnesota CRD 50	27050	Todd	27153	Lake-states
Minnesota	Minnesota CRD 40	27040	Traverse	27155	Lake-states
Minnesota	Minnesota CRD 90	27090	Wabasha	27157	Lake-states
Minnesota	Minnesota CRD 50	27050	Wadena	27159	Lake-states
Minnesota	Minnesota CRD 80	27080	Waseca	27161	Lake-states
Minnesota	Minnesota CRD 60	27060	Washington	27163	Lake-states
Minnesota	Minnesota CRD 80	27080	Watsonwan	27165	Lake-states
Minnesota	Minnesota CRD 40	27040	Wilkin	27167	Lake-states
Minnesota	Minnesota CRD 90	27090	Winona	27169	Lake-states
Minnesota	Minnesota CRD 50	27050	Wright	27171	Lake-states
Minnesota	Minnesota CRD 40	27040	Yellow Medicine	27173	Lake-states
Mississippi	Mississippi CRD 70	28070	Adams	28001	Delta
Mississippi	Mississippi CRD 30	28030	Alcorn	28003	Delta
Mississippi	Mississippi CRD 70	28070	Amite	28005	Delta
Mississippi	Mississippi CRD 50	28050	Attala	28007	Delta
Mississippi	Mississippi CRD 20	28020	Benton	28009	Delta
Mississippi	Mississippi CRD 10	28010	Bolivar	28011	Delta
Mississippi	Mississippi CRD 20	28020	Calhoun	28013	Delta
Mississippi	Mississippi CRD 50	28050	Carroll	28015	Delta
Mississippi	Mississippi CRD 60	28060	Chickasaw	28017	Delta
Mississippi	Mississippi CRD 50	28050	Choctaw	28019	Delta
Mississippi	Mississippi CRD 70	28070	Claiborne	28021	Delta
Mississippi	Mississippi CRD 90	28090	Clarke	28023	Delta
Mississippi	Mississippi CRD 60	28060	Clay	28025	Delta
Mississippi	Mississippi CRD 10	28010	Coahoma	28027	Delta
Mississippi	Mississippi CRD 70	28070	Copiah	28029	Delta
Mississippi	Mississippi CRD 80	28080	Covington	28031	Delta
Mississippi	Mississippi CRD 20	28020	De Soto	28033	Delta
Mississippi	Mississippi CRD 90	28090	Forrest	28035	Delta
Mississippi	Mississippi CRD 70	28070	Franklin	28037	Delta
Mississippi	Mississippi CRD 90	28090	George	28039	Delta

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Mississippi	Mississippi CRD 90	28090	Greene	28041	Delta
Mississippi	Mississippi CRD 20	28020	Grenada	28043	Delta
Mississippi	Mississippi CRD 90	28090	Hancock	28045	Delta
Mississippi	Mississippi CRD 90	28090	Harrison	28047	Delta
Mississippi	Mississippi CRD 70	28070	Hinds	28049	Delta
Mississippi	Mississippi CRD 50	28050	Holmes	28051	Delta
Mississippi	Mississippi CRD 40	28040	Humphreys	28053	Delta
Mississippi	Mississippi CRD 40	28040	Issaquena	28055	Delta
Mississippi	Mississippi CRD 30	28030	Itawamba	28057	Delta
Mississippi	Mississippi CRD 90	28090	Jackson	28059	Delta
Mississippi	Mississippi CRD 90	28090	Jasper	28061	Delta
Mississippi	Mississippi CRD 70	28070	Jefferson	28063	Delta
Mississippi	Mississippi CRD 80	28080	Jefferson Davis	28065	Delta
Mississippi	Mississippi CRD 90	28090	Jones	28067	Delta
Mississippi	Mississippi CRD 60	28060	Kemper	28069	Delta
Mississippi	Mississippi CRD 20	28020	Lafayette	28071	Delta
Mississippi	Mississippi CRD 80	28080	Lamar	28073	Delta
Mississippi	Mississippi CRD 90	28090	Lauderdale	28075	Delta
Mississippi	Mississippi CRD 80	28080	Lawrence	28077	Delta
Mississippi	Mississippi CRD 50	28050	Leake	28079	Delta
Mississippi	Mississippi CRD 30	28030	Lee	28081	Delta
Mississippi	Mississippi CRD 40	28040	Leflore	28083	Delta
Mississippi	Mississippi CRD 70	28070	Lincoln	28085	Delta
Mississippi	Mississippi CRD 60	28060	Lowndes	28087	Delta
Mississippi	Mississippi CRD 50	28050	Madison	28089	Delta
Mississippi	Mississippi CRD 80	28080	Marion	28091	Delta
Mississippi	Mississippi CRD 20	28020	Marshall	28093	Delta
Mississippi	Mississippi CRD 60	28060	Monroe	28095	Delta
Mississippi	Mississippi CRD 50	28050	Montgomery	28097	Delta
Mississippi	Mississippi CRD 60	28060	Neshoba	28099	Delta
Mississippi	Mississippi CRD 90	28090	Newton	28101	Delta
Mississippi	Mississippi CRD 60	28060	Noxubee	28103	Delta
Mississippi	Mississippi CRD 60	28060	Oktibbeha	28105	Delta
Mississippi	Mississippi CRD 20	28020	Panola	28107	Delta
Mississippi	Mississippi CRD 90	28090	Pearl River	28109	Delta
Mississippi	Mississippi CRD 90	28090	Perry	28111	Delta
Mississippi	Mississippi CRD 80	28080	Pike	28113	Delta
Mississippi	Mississippi CRD 30	28030	Pontotoc	28115	Delta
Mississippi	Mississippi CRD 30	28030	Prentiss	28117	Delta
Mississippi	Mississippi CRD 10	28010	Quitman	28119	Delta
Mississippi	Mississippi CRD 50	28050	Rankin	28121	Delta
Mississippi	Mississippi CRD 50	28050	Scott	28123	Delta

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Mississippi	Mississippi CRD 40	28040	Sharkey	28125	Delta
Mississippi	Mississippi CRD 80	28080	Simpson	28127	Delta
Mississippi	Mississippi CRD 80	28080	Smith	28129	Delta
Mississippi	Mississippi CRD 90	28090	Stone	28131	Delta
Mississippi	Mississippi CRD 40	28040	Sunflower	28133	Delta
Mississippi	Mississippi CRD 10	28010	Tallahatchie	28135	Delta
Mississippi	Mississippi CRD 20	28020	Tate	28137	Delta
Mississippi	Mississippi CRD 30	28030	Tippah	28139	Delta
Mississippi	Mississippi CRD 30	28030	Tishomingo	28141	Delta
Mississippi	Mississippi CRD 10	28010	Tunica	28143	Delta
Mississippi	Mississippi CRD 30	28030	Union	28145	Delta
Mississippi	Mississippi CRD 80	28080	Walthall	28147	Delta
Mississippi	Mississippi CRD 70	28070	Warren	28149	Delta
Mississippi	Mississippi CRD 40	28040	Washington	28151	Delta
Mississippi	Mississippi CRD 90	28090	Wayne	28153	Delta
Mississippi	Mississippi CRD 50	28050	Webster	28155	Delta
Mississippi	Mississippi CRD 70	28070	Wilkinson	28157	Delta
Mississippi	Mississippi CRD 60	28060	Winston	28159	Delta
Mississippi	Mississippi CRD 20	28020	Yalobusha	28161	Delta
Mississippi	Mississippi CRD 40	28040	Yazoo	28163	Delta
Missouri	Missouri CRD 20	29020	Adair	29001	Corn-belt
Missouri	Missouri CRD 10	29010	Andrew	29003	Corn-belt
Missouri	Missouri CRD 10	29010	Atchison	29005	Corn-belt
Missouri	Missouri CRD 30	29030	Audrain	29007	Corn-belt
Missouri	Missouri CRD 70	29070	Barry	29009	Corn-belt
Missouri	Missouri CRD 70	29070	Barton	29011	Corn-belt
Missouri	Missouri CRD 40	29040	Bates	29013	Corn-belt
Missouri	Missouri CRD 50	29050	Benton	29015	Corn-belt
Missouri	Missouri CRD 80	29080	Bollinger	29017	Corn-belt
Missouri	Missouri CRD 50	29050	Boone	29019	Corn-belt
Missouri	Missouri CRD 10	29010	Buchanan	29021	Corn-belt
Missouri	Missouri CRD 90	29090	Butler	29023	Corn-belt
Missouri	Missouri CRD 10	29010	Caldwell	29025	Corn-belt
Missouri	Missouri CRD 50	29050	Callaway	29027	Corn-belt
Missouri	Missouri CRD 50	29050	Camden	29029	Corn-belt
Missouri	Missouri CRD 90	29090	Cape Girardeau	29031	Corn-belt
Missouri	Missouri CRD 20	29020	Carroll	29033	Corn-belt
Missouri	Missouri CRD 80	29080	Carter	29035	Corn-belt
Missouri	Missouri CRD 40	29040	Cass	29037	Corn-belt
Missouri	Missouri CRD 40	29040	Cedar	29039	Corn-belt
Missouri	Missouri CRD 20	29020	Chariton	29041	Corn-belt
Missouri	Missouri CRD 70	29070	Christian	29043	Corn-belt

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Missouri	Missouri CRD 30	29030	Clark	29045	Corn-belt
Missouri	Missouri CRD 10	29010	Clay	29047	Corn-belt
Missouri	Missouri CRD 10	29010	Clinton	29049	Corn-belt
Missouri	Missouri CRD 50	29050	Cole	29051	Corn-belt
Missouri	Missouri CRD 50	29050	Cooper	29053	Corn-belt
Missouri	Missouri CRD 60	29060	Crawford	29055	Corn-belt
Missouri	Missouri CRD 70	29070	Dade	29057	Corn-belt
Missouri	Missouri CRD 50	29050	Dallas	29059	Corn-belt
Missouri	Missouri CRD 10	29010	Daviess	29061	Corn-belt
Missouri	Missouri CRD 10	29010	De kalb	29063	Corn-belt
Missouri	Missouri CRD 80	29080	Dent	29065	Corn-belt
Missouri	Missouri CRD 80	29080	Douglas	29067	Corn-belt
Missouri	Missouri CRD 90	29090	Dunklin	29069	Corn-belt
Missouri	Missouri CRD 60	29060	Franklin	29071	Corn-belt
Missouri	Missouri CRD 60	29060	Gasconade	29073	Corn-belt
Missouri	Missouri CRD 10	29010	Gentry	29075	Corn-belt
Missouri	Missouri CRD 70	29070	Greene	29077	Corn-belt
Missouri	Missouri CRD 20	29020	Grundy	29079	Corn-belt
Missouri	Missouri CRD 10	29010	Harrison	29081	Corn-belt
Missouri	Missouri CRD 40	29040	Henry	29083	Corn-belt
Missouri	Missouri CRD 50	29050	Hickory	29085	Corn-belt
Missouri	Missouri CRD 10	29010	Holt	29087	Corn-belt
Missouri	Missouri CRD 50	29050	Howard	29089	Corn-belt
Missouri	Missouri CRD 80	29080	Howell	29091	Corn-belt
Missouri	Missouri CRD 80	29080	Iron	29093	Corn-belt
Missouri	Missouri CRD 40	29040	Jackson	29095	Corn-belt
Missouri	Missouri CRD 70	29070	Jasper	29097	Corn-belt
Missouri	Missouri CRD 60	29060	Jefferson	29099	Corn-belt
Missouri	Missouri CRD 40	29040	Johnson	29101	Corn-belt
Missouri	Missouri CRD 30	29030	Knox	29103	Corn-belt
Missouri	Missouri CRD 50	29050	Laclede	29105	Corn-belt
Missouri	Missouri CRD 40	29040	Lafayette	29107	Corn-belt
Missouri	Missouri CRD 70	29070	Lawrence	29109	Corn-belt
Missouri	Missouri CRD 30	29030	Lewis	29111	Corn-belt
Missouri	Missouri CRD 60	29060	Lincoln	29113	Corn-belt
Missouri	Missouri CRD 20	29020	Linn	29115	Corn-belt
Missouri	Missouri CRD 20	29020	Livingston	29117	Corn-belt
Missouri	Missouri CRD 70	29070	McDonald	29119	Corn-belt
Missouri	Missouri CRD 20	29020	Macon	29121	Corn-belt
Missouri	Missouri CRD 80	29080	Madison	29123	Corn-belt
Missouri	Missouri CRD 50	29050	Maries	29125	Corn-belt
Missouri	Missouri CRD 30	29030	Marion	29127	Corn-belt

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Missouri	Missouri CRD 20	29020	Mercer	29129	Corn-belt
Missouri	Missouri CRD 50	29050	Miller	29131	Corn-belt
Missouri	Missouri CRD 90	29090	Mississippi	29133	Corn-belt
Missouri	Missouri CRD 50	29050	Moniteau	29135	Corn-belt
Missouri	Missouri CRD 30	29030	Monroe	29137	Corn-belt
Missouri	Missouri CRD 60	29060	Montgomery	29139	Corn-belt
Missouri	Missouri CRD 50	29050	Morgan	29141	Corn-belt
Missouri	Missouri CRD 90	29090	New Madrid	29143	Corn-belt
Missouri	Missouri CRD 70	29070	Newton	29145	Corn-belt
Missouri	Missouri CRD 10	29010	Nodaway	29147	Corn-belt
Missouri	Missouri CRD 80	29080	Oregon	29149	Corn-belt
Missouri	Missouri CRD 50	29050	Osage	29151	Corn-belt
Missouri	Missouri CRD 80	29080	Ozark	29153	Corn-belt
Missouri	Missouri CRD 90	29090	Pemiscot	29155	Corn-belt
Missouri	Missouri CRD 60	29060	Perry	29157	Corn-belt
Missouri	Missouri CRD 50	29050	Pettis	29159	Corn-belt
Missouri	Missouri CRD 50	29050	Phelps	29161	Corn-belt
Missouri	Missouri CRD 30	29030	Pike	29163	Corn-belt
Missouri	Missouri CRD 10	29010	Platte	29165	Corn-belt
Missouri	Missouri CRD 50	29050	Polk	29167	Corn-belt
Missouri	Missouri CRD 50	29050	Pulaski	29169	Corn-belt
Missouri	Missouri CRD 20	29020	Putnam	29171	Corn-belt
Missouri	Missouri CRD 30	29030	Ralls	29173	Corn-belt
Missouri	Missouri CRD 20	29020	Randolph	29175	Corn-belt
Missouri	Missouri CRD 10	29010	Ray	29177	Corn-belt
Missouri	Missouri CRD 80	29080	Reynolds	29179	Corn-belt
Missouri	Missouri CRD 80	29080	Ripley	29181	Corn-belt
Missouri	Missouri CRD 60	29060	St. Charles	29183	Corn-belt
Missouri	Missouri CRD 40	29040	St. Clair	29185	Corn-belt
Missouri	Missouri CRD 60	29060	Ste. Genevieve	29186	Corn-belt
Missouri	Missouri CRD 60	29060	St. Francois	29187	Corn-belt
Missouri	Missouri CRD 60	29060	St. Louis	29189	Corn-belt
Missouri	Missouri CRD 50	29050	Saline	29195	Corn-belt
Missouri	Missouri CRD 20	29020	Schuyler	29197	Corn-belt
Missouri	Missouri CRD 30	29030	Scotland	29199	Corn-belt
Missouri	Missouri CRD 90	29090	Scott	29201	Corn-belt
Missouri	Missouri CRD 80	29080	Shannon	29203	Corn-belt
Missouri	Missouri CRD 30	29030	Shelby	29205	Corn-belt
Missouri	Missouri CRD 90	29090	Stoddard	29207	Corn-belt
Missouri	Missouri CRD 70	29070	Stone	29209	Corn-belt
Missouri	Missouri CRD 20	29020	Sullivan	29211	Corn-belt
Missouri	Missouri CRD 80	29080	Taney	29213	Corn-belt

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Missouri	Missouri CRD 80	29080	Texas	29215	Corn-belt
Missouri	Missouri CRD 40	29040	Vernon	29217	Corn-belt
Missouri	Missouri CRD 60	29060	Warren	29219	Corn-belt
Missouri	Missouri CRD 60	29060	Washington	29221	Corn-belt
Missouri	Missouri CRD 80	29080	Wayne	29223	Corn-belt
Missouri	Missouri CRD 80	29080	Webster	29225	Corn-belt
Missouri	Missouri CRD 10	29010	Worth	29227	Corn-belt
Missouri	Missouri CRD 80	29080	Wright	29229	Corn-belt
Missouri	Missouri CRD 60	29060	St. Louis	29510	Corn-belt
Montana	Montana CRD 70	30070	Beaverhead	30001	Mountain
Montana	Montana CRD 80	30080	Big Horn	30003	Mountain
Montana	Montana CRD 20	30020	Blaine	30005	Mountain
Montana	Montana CRD 50	30050	Broadwater	30007	Mountain
Montana	Montana CRD 80	30080	Carbon	30009	Mountain
Montana	Montana CRD 90	30090	Carter	30011	Mountain
Montana	Montana CRD 50	30050	Cascade	30013	Mountain
Montana	Montana CRD 20	30020	Chouteau	30015	Mountain
Montana	Montana CRD 90	30090	Custer	30017	Mountain
Montana	Montana CRD 30	30030	Daniels	30019	Mountain
Montana	Montana CRD 30	30030	Dawson	30021	Mountain
Montana	Montana CRD 10	30010	Deer Lodge	30023	Mountain
Montana	Montana CRD 90	30090	Fallon	30025	Mountain
Montana	Montana CRD 50	30050	Fergus	30027	Mountain
Montana	Montana CRD 10	30010	Flathead	30029	Mountain
Montana	Montana CRD 70	30070	Gallatin	30031	Mountain
Montana	Montana CRD 30	30030	Garfield	30033	Mountain
Montana	Montana CRD 20	30020	Glacier	30035	Mountain
Montana	Montana CRD 50	30050	Golden Valley	30037	Mountain
Montana	Montana CRD 10	30010	Granite	30039	Mountain
Montana	Montana CRD 20	30020	Hill	30041	Mountain
Montana	Montana CRD 70	30070	Jefferson	30043	Mountain
Montana	Montana CRD 50	30050	Judith Basin	30045	Mountain
Montana	Montana CRD 10	30010	Lake	30047	Mountain
Montana	Montana CRD 50	30050	Lewis and Clark	30049	Mountain
Montana	Montana CRD 20	30020	Liberty	30051	Mountain
Montana	Montana CRD 10	30010	Lincoln	30053	Mountain
Montana	Montana CRD 30	30030	McCone	30055	Mountain
Montana	Montana CRD 70	30070	Madison	30057	Mountain
Montana	Montana CRD 50	30050	Meagher	30059	Mountain
Montana	Montana CRD 10	30010	Mineral	30061	Mountain
Montana	Montana CRD 10	30010	Missoula	30063	Mountain
Montana	Montana CRD 50	30050	Musselshell	30065	Mountain

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Montana	Montana CRD 80	30080	Park	30067	Mountain
Montana	Montana CRD 50	30050	Petroleum	30069	Mountain
Montana	Montana CRD 20	30020	Phillips	30071	Mountain
Montana	Montana CRD 20	30020	Pondera	30073	Mountain
Montana	Montana CRD 90	30090	Powder River	30075	Mountain
Montana	Montana CRD 10	30010	Powell	30077	Mountain
Montana	Montana CRD 90	30090	Prairie	30079	Mountain
Montana	Montana CRD 10	30010	Ravalli	30081	Mountain
Montana	Montana CRD 30	30030	Richland	30083	Mountain
Montana	Montana CRD 30	30030	Roosevelt	30085	Mountain
Montana	Montana CRD 90	30090	Rosebud	30087	Mountain
Montana	Montana CRD 10	30010	Sanders	30089	Mountain
Montana	Montana CRD 30	30030	Sheridan	30091	Mountain
Montana	Montana CRD 70	30070	Silver Bow	30093	Mountain
Montana	Montana CRD 80	30080	Stillwater	30095	Mountain
Montana	Montana CRD 80	30080	Sweet Grass	30097	Mountain
Montana	Montana CRD 20	30020	Teton	30099	Mountain
Montana	Montana CRD 20	30020	Toole	30101	Mountain
Montana	Montana CRD 80	30080	Treasure	30103	Mountain
Montana	Montana CRD 30	30030	Valley	30105	Mountain
Montana	Montana CRD 50	30050	Wheatland	30107	Mountain
Montana	Montana CRD 90	30090	Wibaux	30109	Mountain
Montana	Montana CRD 80	30080	Yellowstone	30111	Mountain
Nebraska	Nebraska CRD 80	31080	Adams	31001	Northern-plains
Nebraska	Nebraska CRD 30	31030	Antelope	31003	Northern-plains
Nebraska	Nebraska CRD 20	31020	Arthur	31005	Northern-plains
Nebraska	Nebraska CRD 10	31010	Banner	31007	Northern-plains
Nebraska	Nebraska CRD 20	31020	Blaine	31009	Northern-plains
Nebraska	Nebraska CRD 30	31030	Boone	31011	Northern-plains
Nebraska	Nebraska CRD 10	31010	Box Butte	31013	Northern-plains
Nebraska	Nebraska CRD 20	31020	Boyd	31015	Northern-plains
Nebraska	Nebraska CRD 20	31020	Brown	31017	Northern-plains
Nebraska	Nebraska CRD 50	31050	Buffalo	31019	Northern-plains
Nebraska	Nebraska CRD 30	31030	Burt	31021	Northern-plains
Nebraska	Nebraska CRD 60	31060	Butler	31023	Northern-plains
Nebraska	Nebraska CRD 60	31060	Cass	31025	Northern-plains
Nebraska	Nebraska CRD 30	31030	Cedar	31027	Northern-plains
Nebraska	Nebraska CRD 70	31070	Chase	31029	Northern-plains
Nebraska	Nebraska CRD 20	31020	Cherry	31031	Northern-plains
Nebraska	Nebraska CRD 10	31010	Cheyenne	31033	Northern-plains
Nebraska	Nebraska CRD 90	31090	Clay	31035	Northern-plains
Nebraska	Nebraska CRD 60	31060	Colfax	31037	Northern-plains

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Nebraska	Nebraska CRD 30	31030	Cuming	31039	Northern-plains
Nebraska	Nebraska CRD 50	31050	Custer	31041	Northern-plains
Nebraska	Nebraska CRD 30	31030	Dakota	31043	Northern-plains
Nebraska	Nebraska CRD 10	31010	Dawes	31045	Northern-plains
Nebraska	Nebraska CRD 50	31050	Dawson	31047	Northern-plains
Nebraska	Nebraska CRD 10	31010	Deuel	31049	Northern-plains
Nebraska	Nebraska CRD 30	31030	Dixon	31051	Northern-plains
Nebraska	Nebraska CRD 60	31060	Dodge	31053	Northern-plains
Nebraska	Nebraska CRD 60	31060	Douglas	31055	Northern-plains
Nebraska	Nebraska CRD 70	31070	Dundy	31057	Northern-plains
Nebraska	Nebraska CRD 90	31090	Fillmore	31059	Northern-plains
Nebraska	Nebraska CRD 80	31080	Franklin	31061	Northern-plains
Nebraska	Nebraska CRD 70	31070	Frontier	31063	Northern-plains
Nebraska	Nebraska CRD 80	31080	Furnas	31065	Northern-plains
Nebraska	Nebraska CRD 90	31090	Gage	31067	Northern-plains
Nebraska	Nebraska CRD 10	31010	Garden	31069	Northern-plains
Nebraska	Nebraska CRD 20	31020	Garfield	31071	Northern-plains
Nebraska	Nebraska CRD 80	31080	Gosper	31073	Northern-plains
Nebraska	Nebraska CRD 20	31020	Grant	31075	Northern-plains
Nebraska	Nebraska CRD 50	31050	Greeley	31077	Northern-plains
Nebraska	Nebraska CRD 50	31050	Hall	31079	Northern-plains
Nebraska	Nebraska CRD 60	31060	Hamilton	31081	Northern-plains
Nebraska	Nebraska CRD 80	31080	Harlan	31083	Northern-plains
Nebraska	Nebraska CRD 70	31070	Hayes	31085	Northern-plains
Nebraska	Nebraska CRD 70	31070	Hitchcock	31087	Northern-plains
Nebraska	Nebraska CRD 20	31020	Holt	31089	Northern-plains
Nebraska	Nebraska CRD 20	31020	Hooker	31091	Northern-plains
Nebraska	Nebraska CRD 50	31050	Howard	31093	Northern-plains
Nebraska	Nebraska CRD 90	31090	Jefferson	31095	Northern-plains
Nebraska	Nebraska CRD 90	31090	Johnson	31097	Northern-plains
Nebraska	Nebraska CRD 80	31080	Kearney	31099	Northern-plains
Nebraska	Nebraska CRD 70	31070	Keith	31101	Northern-plains
Nebraska	Nebraska CRD 20	31020	Keya Paha	31103	Northern-plains
Nebraska	Nebraska CRD 10	31010	Kimball	31105	Northern-plains
Nebraska	Nebraska CRD 30	31030	Knox	31107	Northern-plains
Nebraska	Nebraska CRD 60	31060	Lancaster	31109	Northern-plains
Nebraska	Nebraska CRD 70	31070	Lincoln	31111	Northern-plains
Nebraska	Nebraska CRD 20	31020	Logan	31113	Northern-plains
Nebraska	Nebraska CRD 20	31020	Loup	31115	Northern-plains
Nebraska	Nebraska CRD 20	31020	McPherson	31117	Northern-plains
Nebraska	Nebraska CRD 30	31030	Madison	31119	Northern-plains
Nebraska	Nebraska CRD 60	31060	Merrick	31121	Northern-plains

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Nebraska	Nebraska CRD 10	31010	Morrill	31123	Northern-plains
Nebraska	Nebraska CRD 60	31060	Nance	31125	Northern-plains
Nebraska	Nebraska CRD 90	31090	Nemaha	31127	Northern-plains
Nebraska	Nebraska CRD 90	31090	Nuckolls	31129	Northern-plains
Nebraska	Nebraska CRD 90	31090	Otoe	31131	Northern-plains
Nebraska	Nebraska CRD 90	31090	Pawnee	31133	Northern-plains
Nebraska	Nebraska CRD 70	31070	Perkins	31135	Northern-plains
Nebraska	Nebraska CRD 80	31080	Phelps	31137	Northern-plains
Nebraska	Nebraska CRD 30	31030	Pierce	31139	Northern-plains
Nebraska	Nebraska CRD 60	31060	Platte	31141	Northern-plains
Nebraska	Nebraska CRD 60	31060	Polk	31143	Northern-plains
Nebraska	Nebraska CRD 70	31070	Red Willow	31145	Northern-plains
Nebraska	Nebraska CRD 90	31090	Richardson	31147	Northern-plains
Nebraska	Nebraska CRD 20	31020	Rock	31149	Northern-plains
Nebraska	Nebraska CRD 90	31090	Saline	31151	Northern-plains
Nebraska	Nebraska CRD 60	31060	Sarpy	31153	Northern-plains
Nebraska	Nebraska CRD 60	31060	Saunders	31155	Northern-plains
Nebraska	Nebraska CRD 10	31010	Scotts Bluff	31157	Northern-plains
Nebraska	Nebraska CRD 60	31060	Seward	31159	Northern-plains
Nebraska	Nebraska CRD 10	31010	Sheridan	31161	Northern-plains
Nebraska	Nebraska CRD 50	31050	Sherman	31163	Northern-plains
Nebraska	Nebraska CRD 10	31010	Sioux	31165	Northern-plains
Nebraska	Nebraska CRD 30	31030	Stanton	31167	Northern-plains
Nebraska	Nebraska CRD 90	31090	Thayer	31169	Northern-plains
Nebraska	Nebraska CRD 20	31020	Thomas	31171	Northern-plains
Nebraska	Nebraska CRD 30	31030	Thurston	31173	Northern-plains
Nebraska	Nebraska CRD 50	31050	Valley	31175	Northern-plains
Nebraska	Nebraska CRD 60	31060	Washington	31177	Northern-plains
Nebraska	Nebraska CRD 30	31030	Wayne	31179	Northern-plains
Nebraska	Nebraska CRD 80	31080	Webster	31181	Northern-plains
Nebraska	Nebraska CRD 20	31020	Wheeler	31183	Northern-plains
Nebraska	Nebraska CRD 60	31060	York	31185	Northern-plains
Nevada	Nevada CRD 10	32010	Churchill	32001	Mountain
Nevada	Nevada CRD 80	32080	Clark	32003	Mountain
Nevada	Nevada CRD 10	32010	Douglas	32005	Mountain
Nevada	Nevada CRD 30	32030	Elko	32007	Mountain
Nevada	Nevada CRD 80	32080	Esmeralda	32009	Mountain
Nevada	Nevada CRD 30	32030	Eureka	32011	Mountain
Nevada	Nevada CRD 10	32010	Humboldt	32013	Mountain
Nevada	Nevada CRD 30	32030	Lander	32015	Mountain
Nevada	Nevada CRD 80	32080	Lincoln	32017	Mountain
Nevada	Nevada CRD 10	32010	Lyon	32019	Mountain

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Nevada	Nevada CRD 80	32080	Mineral	32021	Mountain
Nevada	Nevada CRD 80	32080	Nye	32023	Mountain
Nevada	Nevada CRD 10	32010	Pershing	32027	Mountain
Nevada	Nevada CRD 10	32010	Storey	32029	Mountain
Nevada	Nevada CRD 10	32010	Washoe	32031	Mountain
Nevada	Nevada CRD 30	32030	White Pine	32033	Mountain
Nevada	Nevada CRD 10	32010	Carson City	32510	Mountain
New Hampshire	New Hampshire CRD 10	33010	Belknap	33001	Northeast
New Hampshire	New Hampshire CRD 10	33010	Carroll	33003	Northeast
New Hampshire	New Hampshire CRD 10	33010	Cheshire	33005	Northeast
New Hampshire	New Hampshire CRD 10	33010	Coos	33007	Northeast
New Hampshire	New Hampshire CRD 10	33010	Grafton	33009	Northeast
New Hampshire	New Hampshire CRD 10	33010	Hillsborough	33011	Northeast
New Hampshire	New Hampshire CRD 10	33010	Merrimack	33013	Northeast
New Hampshire	New Hampshire CRD 10	33010	Rockingham	33015	Northeast
New Hampshire	New Hampshire CRD 10	33010	Strafford	33017	Northeast
New Hampshire	New Hampshire CRD 10	33010	Sullivan	33019	Northeast
New Jersey	New Jersey CRD 80	34080	Atlantic	34001	Northeast
New Jersey	New Jersey CRD 20	34020	Bergen	34003	Northeast
New Jersey	New Jersey CRD 50	34050	Burlington	34005	Northeast
New Jersey	New Jersey CRD 80	34080	Camden	34007	Northeast
New Jersey	New Jersey CRD 80	34080	Cape May	34009	Northeast
New Jersey	New Jersey CRD 80	34080	Cumberland	34011	Northeast
New Jersey	New Jersey CRD 20	34020	Essex	34013	Northeast
New Jersey	New Jersey CRD 80	34080	Gloucester	34015	Northeast
New Jersey	New Jersey CRD 20	34020	Hudson	34017	Northeast
New Jersey	New Jersey CRD 20	34020	Hunterdon	34019	Northeast
New Jersey	New Jersey CRD 50	34050	Mercer	34021	Northeast
New Jersey	New Jersey CRD 50	34050	Middlesex	34023	Northeast
New Jersey	New Jersey CRD 50	34050	Monmouth	34025	Northeast
New Jersey	New Jersey CRD 20	34020	Morris	34027	Northeast
New Jersey	New Jersey CRD 50	34050	Ocean	34029	Northeast
New Jersey	New Jersey CRD 20	34020	Passaic	34031	Northeast
New Jersey	New Jersey CRD 80	34080	Salem	34033	Northeast
New Jersey	New Jersey CRD 20	34020	Somerset	34035	Northeast
New Jersey	New Jersey CRD 20	34020	Sussex	34037	Northeast
New Jersey	New Jersey CRD 20	34020	Union	34039	Northeast
New Jersey	New Jersey CRD 20	34020	Warren	34041	Northeast
New Mexico	New Mexico CRD 10	35010	Bernalillo	35001	Mountain
New Mexico	New Mexico CRD 70	35070	Catron	35003	Mountain
New Mexico	New Mexico CRD 90	35090	Chaves	35005	Mountain
New Mexico	New Mexico CRD 10	35010	Cibola	35006	Mountain

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
New Mexico	New Mexico CRD 30	35030	Colfax	35007	Mountain
New Mexico	New Mexico CRD 30	35030	Curry	35009	Mountain
New Mexico	New Mexico CRD 30	35030	De Baca	35011	Mountain
New Mexico	New Mexico CRD 90	35090	Dona Ana	35013	Mountain
New Mexico	New Mexico CRD 90	35090	Eddy	35015	Mountain
New Mexico	New Mexico CRD 70	35070	Grant	35017	Mountain
New Mexico	New Mexico CRD 30	35030	Guadalupe	35019	Mountain
New Mexico	New Mexico CRD 30	35030	Harding	35021	Mountain
New Mexico	New Mexico CRD 70	35070	Hidalgo	35023	Mountain
New Mexico	New Mexico CRD 90	35090	Lea	35025	Mountain
New Mexico	New Mexico CRD 90	35090	Lincoln	35027	Mountain
New Mexico	New Mexico CRD 10	35010	Los Alamos	35028	Mountain
New Mexico	New Mexico CRD 70	35070	Luna	35029	Mountain
New Mexico	New Mexico CRD 10	35010	McKinley	35031	Mountain
New Mexico	New Mexico CRD 30	35030	Mora	35033	Mountain
New Mexico	New Mexico CRD 90	35090	Otero	35035	Mountain
New Mexico	New Mexico CRD 30	35030	Quay	35037	Mountain
New Mexico	New Mexico CRD 10	35010	Rio Arriba	35039	Mountain
New Mexico	New Mexico CRD 30	35030	Roosevelt	35041	Mountain
New Mexico	New Mexico CRD 10	35010	Sandoval	35043	Mountain
New Mexico	New Mexico CRD 10	35010	San Juan	35045	Mountain
New Mexico	New Mexico CRD 30	35030	San Miguel	35047	Mountain
New Mexico	New Mexico CRD 10	35010	Santa Fe	35049	Mountain
New Mexico	New Mexico CRD 70	35070	Sierra	35051	Mountain
New Mexico	New Mexico CRD 70	35070	Socorro	35053	Mountain
New Mexico	New Mexico CRD 10	35010	Taos	35055	Mountain
New Mexico	New Mexico CRD 30	35030	Torrance	35057	Mountain
New Mexico	New Mexico CRD 30	35030	Union	35059	Mountain
New Mexico	New Mexico CRD 10	35010	Valencia	35061	Mountain
New York	New York CRD 60	36060	Albany	36001	Northeast
New York	New York CRD 70	36070	Allegany	36003	Northeast
New York	New York CRD 91	36091	Bronx	36005	Northeast
New York	New York CRD 80	36080	Broome	36007	Northeast
New York	New York CRD 70	36070	Cattaraugus	36009	Northeast
New York	New York CRD 50	36050	Cayuga	36011	Northeast
New York	New York CRD 70	36070	Chautauqua	36013	Northeast
New York	New York CRD 80	36080	Chemung	36015	Northeast
New York	New York CRD 50	36050	Chenango	36017	Northeast
New York	New York CRD 30	36030	Clinton	36019	Northeast
New York	New York CRD 90	36090	Columbia	36021	Northeast
New York	New York CRD 50	36050	Cortland	36023	Northeast
New York	New York CRD 90	36090	Delaware	36025	Northeast

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
New York	New York CRD 90	36090	Dutchess	36027	Northeast
New York	New York CRD 40	36040	Erie	36029	Northeast
New York	New York CRD 30	36030	Essex	36031	Northeast
New York	New York CRD 30	36030	Franklin	36033	Northeast
New York	New York CRD 60	36060	Fulton	36035	Northeast
New York	New York CRD 40	36040	Genesee	36037	Northeast
New York	New York CRD 90	36090	Greene	36039	Northeast
New York	New York CRD 30	36030	Hamilton	36041	Northeast
New York	New York CRD 50	36050	Herkimer	36043	Northeast
New York	New York CRD 20	36020	Jefferson	36045	Northeast
New York	New York CRD 91	36091	Kings	36047	Northeast
New York	New York CRD 20	36020	Lewis	36049	Northeast
New York	New York CRD 40	36040	Livingston	36051	Northeast
New York	New York CRD 50	36050	Madison	36053	Northeast
New York	New York CRD 40	36040	Monroe	36055	Northeast
New York	New York CRD 60	36060	Montgomery	36057	Northeast
New York	New York CRD 91	36091	Nassau	36059	Northeast
New York	New York CRD 91	36091	New York	36061	Northeast
New York	New York CRD 40	36040	Niagara	36063	Northeast
New York	New York CRD 50	36050	Oneida	36065	Northeast
New York	New York CRD 50	36050	Onondaga	36067	Northeast
New York	New York CRD 40	36040	Ontario	36069	Northeast
New York	New York CRD 90	36090	Orange	36071	Northeast
New York	New York CRD 40	36040	Orleans	36073	Northeast
New York	New York CRD 50	36050	Oswego	36075	Northeast
New York	New York CRD 50	36050	Otsego	36077	Northeast
New York	New York CRD 90	36090	Putnam	36079	Northeast
New York	New York CRD 91	36091	Queens	36081	Northeast
New York	New York CRD 60	36060	Rensselaer	36083	Northeast
New York	New York CRD 91	36091	Richmond	36085	Northeast
New York	New York CRD 90	36090	Rockland	36087	Northeast
New York	New York CRD 20	36020	St. Lawrence	36089	Northeast
New York	New York CRD 60	36060	Saratoga	36091	Northeast
New York	New York CRD 60	36060	Schenectady	36093	Northeast
New York	New York CRD 60	36060	Schoharie	36095	Northeast
New York	New York CRD 80	36080	Schuyler	36097	Northeast
New York	New York CRD 40	36040	Seneca	36099	Northeast
New York	New York CRD 70	36070	Steuben	36101	Northeast
New York	New York CRD 91	36091	Suffolk	36103	Northeast
New York	New York CRD 90	36090	Sullivan	36105	Northeast
New York	New York CRD 80	36080	Tioga	36107	Northeast
New York	New York CRD 80	36080	Tompkins	36109	Northeast

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
New York	New York CRD 90	36090	Ulster	36111	Northeast
New York	New York CRD 30	36030	Warren	36113	Northeast
New York	New York CRD 60	36060	Washington	36115	Northeast
New York	New York CRD 40	36040	Wayne	36117	Northeast
New York	New York CRD 90	36090	Westchester	36119	Northeast
New York	New York CRD 40	36040	Wyoming	36121	Northeast
New York	New York CRD 40	36040	Yates	36123	Northeast
North Carolina	North Carolina CRD 40	37040	Alamance	37001	Appalachian
North Carolina	North Carolina CRD 50	37050	Alexander	37003	Appalachian
North Carolina	North Carolina CRD 10	37010	Alleghany	37005	Appalachian
North Carolina	North Carolina CRD 60	37060	Anson	37007	Appalachian
North Carolina	North Carolina CRD 10	37010	Ashe	37009	Appalachian
North Carolina	North Carolina CRD 10	37010	Avery	37011	Appalachian
North Carolina	North Carolina CRD 80	37080	Beaufort	37013	Appalachian
North Carolina	North Carolina CRD 70	37070	Bertie	37015	Appalachian
North Carolina	North Carolina CRD 90	37090	Bladen	37017	Appalachian
North Carolina	North Carolina CRD 90	37090	Brunswick	37019	Appalachian
North Carolina	North Carolina CRD 20	37020	Buncombe	37021	Appalachian
North Carolina	North Carolina CRD 20	37020	Burke	37023	Appalachian
North Carolina	North Carolina CRD 60	37060	Cabarrus	37025	Appalachian
North Carolina	North Carolina CRD 10	37010	Caldwell	37027	Appalachian
North Carolina	North Carolina CRD 70	37070	Camden	37029	Appalachian
North Carolina	North Carolina CRD 80	37080	Carteret	37031	Appalachian
North Carolina	North Carolina CRD 40	37040	Caswell	37033	Appalachian
North Carolina	North Carolina CRD 50	37050	Catawba	37035	Appalachian
North Carolina	North Carolina CRD 50	37050	Chatham	37037	Appalachian
North Carolina	North Carolina CRD 20	37020	Cherokee	37039	Appalachian
North Carolina	North Carolina CRD 70	37070	Chowan	37041	Appalachian
North Carolina	North Carolina CRD 20	37020	Clay	37043	Appalachian
North Carolina	North Carolina CRD 60	37060	Cleveland	37045	Appalachian
North Carolina	North Carolina CRD 90	37090	Columbus	37047	Appalachian
North Carolina	North Carolina CRD 80	37080	Craven	37049	Appalachian
North Carolina	North Carolina CRD 90	37090	Cumberland	37051	Appalachian
North Carolina	North Carolina CRD 70	37070	Currituck	37053	Appalachian
North Carolina	North Carolina CRD 70	37070	Dare	37055	Appalachian
North Carolina	North Carolina CRD 50	37050	Davidson	37057	Appalachian
North Carolina	North Carolina CRD 50	37050	Davie	37059	Appalachian
North Carolina	North Carolina CRD 90	37090	Duplin	37061	Appalachian
North Carolina	North Carolina CRD 40	37040	Durham	37063	Appalachian
North Carolina	North Carolina CRD 70	37070	Edgecombe	37065	Appalachian
North Carolina	North Carolina CRD 40	37040	Forsyth	37067	Appalachian
North Carolina	North Carolina CRD 40	37040	Franklin	37069	Appalachian

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
North Carolina	North Carolina CRD 60	37060	Gaston	37071	Appalachian
North Carolina	North Carolina CRD 70	37070	Gates	37073	Appalachian
North Carolina	North Carolina CRD 20	37020	Graham	37075	Appalachian
North Carolina	North Carolina CRD 40	37040	Granville	37077	Appalachian
North Carolina	North Carolina CRD 80	37080	Greene	37079	Appalachian
North Carolina	North Carolina CRD 40	37040	Guilford	37081	Appalachian
North Carolina	North Carolina CRD 70	37070	Halifax	37083	Appalachian
North Carolina	North Carolina CRD 90	37090	Harnett	37085	Appalachian
North Carolina	North Carolina CRD 20	37020	Haywood	37087	Appalachian
North Carolina	North Carolina CRD 20	37020	Henderson	37089	Appalachian
North Carolina	North Carolina CRD 70	37070	Hertford	37091	Appalachian
North Carolina	North Carolina CRD 90	37090	Hoke	37093	Appalachian
North Carolina	North Carolina CRD 80	37080	Hyde	37095	Appalachian
North Carolina	North Carolina CRD 50	37050	Iredell	37097	Appalachian
North Carolina	North Carolina CRD 20	37020	Jackson	37099	Appalachian
North Carolina	North Carolina CRD 80	37080	Johnston	37101	Appalachian
North Carolina	North Carolina CRD 80	37080	Jones	37103	Appalachian
North Carolina	North Carolina CRD 50	37050	Lee	37105	Appalachian
North Carolina	North Carolina CRD 80	37080	Lenoir	37107	Appalachian
North Carolina	North Carolina CRD 60	37060	Lincoln	37109	Appalachian
North Carolina	North Carolina CRD 20	37020	McDowell	37111	Appalachian
North Carolina	North Carolina CRD 20	37020	Macon	37113	Appalachian
North Carolina	North Carolina CRD 20	37020	Madison	37115	Appalachian
North Carolina	North Carolina CRD 70	37070	Martin	37117	Appalachian
North Carolina	North Carolina CRD 60	37060	Mecklenburg	37119	Appalachian
North Carolina	North Carolina CRD 20	37020	Mitchell	37121	Appalachian
North Carolina	North Carolina CRD 60	37060	Montgomery	37123	Appalachian
North Carolina	North Carolina CRD 60	37060	Moore	37125	Appalachian
North Carolina	North Carolina CRD 70	37070	Nash	37127	Appalachian
North Carolina	North Carolina CRD 90	37090	New Hanover	37129	Appalachian
North Carolina	North Carolina CRD 70	37070	Northampton	37131	Appalachian
North Carolina	North Carolina CRD 90	37090	Onslow	37133	Appalachian
North Carolina	North Carolina CRD 40	37040	Orange	37135	Appalachian
North Carolina	North Carolina CRD 80	37080	Pamlico	37137	Appalachian
North Carolina	North Carolina CRD 70	37070	Pasquotank	37139	Appalachian
North Carolina	North Carolina CRD 90	37090	Pender	37141	Appalachian
North Carolina	North Carolina CRD 70	37070	Perquimans	37143	Appalachian
North Carolina	North Carolina CRD 40	37040	Person	37145	Appalachian
North Carolina	North Carolina CRD 80	37080	Pitt	37147	Appalachian
North Carolina	North Carolina CRD 20	37020	Polk	37149	Appalachian
North Carolina	North Carolina CRD 50	37050	Randolph	37151	Appalachian
North Carolina	North Carolina CRD 60	37060	Richmond	37153	Appalachian

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
North Carolina	North Carolina CRD 90	37090	Robeson	37155	Appalachian
North Carolina	North Carolina CRD 40	37040	Rockingham	37157	Appalachian
North Carolina	North Carolina CRD 50	37050	Rowan	37159	Appalachian
North Carolina	North Carolina CRD 20	37020	Rutherford	37161	Appalachian
North Carolina	North Carolina CRD 90	37090	Sampson	37163	Appalachian
North Carolina	North Carolina CRD 90	37090	Scotland	37165	Appalachian
North Carolina	North Carolina CRD 60	37060	Stanly	37167	Appalachian
North Carolina	North Carolina CRD 40	37040	Stokes	37169	Appalachian
North Carolina	North Carolina CRD 10	37010	Surry	37171	Appalachian
North Carolina	North Carolina CRD 20	37020	Swain	37173	Appalachian
North Carolina	North Carolina CRD 20	37020	Transylvania	37175	Appalachian
North Carolina	North Carolina CRD 70	37070	Tyrrell	37177	Appalachian
North Carolina	North Carolina CRD 60	37060	Union	37179	Appalachian
North Carolina	North Carolina CRD 40	37040	Vance	37181	Appalachian
North Carolina	North Carolina CRD 50	37050	Wake	37183	Appalachian
North Carolina	North Carolina CRD 40	37040	Warren	37185	Appalachian
North Carolina	North Carolina CRD 70	37070	Washington	37187	Appalachian
North Carolina	North Carolina CRD 10	37010	Watauga	37189	Appalachian
North Carolina	North Carolina CRD 80	37080	Wayne	37191	Appalachian
North Carolina	North Carolina CRD 10	37010	Wilkes	37193	Appalachian
North Carolina	North Carolina CRD 80	37080	Wilson	37195	Appalachian
North Carolina	North Carolina CRD 10	37010	Yadkin	37197	Appalachian
North Carolina	North Carolina CRD 20	37020	Yancey	37199	Appalachian
North Dakota	North Dakota CRD 70	38070	Adams	38001	Northern-plains
North Dakota	North Dakota CRD 60	38060	Barnes	38003	Northern-plains
North Dakota	North Dakota CRD 20	38020	Benson	38005	Northern-plains
North Dakota	North Dakota CRD 70	38070	Billings	38007	Northern-plains
North Dakota	North Dakota CRD 20	38020	Bottineau	38009	Northern-plains
North Dakota	North Dakota CRD 70	38070	Bowman	38011	Northern-plains
North Dakota	North Dakota CRD 10	38010	Burke	38013	Northern-plains
North Dakota	North Dakota CRD 80	38080	Burleigh	38015	Northern-plains
North Dakota	North Dakota CRD 60	38060	Cass	38017	Northern-plains
North Dakota	North Dakota CRD 30	38030	Cavalier	38019	Northern-plains
North Dakota	North Dakota CRD 90	38090	Dickey	38021	Northern-plains
North Dakota	North Dakota CRD 10	38010	Divide	38023	Northern-plains
North Dakota	North Dakota CRD 40	38040	Dunn	38025	Northern-plains
North Dakota	North Dakota CRD 50	38050	Eddy	38027	Northern-plains
North Dakota	North Dakota CRD 80	38080	Emmons	38029	Northern-plains
North Dakota	North Dakota CRD 50	38050	Foster	38031	Northern-plains
North Dakota	North Dakota CRD 70	38070	Golden Valley	38033	Northern-plains
North Dakota	North Dakota CRD 30	38030	Grand Forks	38035	Northern-plains
North Dakota	North Dakota CRD 80	38080	Grant	38037	Northern-plains

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
North Dakota	North Dakota CRD 60	38060	Griggs	38039	Northern-plains
North Dakota	North Dakota CRD 70	38070	Hettinger	38041	Northern-plains
North Dakota	North Dakota CRD 50	38050	Kidder	38043	Northern-plains
North Dakota	North Dakota CRD 90	38090	La Moure	38045	Northern-plains
North Dakota	North Dakota CRD 90	38090	Logan	38047	Northern-plains
North Dakota	North Dakota CRD 20	38020	McHenry	38049	Northern-plains
North Dakota	North Dakota CRD 90	38090	McIntosh	38051	Northern-plains
North Dakota	North Dakota CRD 40	38040	McKenzie	38053	Northern-plains
North Dakota	North Dakota CRD 40	38040	McLean	38055	Northern-plains
North Dakota	North Dakota CRD 40	38040	Mercer	38057	Northern-plains
North Dakota	North Dakota CRD 80	38080	Morton	38059	Northern-plains
North Dakota	North Dakota CRD 10	38010	Mountrail	38061	Northern-plains
North Dakota	North Dakota CRD 30	38030	Nelson	38063	Northern-plains
North Dakota	North Dakota CRD 40	38040	Oliver	38065	Northern-plains
North Dakota	North Dakota CRD 30	38030	Pembina	38067	Northern-plains
North Dakota	North Dakota CRD 20	38020	Pierce	38069	Northern-plains
North Dakota	North Dakota CRD 30	38030	Ramsey	38071	Northern-plains
North Dakota	North Dakota CRD 90	38090	Ransom	38073	Northern-plains
North Dakota	North Dakota CRD 10	38010	Renville	38075	Northern-plains
North Dakota	North Dakota CRD 90	38090	Richland	38077	Northern-plains
North Dakota	North Dakota CRD 20	38020	Rolette	38079	Northern-plains
North Dakota	North Dakota CRD 90	38090	Sargent	38081	Northern-plains
North Dakota	North Dakota CRD 50	38050	Sheridan	38083	Northern-plains
North Dakota	North Dakota CRD 80	38080	Sioux	38085	Northern-plains
North Dakota	North Dakota CRD 70	38070	Slope	38087	Northern-plains
North Dakota	North Dakota CRD 70	38070	Stark	38089	Northern-plains
North Dakota	North Dakota CRD 60	38060	Steele	38091	Northern-plains
North Dakota	North Dakota CRD 50	38050	Stutsman	38093	Northern-plains
North Dakota	North Dakota CRD 30	38030	Towner	38095	Northern-plains
North Dakota	North Dakota CRD 60	38060	Traill	38097	Northern-plains
North Dakota	North Dakota CRD 30	38030	Walsh	38099	Northern-plains
North Dakota	North Dakota CRD 10	38010	Ward	38101	Northern-plains
North Dakota	North Dakota CRD 50	38050	Wells	38103	Northern-plains
North Dakota	North Dakota CRD 10	38010	Williams	38105	Northern-plains
Ohio	Ohio CRD 80	39080	Adams	39001	Corn-belt
Ohio	Ohio CRD 10	39010	Allen	39003	Corn-belt
Ohio	Ohio CRD 20	39020	Ashland	39005	Corn-belt
Ohio	Ohio CRD 30	39030	Ashtabula	39007	Corn-belt
Ohio	Ohio CRD 90	39090	Athens	39009	Corn-belt
Ohio	Ohio CRD 40	39040	Auglaize	39011	Corn-belt
Ohio	Ohio CRD 60	39060	Belmont	39013	Corn-belt
Ohio	Ohio CRD 80	39080	Brown	39015	Corn-belt

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Ohio	Ohio CRD 70	39070	Butler	39017	Corn-belt
Ohio	Ohio CRD 60	39060	Carroll	39019	Corn-belt
Ohio	Ohio CRD 40	39040	Champaign	39021	Corn-belt
Ohio	Ohio CRD 40	39040	Clark	39023	Corn-belt
Ohio	Ohio CRD 70	39070	Clermont	39025	Corn-belt
Ohio	Ohio CRD 70	39070	Clinton	39027	Corn-belt
Ohio	Ohio CRD 30	39030	Columbiana	39029	Corn-belt
Ohio	Ohio CRD 60	39060	Coshocton	39031	Corn-belt
Ohio	Ohio CRD 20	39020	Crawford	39033	Corn-belt
Ohio	Ohio CRD 30	39030	Cuyahoga	39035	Corn-belt
Ohio	Ohio CRD 40	39040	Darke	39037	Corn-belt
Ohio	Ohio CRD 10	39010	Defiance	39039	Corn-belt
Ohio	Ohio CRD 50	39050	Delaware	39041	Corn-belt
Ohio	Ohio CRD 20	39020	Erie	39043	Corn-belt
Ohio	Ohio CRD 50	39050	Fairfield	39045	Corn-belt
Ohio	Ohio CRD 50	39050	Fayette	39047	Corn-belt
Ohio	Ohio CRD 50	39050	Franklin	39049	Corn-belt
Ohio	Ohio CRD 10	39010	Fulton	39051	Corn-belt
Ohio	Ohio CRD 80	39080	Gallia	39053	Corn-belt
Ohio	Ohio CRD 30	39030	Geauga	39055	Corn-belt
Ohio	Ohio CRD 70	39070	Greene	39057	Corn-belt
Ohio	Ohio CRD 90	39090	Guernsey	39059	Corn-belt
Ohio	Ohio CRD 70	39070	Hamilton	39061	Corn-belt
Ohio	Ohio CRD 10	39010	Hancock	39063	Corn-belt
Ohio	Ohio CRD 40	39040	Hardin	39065	Corn-belt
Ohio	Ohio CRD 60	39060	Harrison	39067	Corn-belt
Ohio	Ohio CRD 10	39010	Henry	39069	Corn-belt
Ohio	Ohio CRD 80	39080	Highland	39071	Corn-belt
Ohio	Ohio CRD 90	39090	Hocking	39073	Corn-belt
Ohio	Ohio CRD 60	39060	Holmes	39075	Corn-belt
Ohio	Ohio CRD 20	39020	Huron	39077	Corn-belt
Ohio	Ohio CRD 80	39080	Jackson	39079	Corn-belt
Ohio	Ohio CRD 60	39060	Jefferson	39081	Corn-belt
Ohio	Ohio CRD 50	39050	Knox	39083	Corn-belt
Ohio	Ohio CRD 30	39030	Lake	39085	Corn-belt
Ohio	Ohio CRD 80	39080	Lawrence	39087	Corn-belt
Ohio	Ohio CRD 50	39050	Licking	39089	Corn-belt
Ohio	Ohio CRD 40	39040	Logan	39091	Corn-belt
Ohio	Ohio CRD 20	39020	Lorain	39093	Corn-belt
Ohio	Ohio CRD 10	39010	Lucas	39095	Corn-belt
Ohio	Ohio CRD 50	39050	Madison	39097	Corn-belt
Ohio	Ohio CRD 30	39030	Mahoning	39099	Corn-belt

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Ohio	Ohio CRD 50	39050	Marion	39101	Corn-belt
Ohio	Ohio CRD 30	39030	Medina	39103	Corn-belt
Ohio	Ohio CRD 90	39090	Meigs	39105	Corn-belt
Ohio	Ohio CRD 40	39040	Mercer	39107	Corn-belt
Ohio	Ohio CRD 40	39040	Miami	39109	Corn-belt
Ohio	Ohio CRD 90	39090	Monroe	39111	Corn-belt
Ohio	Ohio CRD 70	39070	Montgomery	39113	Corn-belt
Ohio	Ohio CRD 90	39090	Morgan	39115	Corn-belt
Ohio	Ohio CRD 50	39050	Morrow	39117	Corn-belt
Ohio	Ohio CRD 90	39090	Muskingum	39119	Corn-belt
Ohio	Ohio CRD 90	39090	Noble	39121	Corn-belt
Ohio	Ohio CRD 20	39020	Ottawa	39123	Corn-belt
Ohio	Ohio CRD 10	39010	Paulding	39125	Corn-belt
Ohio	Ohio CRD 90	39090	Perry	39127	Corn-belt
Ohio	Ohio CRD 50	39050	Pickaway	39129	Corn-belt
Ohio	Ohio CRD 80	39080	Pike	39131	Corn-belt
Ohio	Ohio CRD 30	39030	Portage	39133	Corn-belt
Ohio	Ohio CRD 70	39070	Preble	39135	Corn-belt
Ohio	Ohio CRD 10	39010	Putnam	39137	Corn-belt
Ohio	Ohio CRD 20	39020	Richland	39139	Corn-belt
Ohio	Ohio CRD 50	39050	Ross	39141	Corn-belt
Ohio	Ohio CRD 20	39020	Sandusky	39143	Corn-belt
Ohio	Ohio CRD 80	39080	Scioto	39145	Corn-belt
Ohio	Ohio CRD 20	39020	Seneca	39147	Corn-belt
Ohio	Ohio CRD 40	39040	Shelby	39149	Corn-belt
Ohio	Ohio CRD 30	39030	Stark	39151	Corn-belt
Ohio	Ohio CRD 30	39030	Summit	39153	Corn-belt
Ohio	Ohio CRD 30	39030	Trumbull	39155	Corn-belt
Ohio	Ohio CRD 60	39060	Tuscarawas	39157	Corn-belt
Ohio	Ohio CRD 50	39050	Union	39159	Corn-belt
Ohio	Ohio CRD 10	39010	Van Wert	39161	Corn-belt
Ohio	Ohio CRD 90	39090	Vinton	39163	Corn-belt
Ohio	Ohio CRD 70	39070	Warren	39165	Corn-belt
Ohio	Ohio CRD 90	39090	Washington	39167	Corn-belt
Ohio	Ohio CRD 30	39030	Wayne	39169	Corn-belt
Ohio	Ohio CRD 10	39010	Williams	39171	Corn-belt
Ohio	Ohio CRD 10	39010	Wood	39173	Corn-belt
Ohio	Ohio CRD 20	39020	Wyandot	39175	Corn-belt
Oklahoma	Oklahoma CRD 80	40080	Adair	40001	Southern-plains
Oklahoma	Oklahoma CRD 40	40040	Alfalfa	40003	Southern-plains
Oklahoma	Oklahoma CRD 60	40060	Atoka	40005	Southern-plains
Oklahoma	Oklahoma CRD 10	40010	Beaver	40007	Southern-plains

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Oklahoma	Oklahoma CRD 20	40020	Beckham	40009	Southern-plains
Oklahoma	Oklahoma CRD 20	40020	Blaine	40011	Southern-plains
Oklahoma	Oklahoma CRD 60	40060	Bryan	40013	Southern-plains
Oklahoma	Oklahoma CRD 30	40030	Caddo	40015	Southern-plains
Oklahoma	Oklahoma CRD 50	40050	Canadian	40017	Southern-plains
Oklahoma	Oklahoma CRD 60	40060	Carter	40019	Southern-plains
Oklahoma	Oklahoma CRD 80	40080	Cherokee	40021	Southern-plains
Oklahoma	Oklahoma CRD 90	40090	Choctaw	40023	Southern-plains
Oklahoma	Oklahoma CRD 10	40010	Cimarron	40025	Southern-plains
Oklahoma	Oklahoma CRD 50	40050	Cleveland	40027	Southern-plains
Oklahoma	Oklahoma CRD 60	40060	Coal	40029	Southern-plains
Oklahoma	Oklahoma CRD 30	40030	Comanche	40031	Southern-plains
Oklahoma	Oklahoma CRD 30	40030	Cotton	40033	Southern-plains
Oklahoma	Oklahoma CRD 70	40070	Craig	40035	Southern-plains
Oklahoma	Oklahoma CRD 50	40050	Creek	40037	Southern-plains
Oklahoma	Oklahoma CRD 20	40020	Custer	40039	Southern-plains
Oklahoma	Oklahoma CRD 70	40070	Delaware	40041	Southern-plains
Oklahoma	Oklahoma CRD 20	40020	Dewey	40043	Southern-plains
Oklahoma	Oklahoma CRD 10	40010	Ellis	40045	Southern-plains
Oklahoma	Oklahoma CRD 40	40040	Garfield	40047	Southern-plains
Oklahoma	Oklahoma CRD 60	40060	Garvin	40049	Southern-plains
Oklahoma	Oklahoma CRD 50	40050	Grady	40051	Southern-plains
Oklahoma	Oklahoma CRD 40	40040	Grant	40053	Southern-plains
Oklahoma	Oklahoma CRD 30	40030	Greer	40055	Southern-plains
Oklahoma	Oklahoma CRD 30	40030	Harmon	40057	Southern-plains
Oklahoma	Oklahoma CRD 10	40010	Harper	40059	Southern-plains
Oklahoma	Oklahoma CRD 80	40080	Haskell	40061	Southern-plains
Oklahoma	Oklahoma CRD 80	40080	Hughes	40063	Southern-plains
Oklahoma	Oklahoma CRD 30	40030	Jackson	40065	Southern-plains
Oklahoma	Oklahoma CRD 60	40060	Jefferson	40067	Southern-plains
Oklahoma	Oklahoma CRD 60	40060	Johnston	40069	Southern-plains
Oklahoma	Oklahoma CRD 40	40040	Kay	40071	Southern-plains
Oklahoma	Oklahoma CRD 50	40050	Kingfisher	40073	Southern-plains
Oklahoma	Oklahoma CRD 30	40030	Kiowa	40075	Southern-plains
Oklahoma	Oklahoma CRD 90	40090	Latimer	40077	Southern-plains
Oklahoma	Oklahoma CRD 90	40090	Le Flore	40079	Southern-plains
Oklahoma	Oklahoma CRD 50	40050	Lincoln	40081	Southern-plains
Oklahoma	Oklahoma CRD 50	40050	Logan	40083	Southern-plains
Oklahoma	Oklahoma CRD 60	40060	Love	40085	Southern-plains
Oklahoma	Oklahoma CRD 50	40050	McClain	40087	Southern-plains
Oklahoma	Oklahoma CRD 90	40090	McCurtain	40089	Southern-plains
Oklahoma	Oklahoma CRD 80	40080	McIntosh	40091	Southern-plains

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Oklahoma	Oklahoma CRD 40	40040	Major	40093	Southern-plains
Oklahoma	Oklahoma CRD 60	40060	Marshall	40095	Southern-plains
Oklahoma	Oklahoma CRD 70	40070	Mayes	40097	Southern-plains
Oklahoma	Oklahoma CRD 60	40060	Murray	40099	Southern-plains
Oklahoma	Oklahoma CRD 80	40080	Muskogee	40101	Southern-plains
Oklahoma	Oklahoma CRD 40	40040	Noble	40103	Southern-plains
Oklahoma	Oklahoma CRD 70	40070	Nowata	40105	Southern-plains
Oklahoma	Oklahoma CRD 50	40050	Okfuskee	40107	Southern-plains
Oklahoma	Oklahoma CRD 50	40050	Oklahoma	40109	Southern-plains
Oklahoma	Oklahoma CRD 80	40080	Okmulgee	40111	Southern-plains
Oklahoma	Oklahoma CRD 70	40070	Osage	40113	Southern-plains
Oklahoma	Oklahoma CRD 70	40070	Ottawa	40115	Southern-plains
Oklahoma	Oklahoma CRD 70	40070	Pawnee	40117	Southern-plains
Oklahoma	Oklahoma CRD 50	40050	Payne	40119	Southern-plains
Oklahoma	Oklahoma CRD 80	40080	Pittsburg	40121	Southern-plains
Oklahoma	Oklahoma CRD 60	40060	Pontotoc	40123	Southern-plains
Oklahoma	Oklahoma CRD 50	40050	Pottawatomie	40125	Southern-plains
Oklahoma	Oklahoma CRD 90	40090	Pushmataha	40127	Southern-plains
Oklahoma	Oklahoma CRD 20	40020	Roger Mills	40129	Southern-plains
Oklahoma	Oklahoma CRD 70	40070	Rogers	40131	Southern-plains
Oklahoma	Oklahoma CRD 50	40050	Seminole	40133	Southern-plains
Oklahoma	Oklahoma CRD 80	40080	Sequoyah	40135	Southern-plains
Oklahoma	Oklahoma CRD 60	40060	Stephens	40137	Southern-plains
Oklahoma	Oklahoma CRD 10	40010	Texas	40139	Southern-plains
Oklahoma	Oklahoma CRD 30	40030	Tillman	40141	Southern-plains
Oklahoma	Oklahoma CRD 70	40070	Tulsa	40143	Southern-plains
Oklahoma	Oklahoma CRD 70	40070	Wagoner	40145	Southern-plains
Oklahoma	Oklahoma CRD 70	40070	Washington	40147	Southern-plains
Oklahoma	Oklahoma CRD 20	40020	Washita	40149	Southern-plains
Oklahoma	Oklahoma CRD 40	40040	Woods	40151	Southern-plains
Oklahoma	Oklahoma CRD 40	40040	Woodward	40153	Southern-plains
Oregon	Oregon CRD 30	41030	Baker	41001	Pacific
Oregon	Oregon CRD 10	41010	Benton	41003	Pacific
Oregon	Oregon CRD 10	41010	Clackamas	41005	Pacific
Oregon	Oregon CRD 10	41010	Clatsop	41007	Pacific
Oregon	Oregon CRD 10	41010	Columbia	41009	Pacific
Oregon	Oregon CRD 70	41070	Coos	41011	Pacific
Oregon	Oregon CRD 80	41080	Crook	41013	Pacific
Oregon	Oregon CRD 70	41070	Curry	41015	Pacific
Oregon	Oregon CRD 80	41080	Deschutes	41017	Pacific
Oregon	Oregon CRD 70	41070	Douglas	41019	Pacific
Oregon	Oregon CRD 20	41020	Gilliam	41021	Pacific

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Oregon	Oregon CRD 80	41080	Grant	41023	Pacific
Oregon	Oregon CRD 80	41080	Harney	41025	Pacific
Oregon	Oregon CRD 20	41020	Hood River	41027	Pacific
Oregon	Oregon CRD 70	41070	Jackson	41029	Pacific
Oregon	Oregon CRD 80	41080	Jefferson	41031	Pacific
Oregon	Oregon CRD 70	41070	Josephine	41033	Pacific
Oregon	Oregon CRD 80	41080	Klamath	41035	Pacific
Oregon	Oregon CRD 80	41080	Lake	41037	Pacific
Oregon	Oregon CRD 10	41010	Lane	41039	Pacific
Oregon	Oregon CRD 10	41010	Lincoln	41041	Pacific
Oregon	Oregon CRD 10	41010	Linn	41043	Pacific
Oregon	Oregon CRD 80	41080	Malheur	41045	Pacific
Oregon	Oregon CRD 10	41010	Marion	41047	Pacific
Oregon	Oregon CRD 20	41020	Morrow	41049	Pacific
Oregon	Oregon CRD 10	41010	Multnomah	41051	Pacific
Oregon	Oregon CRD 10	41010	Polk	41053	Pacific
Oregon	Oregon CRD 20	41020	Sherman	41055	Pacific
Oregon	Oregon CRD 10	41010	Tillamook	41057	Pacific
Oregon	Oregon CRD 30	41030	Umatilla	41059	Pacific
Oregon	Oregon CRD 30	41030	Union	41061	Pacific
Oregon	Oregon CRD 30	41030	Wallowa	41063	Pacific
Oregon	Oregon CRD 20	41020	Wasco	41065	Pacific
Oregon	Oregon CRD 10	41010	Washington	41067	Pacific
Oregon	Oregon CRD 80	41080	Wheeler	41069	Pacific
Oregon	Oregon CRD 10	41010	Yamhill	41071	Pacific
Pennsylvania	Pennsylvania CRD 80	42080	Adams	42001	Northeast
Pennsylvania	Pennsylvania CRD 70	42070	Allegheny	42003	Northeast
Pennsylvania	Pennsylvania CRD 40	42040	Armstrong	42005	Northeast
Pennsylvania	Pennsylvania CRD 40	42040	Beaver	42007	Northeast
Pennsylvania	Pennsylvania CRD 80	42080	Bedford	42009	Northeast
Pennsylvania	Pennsylvania CRD 90	42090	Berks	42011	Northeast
Pennsylvania	Pennsylvania CRD 50	42050	Blair	42013	Northeast
Pennsylvania	Pennsylvania CRD 20	42020	Bradford	42015	Northeast
Pennsylvania	Pennsylvania CRD 90	42090	Bucks	42017	Northeast
Pennsylvania	Pennsylvania CRD 40	42040	Butler	42019	Northeast
Pennsylvania	Pennsylvania CRD 50	42050	Cambria	42021	Northeast
Pennsylvania	Pennsylvania CRD 20	42020	Cameron	42023	Northeast
Pennsylvania	Pennsylvania CRD 60	42060	Carbon	42025	Northeast
Pennsylvania	Pennsylvania CRD 50	42050	Centre	42027	Northeast
Pennsylvania	Pennsylvania CRD 90	42090	Chester	42029	Northeast
Pennsylvania	Pennsylvania CRD 40	42040	Clarion	42031	Northeast
Pennsylvania	Pennsylvania CRD 50	42050	Clearfield	42033	Northeast

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Pennsylvania	Pennsylvania CRD 20	42020	Clinton	42035	Northeast
Pennsylvania	Pennsylvania CRD 50	42050	Columbia	42037	Northeast
Pennsylvania	Pennsylvania CRD 10	42010	Crawford	42039	Northeast
Pennsylvania	Pennsylvania CRD 80	42080	Cumberland	42041	Northeast
Pennsylvania	Pennsylvania CRD 50	42050	Dauphin	42043	Northeast
Pennsylvania	Pennsylvania CRD 90	42090	Delaware	42045	Northeast
Pennsylvania	Pennsylvania CRD 20	42020	Elk	42047	Northeast
Pennsylvania	Pennsylvania CRD 10	42010	Erie	42049	Northeast
Pennsylvania	Pennsylvania CRD 70	42070	Fayette	42051	Northeast
Pennsylvania	Pennsylvania CRD 10	42010	Forest	42053	Northeast
Pennsylvania	Pennsylvania CRD 80	42080	Franklin	42055	Northeast
Pennsylvania	Pennsylvania CRD 80	42080	Fulton	42057	Northeast
Pennsylvania	Pennsylvania CRD 70	42070	Greene	42059	Northeast
Pennsylvania	Pennsylvania CRD 50	42050	Huntingdon	42061	Northeast
Pennsylvania	Pennsylvania CRD 40	42040	Indiana	42063	Northeast
Pennsylvania	Pennsylvania CRD 40	42040	Jefferson	42065	Northeast
Pennsylvania	Pennsylvania CRD 50	42050	Juniata	42067	Northeast
Pennsylvania	Pennsylvania CRD 30	42030	Lackawanna	42069	Northeast
Pennsylvania	Pennsylvania CRD 90	42090	Lancaster	42071	Northeast
Pennsylvania	Pennsylvania CRD 40	42040	Lawrence	42073	Northeast
Pennsylvania	Pennsylvania CRD 90	42090	Lebanon	42075	Northeast
Pennsylvania	Pennsylvania CRD 60	42060	Lehigh	42077	Northeast
Pennsylvania	Pennsylvania CRD 60	42060	Luzerne	42079	Northeast
Pennsylvania	Pennsylvania CRD 20	42020	Lycoming	42081	Northeast
Pennsylvania	Pennsylvania CRD 20	42020	Mckean	42083	Northeast
Pennsylvania	Pennsylvania CRD 10	42010	Mercer	42085	Northeast
Pennsylvania	Pennsylvania CRD 50	42050	Mifflin	42087	Northeast
Pennsylvania	Pennsylvania CRD 60	42060	Monroe	42089	Northeast
Pennsylvania	Pennsylvania CRD 90	42090	Montgomery	42091	Northeast
Pennsylvania	Pennsylvania CRD 50	42050	Montour	42093	Northeast
Pennsylvania	Pennsylvania CRD 60	42060	Northampton	42095	Northeast
Pennsylvania	Pennsylvania CRD 50	42050	Northumberland	42097	Northeast
Pennsylvania	Pennsylvania CRD 50	42050	Perry	42099	Northeast
Pennsylvania	Pennsylvania CRD 90	42090	Philadelphia	42101	Northeast
Pennsylvania	Pennsylvania CRD 60	42060	Pike	42103	Northeast
Pennsylvania	Pennsylvania CRD 20	42020	Potter	42105	Northeast
Pennsylvania	Pennsylvania CRD 60	42060	Schuylkill	42107	Northeast
Pennsylvania	Pennsylvania CRD 50	42050	Snyder	42109	Northeast
Pennsylvania	Pennsylvania CRD 70	42070	Somerset	42111	Northeast
Pennsylvania	Pennsylvania CRD 20	42020	Sullivan	42113	Northeast
Pennsylvania	Pennsylvania CRD 30	42030	Susquehanna	42115	Northeast
Pennsylvania	Pennsylvania CRD 20	42020	Tioga	42117	Northeast

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Pennsylvania	Pennsylvania CRD 50	42050	Union	42119	Northeast
Pennsylvania	Pennsylvania CRD 10	42010	Venango	42121	Northeast
Pennsylvania	Pennsylvania CRD 10	42010	Warren	42123	Northeast
Pennsylvania	Pennsylvania CRD 70	42070	Washington	42125	Northeast
Pennsylvania	Pennsylvania CRD 30	42030	Wayne	42127	Northeast
Pennsylvania	Pennsylvania CRD 70	42070	Westmoreland	42129	Northeast
Pennsylvania	Pennsylvania CRD 30	42030	Wyoming	42131	Northeast
Pennsylvania	Pennsylvania CRD 80	42080	York	42133	Northeast
Rhode Island	Rhode island CRD 10	44010	Bristol	44001	Northeast
Rhode Island	Rhode island CRD 10	44010	Kent	44003	Northeast
Rhode Island	Rhode island CRD 10	44010	Newport	44005	Northeast
Rhode Island	Rhode island CRD 10	44010	Providence	44007	Northeast
Rhode Island	Rhode island CRD 10	44010	Washington	44009	Northeast
South Carolina	South Carolina CRD 40	45040	Abbeville	45001	Southeast
South Carolina	South Carolina CRD 40	45040	Aiken	45003	Southeast
South Carolina	South Carolina CRD 80	45080	Allendale	45005	Southeast
South Carolina	South Carolina CRD 10	45010	Anderson	45007	Southeast
South Carolina	South Carolina CRD 80	45080	Bamberg	45009	Southeast
South Carolina	South Carolina CRD 80	45080	Barnwell	45011	Southeast
South Carolina	South Carolina CRD 80	45080	Beaufort	45013	Southeast
South Carolina	South Carolina CRD 80	45080	Berkeley	45015	Southeast
South Carolina	South Carolina CRD 50	45050	Calhoun	45017	Southeast
South Carolina	South Carolina CRD 80	45080	Charleston	45019	Southeast
South Carolina	South Carolina CRD 10	45010	Cherokee	45021	Southeast
South Carolina	South Carolina CRD 20	45020	Chester	45023	Southeast
South Carolina	South Carolina CRD 30	45030	Chesterfield	45025	Southeast
South Carolina	South Carolina CRD 50	45050	Clarendon	45027	Southeast
South Carolina	South Carolina CRD 80	45080	Colleton	45029	Southeast
South Carolina	South Carolina CRD 30	45030	Darlington	45031	Southeast
South Carolina	South Carolina CRD 30	45030	Dillon	45033	Southeast
South Carolina	South Carolina CRD 80	45080	Dorchester	45035	Southeast
South Carolina	South Carolina CRD 40	45040	Edgefield	45037	Southeast
South Carolina	South Carolina CRD 20	45020	Fairfield	45039	Southeast
South Carolina	South Carolina CRD 30	45030	Florence	45041	Southeast
South Carolina	South Carolina CRD 30	45030	Georgetown	45043	Southeast
South Carolina	South Carolina CRD 10	45010	Greenville	45045	Southeast
South Carolina	South Carolina CRD 40	45040	Greenwood	45047	Southeast
South Carolina	South Carolina CRD 80	45080	Hampton	45049	Southeast
South Carolina	South Carolina CRD 30	45030	Horry	45051	Southeast
South Carolina	South Carolina CRD 80	45080	Jasper	45053	Southeast
South Carolina	South Carolina CRD 20	45020	Kershaw	45055	Southeast
South Carolina	South Carolina CRD 20	45020	Lancaster	45057	Southeast

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
South Carolina	South Carolina CRD 10	45010	Laurens	45059	Southeast
South Carolina	South Carolina CRD 50	45050	Lee	45061	Southeast
South Carolina	South Carolina CRD 50	45050	Lexington	45063	Southeast
South Carolina	South Carolina CRD 40	45040	McCormick	45065	Southeast
South Carolina	South Carolina CRD 30	45030	Marion	45067	Southeast
South Carolina	South Carolina CRD 30	45030	Marlboro	45069	Southeast
South Carolina	South Carolina CRD 40	45040	Newberry	45071	Southeast
South Carolina	South Carolina CRD 10	45010	Oconee	45073	Southeast
South Carolina	South Carolina CRD 50	45050	Orangeburg	45075	Southeast
South Carolina	South Carolina CRD 10	45010	Pickens	45077	Southeast
South Carolina	South Carolina CRD 50	45050	Richland	45079	Southeast
South Carolina	South Carolina CRD 40	45040	Saluda	45081	Southeast
South Carolina	South Carolina CRD 10	45010	Spartanburg	45083	Southeast
South Carolina	South Carolina CRD 50	45050	Sumter	45085	Southeast
South Carolina	South Carolina CRD 10	45010	Union	45087	Southeast
South Carolina	South Carolina CRD 30	45030	Williamsburg	45089	Southeast
South Carolina	South Carolina CRD 20	45020	York	45091	Southeast
South Dakota	South Dakota CRD 50	46050	Aurora	46003	Northern-plains
South Dakota	South Dakota CRD 50	46050	Beadle	46005	Northern-plains
South Dakota	South Dakota CRD 70	46070	Bennett	46007	Northern-plains
South Dakota	South Dakota CRD 90	46090	Bon Homme	46009	Northern-plains
South Dakota	South Dakota CRD 60	46060	Brookings	46011	Northern-plains
South Dakota	South Dakota CRD 20	46020	Brown	46013	Northern-plains
South Dakota	South Dakota CRD 50	46050	Brule	46015	Northern-plains
South Dakota	South Dakota CRD 50	46050	Buffalo	46017	Northern-plains
South Dakota	South Dakota CRD 10	46010	Butte	46019	Northern-plains
South Dakota	South Dakota CRD 20	46020	Campbell	46021	Northern-plains
South Dakota	South Dakota CRD 90	46090	Charles Mix	46023	Northern-plains
South Dakota	South Dakota CRD 30	46030	Clark	46025	Northern-plains
South Dakota	South Dakota CRD 90	46090	Clay	46027	Northern-plains
South Dakota	South Dakota CRD 30	46030	Codington	46029	Northern-plains
South Dakota	South Dakota CRD 10	46010	Corson	46031	Northern-plains
South Dakota	South Dakota CRD 70	46070	Custer	46033	Northern-plains
South Dakota	South Dakota CRD 60	46060	Davison	46035	Northern-plains
South Dakota	South Dakota CRD 30	46030	Day	46037	Northern-plains
South Dakota	South Dakota CRD 30	46030	Deuel	46039	Northern-plains
South Dakota	South Dakota CRD 10	46010	Dewey	46041	Northern-plains
South Dakota	South Dakota CRD 90	46090	Douglas	46043	Northern-plains
South Dakota	South Dakota CRD 20	46020	Edmunds	46045	Northern-plains
South Dakota	South Dakota CRD 70	46070	Fall River	46047	Northern-plains
South Dakota	South Dakota CRD 20	46020	Faulk	46049	Northern-plains
South Dakota	South Dakota CRD 30	46030	Grant	46051	Northern-plains

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
South Dakota	South Dakota CRD 80	46080	Gregory	46053	Northern-plains
South Dakota	South Dakota CRD 40	46040	Haakon	46055	Northern-plains
South Dakota	South Dakota CRD 30	46030	Hamlin	46057	Northern-plains
South Dakota	South Dakota CRD 50	46050	Hand	46059	Northern-plains
South Dakota	South Dakota CRD 60	46060	Hanson	46061	Northern-plains
South Dakota	South Dakota CRD 10	46010	Harding	46063	Northern-plains
South Dakota	South Dakota CRD 50	46050	Hughes	46065	Northern-plains
South Dakota	South Dakota CRD 90	46090	Hutchinson	46067	Northern-plains
South Dakota	South Dakota CRD 50	46050	Hyde	46069	Northern-plains
South Dakota	South Dakota CRD 40	46040	Jackson	46071	Northern-plains
South Dakota	South Dakota CRD 50	46050	Jerauld	46073	Northern-plains
South Dakota	South Dakota CRD 80	46080	Jones	46075	Northern-plains
South Dakota	South Dakota CRD 60	46060	Kingsbury	46077	Northern-plains
South Dakota	South Dakota CRD 60	46060	Lake	46079	Northern-plains
South Dakota	South Dakota CRD 40	46040	Lawrence	46081	Northern-plains
South Dakota	South Dakota CRD 90	46090	Lincoln	46083	Northern-plains
South Dakota	South Dakota CRD 80	46080	Lyman	46085	Northern-plains
South Dakota	South Dakota CRD 60	46060	McCook	46087	Northern-plains
South Dakota	South Dakota CRD 20	46020	McPherson	46089	Northern-plains
South Dakota	South Dakota CRD 30	46030	Marshall	46091	Northern-plains
South Dakota	South Dakota CRD 40	46040	Meade	46093	Northern-plains
South Dakota	South Dakota CRD 80	46080	Mellette	46095	Northern-plains
South Dakota	South Dakota CRD 60	46060	Miner	46097	Northern-plains
South Dakota	South Dakota CRD 60	46060	Minnehaha	46099	Northern-plains
South Dakota	South Dakota CRD 60	46060	Moody	46101	Northern-plains
South Dakota	South Dakota CRD 40	46040	Pennington	46103	Northern-plains
South Dakota	South Dakota CRD 10	46010	Perkins	46105	Northern-plains
South Dakota	South Dakota CRD 20	46020	Potter	46107	Northern-plains
South Dakota	South Dakota CRD 30	46030	Roberts	46109	Northern-plains
South Dakota	South Dakota CRD 60	46060	Sanborn	46111	Northern-plains
South Dakota	South Dakota CRD 70	46070	Shannon	46113	Northern-plains
South Dakota	South Dakota CRD 20	46020	Spink	46115	Northern-plains
South Dakota	South Dakota CRD 40	46040	Stanley	46117	Northern-plains
South Dakota	South Dakota CRD 50	46050	Sully	46119	Northern-plains
South Dakota	South Dakota CRD 80	46080	Todd	46121	Northern-plains
South Dakota	South Dakota CRD 80	46080	Tripp	46123	Northern-plains
South Dakota	South Dakota CRD 90	46090	Turner	46125	Northern-plains
South Dakota	South Dakota CRD 90	46090	Union	46127	Northern-plains
South Dakota	South Dakota CRD 20	46020	Walworth	46129	Northern-plains
South Dakota	South Dakota CRD 90	46090	Yankton	46135	Northern-plains
South Dakota	South Dakota CRD 10	46010	Ziebach	46137	Northern-plains
Tennessee	Tennessee CRD 60	47060	Anderson	47001	Appalachian

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Tennessee	Tennessee CRD 40	47040	Bedford	47003	Appalachian
Tennessee	Tennessee CRD 20	47020	Benton	47005	Appalachian
Tennessee	Tennessee CRD 50	47050	Bledsoe	47007	Appalachian
Tennessee	Tennessee CRD 60	47060	Blount	47009	Appalachian
Tennessee	Tennessee CRD 60	47060	Bradley	47011	Appalachian
Tennessee	Tennessee CRD 60	47060	Campbell	47013	Appalachian
Tennessee	Tennessee CRD 40	47040	Cannon	47015	Appalachian
Tennessee	Tennessee CRD 20	47020	Carroll	47017	Appalachian
Tennessee	Tennessee CRD 60	47060	Carter	47019	Appalachian
Tennessee	Tennessee CRD 30	47030	Cheatham	47021	Appalachian
Tennessee	Tennessee CRD 20	47020	Chester	47023	Appalachian
Tennessee	Tennessee CRD 60	47060	Claiborne	47025	Appalachian
Tennessee	Tennessee CRD 40	47040	Clay	47027	Appalachian
Tennessee	Tennessee CRD 60	47060	Cocke	47029	Appalachian
Tennessee	Tennessee CRD 50	47050	Coffee	47031	Appalachian
Tennessee	Tennessee CRD 20	47020	Crockett	47033	Appalachian
Tennessee	Tennessee CRD 50	47050	Cumberland	47035	Appalachian
Tennessee	Tennessee CRD 40	47040	Davidson	47037	Appalachian
Tennessee	Tennessee CRD 20	47020	Decatur	47039	Appalachian
Tennessee	Tennessee CRD 40	47040	De Kalb	47041	Appalachian
Tennessee	Tennessee CRD 30	47030	Dickson	47043	Appalachian
Tennessee	Tennessee CRD 10	47010	Dyer	47045	Appalachian
Tennessee	Tennessee CRD 20	47020	Fayette	47047	Appalachian
Tennessee	Tennessee CRD 50	47050	Fentress	47049	Appalachian
Tennessee	Tennessee CRD 50	47050	Franklin	47051	Appalachian
Tennessee	Tennessee CRD 20	47020	Gibson	47053	Appalachian
Tennessee	Tennessee CRD 40	47040	Giles	47055	Appalachian
Tennessee	Tennessee CRD 60	47060	Grainger	47057	Appalachian
Tennessee	Tennessee CRD 60	47060	Greene	47059	Appalachian
Tennessee	Tennessee CRD 50	47050	Grundy	47061	Appalachian
Tennessee	Tennessee CRD 60	47060	Hamblen	47063	Appalachian
Tennessee	Tennessee CRD 60	47060	Hamilton	47065	Appalachian
Tennessee	Tennessee CRD 60	47060	Hancock	47067	Appalachian
Tennessee	Tennessee CRD 20	47020	Hardeman	47069	Appalachian
Tennessee	Tennessee CRD 20	47020	Hardin	47071	Appalachian
Tennessee	Tennessee CRD 60	47060	Hawkins	47073	Appalachian
Tennessee	Tennessee CRD 20	47020	Haywood	47075	Appalachian
Tennessee	Tennessee CRD 20	47020	Henderson	47077	Appalachian
Tennessee	Tennessee CRD 20	47020	Henry	47079	Appalachian
Tennessee	Tennessee CRD 30	47030	Hickman	47081	Appalachian
Tennessee	Tennessee CRD 30	47030	Houston	47083	Appalachian
Tennessee	Tennessee CRD 30	47030	Humphreys	47085	Appalachian

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Tennessee	Tennessee CRD 40	47040	Jackson	47087	Appalachian
Tennessee	Tennessee CRD 60	47060	Jefferson	47089	Appalachian
Tennessee	Tennessee CRD 60	47060	Johnson	47091	Appalachian
Tennessee	Tennessee CRD 60	47060	Knox	47093	Appalachian
Tennessee	Tennessee CRD 10	47010	Lake	47095	Appalachian
Tennessee	Tennessee CRD 10	47010	Lauderdale	47097	Appalachian
Tennessee	Tennessee CRD 30	47030	Lawrence	47099	Appalachian
Tennessee	Tennessee CRD 30	47030	Lewis	47101	Appalachian
Tennessee	Tennessee CRD 40	47040	Lincoln	47103	Appalachian
Tennessee	Tennessee CRD 60	47060	Loudon	47105	Appalachian
Tennessee	Tennessee CRD 60	47060	Mcminn	47107	Appalachian
Tennessee	Tennessee CRD 20	47020	Mcnairy	47109	Appalachian
Tennessee	Tennessee CRD 40	47040	Macon	47111	Appalachian
Tennessee	Tennessee CRD 20	47020	Madison	47113	Appalachian
Tennessee	Tennessee CRD 50	47050	Marion	47115	Appalachian
Tennessee	Tennessee CRD 40	47040	Marshall	47117	Appalachian
Tennessee	Tennessee CRD 40	47040	Maury	47119	Appalachian
Tennessee	Tennessee CRD 60	47060	Meigs	47121	Appalachian
Tennessee	Tennessee CRD 60	47060	Monroe	47123	Appalachian
Tennessee	Tennessee CRD 30	47030	Montgomery	47125	Appalachian
Tennessee	Tennessee CRD 40	47040	Moore	47127	Appalachian
Tennessee	Tennessee CRD 50	47050	Morgan	47129	Appalachian
Tennessee	Tennessee CRD 10	47010	Obion	47131	Appalachian
Tennessee	Tennessee CRD 50	47050	Overton	47133	Appalachian
Tennessee	Tennessee CRD 30	47030	Perry	47135	Appalachian
Tennessee	Tennessee CRD 50	47050	Pickett	47137	Appalachian
Tennessee	Tennessee CRD 60	47060	Polk	47139	Appalachian
Tennessee	Tennessee CRD 50	47050	Putnam	47141	Appalachian
Tennessee	Tennessee CRD 60	47060	Rhea	47143	Appalachian
Tennessee	Tennessee CRD 60	47060	Roane	47145	Appalachian
Tennessee	Tennessee CRD 30	47030	Robertson	47147	Appalachian
Tennessee	Tennessee CRD 40	47040	Rutherford	47149	Appalachian
Tennessee	Tennessee CRD 50	47050	Scott	47151	Appalachian
Tennessee	Tennessee CRD 50	47050	Sequatchie	47153	Appalachian
Tennessee	Tennessee CRD 60	47060	Sevier	47155	Appalachian
Tennessee	Tennessee CRD 10	47010	Shelby	47157	Appalachian
Tennessee	Tennessee CRD 40	47040	Smith	47159	Appalachian
Tennessee	Tennessee CRD 30	47030	Stewart	47161	Appalachian
Tennessee	Tennessee CRD 60	47060	Sullivan	47163	Appalachian
Tennessee	Tennessee CRD 40	47040	Sumner	47165	Appalachian
Tennessee	Tennessee CRD 10	47010	Tipton	47167	Appalachian
Tennessee	Tennessee CRD 40	47040	Trousdale	47169	Appalachian

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Tennessee	Tennessee CRD 60	47060	Unicoi	47171	Appalachian
Tennessee	Tennessee CRD 60	47060	Union	47173	Appalachian
Tennessee	Tennessee CRD 50	47050	Van Buren	47175	Appalachian
Tennessee	Tennessee CRD 50	47050	Warren	47177	Appalachian
Tennessee	Tennessee CRD 60	47060	Washington	47179	Appalachian
Tennessee	Tennessee CRD 30	47030	Wayne	47181	Appalachian
Tennessee	Tennessee CRD 20	47020	Weakley	47183	Appalachian
Tennessee	Tennessee CRD 50	47050	White	47185	Appalachian
Tennessee	Tennessee CRD 40	47040	Williamson	47187	Appalachian
Tennessee	Tennessee CRD 40	47040	Wilson	47189	Appalachian
Texas	Texas CRD 51	48051	Anderson	48001	Southern-plains
Texas	Texas CRD 12	48012	Andrews	48003	Southern-plains
Texas	Texas CRD 52	48052	Angelina	48005	Southern-plains
Texas	Texas CRD 82	48082	Aransas	48007	Southern-plains
Texas	Texas CRD 30	48030	Archer	48009	Southern-plains
Texas	Texas CRD 11	48011	Armstrong	48011	Southern-plains
Texas	Texas CRD 96	48096	Atascosa	48013	Southern-plains
Texas	Texas CRD 81	48081	Austin	48015	Southern-plains
Texas	Texas CRD 12	48012	Bailey	48017	Southern-plains
Texas	Texas CRD 70	48070	Bandera	48019	Southern-plains
Texas	Texas CRD 81	48081	Bastrop	48021	Southern-plains
Texas	Texas CRD 22	48022	Baylor	48023	Southern-plains
Texas	Texas CRD 81	48081	Bee	48025	Southern-plains
Texas	Texas CRD 40	48040	Bell	48027	Southern-plains
Texas	Texas CRD 81	48081	Bexar	48029	Southern-plains
Texas	Texas CRD 70	48070	Blanco	48031	Southern-plains
Texas	Texas CRD 21	48021	Borden	48033	Southern-plains
Texas	Texas CRD 40	48040	Bosque	48035	Southern-plains
Texas	Texas CRD 51	48051	Bowie	48037	Southern-plains
Texas	Texas CRD 90	48090	Brazoria	48039	Southern-plains
Texas	Texas CRD 52	48052	Brazos	48041	Southern-plains
Texas	Texas CRD 60	48060	Brewster	48043	Southern-plains
Texas	Texas CRD 11	48011	Briscoe	48045	Southern-plains
Texas	Texas CRD 96	48096	Brooks	48047	Southern-plains
Texas	Texas CRD 30	48030	Brown	48049	Southern-plains
Texas	Texas CRD 81	48081	Burleson	48051	Southern-plains
Texas	Texas CRD 70	48070	Burnet	48053	Southern-plains
Texas	Texas CRD 81	48081	Caldwell	48055	Southern-plains
Texas	Texas CRD 90	48090	Calhoun	48057	Southern-plains
Texas	Texas CRD 30	48030	Callahan	48059	Southern-plains
Texas	Texas CRD 97	48097	Cameron	48061	Southern-plains
Texas	Texas CRD 51	48051	Camp	48063	Southern-plains

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Texas	Texas CRD 11	48011	Carson	48065	Southern-plains
Texas	Texas CRD 51	48051	Cass	48067	Southern-plains
Texas	Texas CRD 11	48011	Castro	48069	Southern-plains
Texas	Texas CRD 90	48090	Chambers	48071	Southern-plains
Texas	Texas CRD 51	48051	Cherokee	48073	Southern-plains
Texas	Texas CRD 21	48021	Childress	48075	Southern-plains
Texas	Texas CRD 30	48030	Clay	48077	Southern-plains
Texas	Texas CRD 12	48012	Cochran	48079	Southern-plains
Texas	Texas CRD 70	48070	Coke	48081	Southern-plains
Texas	Texas CRD 22	48022	Coleman	48083	Southern-plains
Texas	Texas CRD 40	48040	Collin	48085	Southern-plains
Texas	Texas CRD 21	48021	Collingsworth	48087	Southern-plains
Texas	Texas CRD 81	48081	Colorado	48089	Southern-plains
Texas	Texas CRD 81	48081	Comal	48091	Southern-plains
Texas	Texas CRD 30	48030	Comanche	48093	Southern-plains
Texas	Texas CRD 70	48070	Concho	48095	Southern-plains
Texas	Texas CRD 40	48040	Cooke	48097	Southern-plains
Texas	Texas CRD 40	48040	Coryell	48099	Southern-plains
Texas	Texas CRD 21	48021	Cottle	48101	Southern-plains
Texas	Texas CRD 60	48060	Crane	48103	Southern-plains
Texas	Texas CRD 70	48070	Crockett	48105	Southern-plains
Texas	Texas CRD 12	48012	Crosby	48107	Southern-plains
Texas	Texas CRD 60	48060	Culberson	48109	Southern-plains
Texas	Texas CRD 11	48011	Dallam	48111	Southern-plains
Texas	Texas CRD 40	48040	Dallas	48113	Southern-plains
Texas	Texas CRD 12	48012	Dawson	48115	Southern-plains
Texas	Texas CRD 11	48011	Deaf Smith	48117	Southern-plains
Texas	Texas CRD 40	48040	Delta	48119	Southern-plains
Texas	Texas CRD 40	48040	Denton	48121	Southern-plains
Texas	Texas CRD 81	48081	De Witt	48123	Southern-plains
Texas	Texas CRD 21	48021	Dickens	48125	Southern-plains
Texas	Texas CRD 96	48096	Dimmit	48127	Southern-plains
Texas	Texas CRD 21	48021	Donley	48129	Southern-plains
Texas	Texas CRD 96	48096	Duval	48131	Southern-plains
Texas	Texas CRD 30	48030	Eastland	48133	Southern-plains
Texas	Texas CRD 60	48060	Ector	48135	Southern-plains
Texas	Texas CRD 70	48070	Edwards	48137	Southern-plains
Texas	Texas CRD 40	48040	Ellis	48139	Southern-plains
Texas	Texas CRD 60	48060	El Paso	48141	Southern-plains
Texas	Texas CRD 30	48030	Erath	48143	Southern-plains
Texas	Texas CRD 40	48040	Falls	48145	Southern-plains
Texas	Texas CRD 40	48040	Fannin	48147	Southern-plains

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Texas	Texas CRD 81	48081	Fayette	48149	Southern-plains
Texas	Texas CRD 22	48022	Fisher	48151	Southern-plains
Texas	Texas CRD 11	48011	Floyd	48153	Southern-plains
Texas	Texas CRD 21	48021	Foard	48155	Southern-plains
Texas	Texas CRD 90	48090	Fort Bend	48157	Southern-plains
Texas	Texas CRD 51	48051	Franklin	48159	Southern-plains
Texas	Texas CRD 52	48052	Freestone	48161	Southern-plains
Texas	Texas CRD 96	48096	Frio	48163	Southern-plains
Texas	Texas CRD 12	48012	Gaines	48165	Southern-plains
Texas	Texas CRD 90	48090	Galveston	48167	Southern-plains
Texas	Texas CRD 21	48021	Garza	48169	Southern-plains
Texas	Texas CRD 70	48070	Gillespie	48171	Southern-plains
Texas	Texas CRD 12	48012	Glasscock	48173	Southern-plains
Texas	Texas CRD 81	48081	Goliad	48175	Southern-plains
Texas	Texas CRD 81	48081	Gonzales	48177	Southern-plains
Texas	Texas CRD 11	48011	Gray	48179	Southern-plains
Texas	Texas CRD 40	48040	Grayson	48181	Southern-plains
Texas	Texas CRD 51	48051	Gregg	48183	Southern-plains
Texas	Texas CRD 52	48052	Grimes	48185	Southern-plains
Texas	Texas CRD 81	48081	Guadalupe	48187	Southern-plains
Texas	Texas CRD 11	48011	Hale	48189	Southern-plains
Texas	Texas CRD 21	48021	Hall	48191	Southern-plains
Texas	Texas CRD 40	48040	Hamilton	48193	Southern-plains
Texas	Texas CRD 11	48011	Hansford	48195	Southern-plains
Texas	Texas CRD 21	48021	Hardeman	48197	Southern-plains
Texas	Texas CRD 52	48052	Hardin	48199	Southern-plains
Texas	Texas CRD 90	48090	Harris	48201	Southern-plains
Texas	Texas CRD 51	48051	Harrison	48203	Southern-plains
Texas	Texas CRD 11	48011	Hartley	48205	Southern-plains
Texas	Texas CRD 22	48022	Haskell	48207	Southern-plains
Texas	Texas CRD 81	48081	Hays	48209	Southern-plains
Texas	Texas CRD 11	48011	Hemphill	48211	Southern-plains
Texas	Texas CRD 51	48051	Henderson	48213	Southern-plains
Texas	Texas CRD 97	48097	Hidalgo	48215	Southern-plains
Texas	Texas CRD 40	48040	Hill	48217	Southern-plains
Texas	Texas CRD 12	48012	Hockley	48219	Southern-plains
Texas	Texas CRD 30	48030	Hood	48221	Southern-plains
Texas	Texas CRD 51	48051	Hopkins	48223	Southern-plains
Texas	Texas CRD 51	48051	Houston	48225	Southern-plains
Texas	Texas CRD 12	48012	Howard	48227	Southern-plains
Texas	Texas CRD 60	48060	Hudspeth	48229	Southern-plains
Texas	Texas CRD 40	48040	Hunt	48231	Southern-plains

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Texas	Texas CRD 11	48011	Hutchinson	48233	Southern-plains
Texas	Texas CRD 70	48070	Irion	48235	Southern-plains
Texas	Texas CRD 30	48030	Jack	48237	Southern-plains
Texas	Texas CRD 90	48090	Jackson	48239	Southern-plains
Texas	Texas CRD 52	48052	Jasper	48241	Southern-plains
Texas	Texas CRD 60	48060	Jeff Davis	48243	Southern-plains
Texas	Texas CRD 90	48090	Jefferson	48245	Southern-plains
Texas	Texas CRD 96	48096	Jim Hogg	48247	Southern-plains
Texas	Texas CRD 96	48096	Jim Wells	48249	Southern-plains
Texas	Texas CRD 40	48040	Johnson	48251	Southern-plains
Texas	Texas CRD 22	48022	Jones	48253	Southern-plains
Texas	Texas CRD 81	48081	Karnes	48255	Southern-plains
Texas	Texas CRD 40	48040	Kaufman	48257	Southern-plains
Texas	Texas CRD 70	48070	Kendall	48259	Southern-plains
Texas	Texas CRD 96	48096	Kenedy	48261	Southern-plains
Texas	Texas CRD 21	48021	Kent	48263	Southern-plains
Texas	Texas CRD 70	48070	Kerr	48265	Southern-plains
Texas	Texas CRD 70	48070	Kimble	48267	Southern-plains
Texas	Texas CRD 21	48021	King	48269	Southern-plains
Texas	Texas CRD 70	48070	Kinney	48271	Southern-plains
Texas	Texas CRD 82	48082	Kleberg	48273	Southern-plains
Texas	Texas CRD 22	48022	Knox	48275	Southern-plains
Texas	Texas CRD 40	48040	Lamar	48277	Southern-plains
Texas	Texas CRD 12	48012	Lamb	48279	Southern-plains
Texas	Texas CRD 70	48070	Lampasas	48281	Southern-plains
Texas	Texas CRD 96	48096	LaSalle	48283	Southern-plains
Texas	Texas CRD 81	48081	Lavaca	48285	Southern-plains
Texas	Texas CRD 81	48081	Lee	48287	Southern-plains
Texas	Texas CRD 52	48052	Leon	48289	Southern-plains
Texas	Texas CRD 90	48090	Liberty	48291	Southern-plains
Texas	Texas CRD 40	48040	Limestone	48293	Southern-plains
Texas	Texas CRD 11	48011	Lipscomb	48295	Southern-plains
Texas	Texas CRD 96	48096	Live Oak	48297	Southern-plains
Texas	Texas CRD 70	48070	Llano	48299	Southern-plains
Texas	Texas CRD 60	48060	Loving	48301	Southern-plains
Texas	Texas CRD 12	48012	Lubbock	48303	Southern-plains
Texas	Texas CRD 12	48012	Lynn	48305	Southern-plains
Texas	Texas CRD 70	48070	McCulloch	48307	Southern-plains
Texas	Texas CRD 40	48040	McLennan	48309	Southern-plains
Texas	Texas CRD 96	48096	McMullen	48311	Southern-plains
Texas	Texas CRD 52	48052	Madison	48313	Southern-plains
Texas	Texas CRD 51	48051	Marion	48315	Southern-plains

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Texas	Texas CRD 12	48012	Martin	48317	Southern-plains
Texas	Texas CRD 70	48070	Mason	48319	Southern-plains
Texas	Texas CRD 90	48090	Matagorda	48321	Southern-plains
Texas	Texas CRD 96	48096	Maverick	48323	Southern-plains
Texas	Texas CRD 81	48081	Medina	48325	Southern-plains
Texas	Texas CRD 70	48070	Menard	48327	Southern-plains
Texas	Texas CRD 12	48012	Midland	48329	Southern-plains
Texas	Texas CRD 40	48040	Milam	48331	Southern-plains
Texas	Texas CRD 30	48030	Mills	48333	Southern-plains
Texas	Texas CRD 22	48022	Mitchell	48335	Southern-plains
Texas	Texas CRD 30	48030	Montague	48337	Southern-plains
Texas	Texas CRD 52	48052	Montgomery	48339	Southern-plains
Texas	Texas CRD 11	48011	Moore	48341	Southern-plains
Texas	Texas CRD 51	48051	Morris	48343	Southern-plains
Texas	Texas CRD 21	48021	Motley	48345	Southern-plains
Texas	Texas CRD 51	48051	Nacogdoches	48347	Southern-plains
Texas	Texas CRD 40	48040	Navarro	48349	Southern-plains
Texas	Texas CRD 52	48052	Newton	48351	Southern-plains
Texas	Texas CRD 22	48022	Nolan	48353	Southern-plains
Texas	Texas CRD 82	48082	Nueces	48355	Southern-plains
Texas	Texas CRD 11	48011	Ochiltree	48357	Southern-plains
Texas	Texas CRD 11	48011	Oldham	48359	Southern-plains
Texas	Texas CRD 90	48090	Orange	48361	Southern-plains
Texas	Texas CRD 30	48030	Palo Pinto	48363	Southern-plains
Texas	Texas CRD 51	48051	Panola	48365	Southern-plains
Texas	Texas CRD 30	48030	Parker	48367	Southern-plains
Texas	Texas CRD 11	48011	Parmer	48369	Southern-plains
Texas	Texas CRD 60	48060	Pecos	48371	Southern-plains
Texas	Texas CRD 52	48052	Polk	48373	Southern-plains
Texas	Texas CRD 11	48011	Potter	48375	Southern-plains
Texas	Texas CRD 60	48060	Presidio	48377	Southern-plains
Texas	Texas CRD 51	48051	Rains	48379	Southern-plains
Texas	Texas CRD 11	48011	Randall	48381	Southern-plains
Texas	Texas CRD 70	48070	Reagan	48383	Southern-plains
Texas	Texas CRD 70	48070	Real	48385	Southern-plains
Texas	Texas CRD 51	48051	Red River	48387	Southern-plains
Texas	Texas CRD 60	48060	Reeves	48389	Southern-plains
Texas	Texas CRD 82	48082	Refugio	48391	Southern-plains
Texas	Texas CRD 11	48011	Roberts	48393	Southern-plains
Texas	Texas CRD 52	48052	Robertson	48395	Southern-plains
Texas	Texas CRD 40	48040	Rockwall	48397	Southern-plains
Texas	Texas CRD 22	48022	Runnels	48399	Southern-plains

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Texas	Texas CRD 51	48051	Rusk	48401	Southern-plains
Texas	Texas CRD 52	48052	Sabine	48403	Southern-plains
Texas	Texas CRD 52	48052	San Augustine	48405	Southern-plains
Texas	Texas CRD 52	48052	San Jacinto	48407	Southern-plains
Texas	Texas CRD 82	48082	San Patricio	48409	Southern-plains
Texas	Texas CRD 70	48070	San Saba	48411	Southern-plains
Texas	Texas CRD 70	48070	Schleicher	48413	Southern-plains
Texas	Texas CRD 22	48022	Scurry	48415	Southern-plains
Texas	Texas CRD 30	48030	Shackelford	48417	Southern-plains
Texas	Texas CRD 51	48051	Shelby	48419	Southern-plains
Texas	Texas CRD 11	48011	Sherman	48421	Southern-plains
Texas	Texas CRD 51	48051	Smith	48423	Southern-plains
Texas	Texas CRD 30	48030	Somervell	48425	Southern-plains
Texas	Texas CRD 97	48097	Starr	48427	Southern-plains
Texas	Texas CRD 30	48030	Stephens	48429	Southern-plains
Texas	Texas CRD 70	48070	Sterling	48431	Southern-plains
Texas	Texas CRD 22	48022	Stonewall	48433	Southern-plains
Texas	Texas CRD 70	48070	Sutton	48435	Southern-plains
Texas	Texas CRD 11	48011	Swisher	48437	Southern-plains
Texas	Texas CRD 40	48040	Tarrant	48439	Southern-plains
Texas	Texas CRD 22	48022	Taylor	48441	Southern-plains
Texas	Texas CRD 60	48060	Terrell	48443	Southern-plains
Texas	Texas CRD 12	48012	Terry	48445	Southern-plains
Texas	Texas CRD 30	48030	Throckmorton	48447	Southern-plains
Texas	Texas CRD 51	48051	Titus	48449	Southern-plains
Texas	Texas CRD 70	48070	Tom Green	48451	Southern-plains
Texas	Texas CRD 81	48081	Travis	48453	Southern-plains
Texas	Texas CRD 52	48052	Trinity	48455	Southern-plains
Texas	Texas CRD 52	48052	Tyler	48457	Southern-plains
Texas	Texas CRD 51	48051	Upshur	48459	Southern-plains
Texas	Texas CRD 70	48070	Upton	48461	Southern-plains
Texas	Texas CRD 70	48070	Uvalde	48463	Southern-plains
Texas	Texas CRD 70	48070	Val Verde	48465	Southern-plains
Texas	Texas CRD 51	48051	Van Zandt	48467	Southern-plains
Texas	Texas CRD 90	48090	Victoria	48469	Southern-plains
Texas	Texas CRD 52	48052	Walker	48471	Southern-plains
Texas	Texas CRD 52	48052	Waller	48473	Southern-plains
Texas	Texas CRD 60	48060	Ward	48475	Southern-plains
Texas	Texas CRD 81	48081	Washington	48477	Southern-plains
Texas	Texas CRD 96	48096	Webb	48479	Southern-plains
Texas	Texas CRD 90	48090	Wharton	48481	Southern-plains
Texas	Texas CRD 21	48021	Wheeler	48483	Southern-plains

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Texas	Texas CRD 21	48021	Wichita	48485	Southern-plains
Texas	Texas CRD 21	48021	Wilbarger	48487	Southern-plains
Texas	Texas CRD 97	48097	Willacy	48489	Southern-plains
Texas	Texas CRD 40	48040	Williamson	48491	Southern-plains
Texas	Texas CRD 81	48081	Wilson	48493	Southern-plains
Texas	Texas CRD 60	48060	Winkler	48495	Southern-plains
Texas	Texas CRD 30	48030	Wise	48497	Southern-plains
Texas	Texas CRD 51	48051	Wood	48499	Southern-plains
Texas	Texas CRD 12	48012	Yoakum	48501	Southern-plains
Texas	Texas CRD 30	48030	Young	48503	Southern-plains
Texas	Texas CRD 96	48096	Zapata	48505	Southern-plains
Texas	Texas CRD 96	48096	Zavala	48507	Southern-plains
Utah	Utah CRD 70	49070	Beaver	49001	Mountain
Utah	Utah CRD 10	49010	Box Elder	49003	Mountain
Utah	Utah CRD 10	49010	Cache	49005	Mountain
Utah	Utah CRD 60	49060	Carbon	49007	Mountain
Utah	Utah CRD 60	49060	Daggett	49009	Mountain
Utah	Utah CRD 10	49010	Davis	49011	Mountain
Utah	Utah CRD 60	49060	Duchesne	49013	Mountain
Utah	Utah CRD 60	49060	Emery	49015	Mountain
Utah	Utah CRD 70	49070	Garfield	49017	Mountain
Utah	Utah CRD 60	49060	Grand	49019	Mountain
Utah	Utah CRD 70	49070	Iron	49021	Mountain
Utah	Utah CRD 50	49050	Juab	49023	Mountain
Utah	Utah CRD 70	49070	Kane	49025	Mountain
Utah	Utah CRD 50	49050	Millard	49027	Mountain
Utah	Utah CRD 10	49010	Morgan	49029	Mountain
Utah	Utah CRD 70	49070	Piute	49031	Mountain
Utah	Utah CRD 10	49010	Rich	49033	Mountain
Utah	Utah CRD 10	49010	Salt Lake	49035	Mountain
Utah	Utah CRD 60	49060	San Juan	49037	Mountain
Utah	Utah CRD 50	49050	Sanpete	49039	Mountain
Utah	Utah CRD 50	49050	Sevier	49041	Mountain
Utah	Utah CRD 60	49060	Summit	49043	Mountain
Utah	Utah CRD 10	49010	Tooele	49045	Mountain
Utah	Utah CRD 60	49060	Uintah	49047	Mountain
Utah	Utah CRD 50	49050	Utah	49049	Mountain
Utah	Utah CRD 60	49060	Wasatch	49051	Mountain
Utah	Utah CRD 70	49070	Washington	49053	Mountain
Utah	Utah CRD 70	49070	Wayne	49055	Mountain
Utah	Utah CRD 10	49010	Weber	49057	Mountain
Vermont	Vermont CRD 10	50010	Addison	50001	Northeast

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Vermont	Vermont CRD 10	50010	Bennington	50003	Northeast
Vermont	Vermont CRD 10	50010	Caledonia	50005	Northeast
Vermont	Vermont CRD 10	50010	Chittenden	50007	Northeast
Vermont	Vermont CRD 10	50010	Essex	50009	Northeast
Vermont	Vermont CRD 10	50010	Franklin	50011	Northeast
Vermont	Vermont CRD 10	50010	Grand Isle	50013	Northeast
Vermont	Vermont CRD 10	50010	Lamoille	50015	Northeast
Vermont	Vermont CRD 10	50010	Orange	50017	Northeast
Vermont	Vermont CRD 10	50010	Orleans	50019	Northeast
Vermont	Vermont CRD 10	50010	Rutland	50021	Northeast
Vermont	Vermont CRD 10	50010	Washington	50023	Northeast
Vermont	Vermont CRD 10	50010	Windham	50025	Northeast
Vermont	Vermont CRD 10	50010	Windsor	50027	Northeast
Virginia	Virginia CRD 60	51060	Accomack	51001	Appalachian
Virginia	Virginia CRD 50	51050	Albemarle	51003	Appalachian
Virginia	Virginia CRD 40	51040	Alleghany	51005	Appalachian
Virginia	Virginia CRD 50	51050	Amelia	51007	Appalachian
Virginia	Virginia CRD 50	51050	Amherst	51009	Appalachian
Virginia	Virginia CRD 50	51050	Appomattox	51011	Appalachian
Virginia	Virginia CRD 20	51020	Arlington	51013	Appalachian
Virginia	Virginia CRD 40	51040	Augusta	51015	Appalachian
Virginia	Virginia CRD 40	51040	Bath	51017	Appalachian
Virginia	Virginia CRD 50	51050	Bedford	51019	Appalachian
Virginia	Virginia CRD 70	51070	Bland	51021	Appalachian
Virginia	Virginia CRD 40	51040	Botetourt	51023	Appalachian
Virginia	Virginia CRD 90	51090	Brunswick	51025	Appalachian
Virginia	Virginia CRD 70	51070	Buchanan	51027	Appalachian
Virginia	Virginia CRD 50	51050	Buckingham	51029	Appalachian
Virginia	Virginia CRD 50	51050	Campbell	51031	Appalachian
Virginia	Virginia CRD 50	51050	Caroline	51033	Appalachian
Virginia	Virginia CRD 70	51070	Carroll	51035	Appalachian
Virginia	Virginia CRD 60	51060	Charles City	51036	Appalachian
Virginia	Virginia CRD 80	51080	Charlotte	51037	Appalachian
Virginia	Virginia CRD 50	51050	Chesterfield	51041	Appalachian
Virginia	Virginia CRD 20	51020	Clarke	51043	Appalachian
Virginia	Virginia CRD 40	51040	Craig	51045	Appalachian
Virginia	Virginia CRD 20	51020	Culpeper	51047	Appalachian
Virginia	Virginia CRD 50	51050	Cumberland	51049	Appalachian
Virginia	Virginia CRD 70	51070	Dickenson	51051	Appalachian
Virginia	Virginia CRD 90	51090	Dinwiddie	51053	Appalachian
Virginia	Virginia CRD 60	51060	Essex	51057	Appalachian
Virginia	Virginia CRD 20	51020	Fairfax	51059	Appalachian

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Virginia	Virginia CRD 20	51020	Fauquier	51061	Appalachian
Virginia	Virginia CRD 70	51070	Floyd	51063	Appalachian
Virginia	Virginia CRD 50	51050	Fluvanna	51065	Appalachian
Virginia	Virginia CRD 80	51080	Franklin	51067	Appalachian
Virginia	Virginia CRD 20	51020	Frederick	51069	Appalachian
Virginia	Virginia CRD 70	51070	Giles	51071	Appalachian
Virginia	Virginia CRD 60	51060	Gloucester	51073	Appalachian
Virginia	Virginia CRD 50	51050	Goochland	51075	Appalachian
Virginia	Virginia CRD 70	51070	Grayson	51077	Appalachian
Virginia	Virginia CRD 50	51050	Greene	51079	Appalachian
Virginia	Virginia CRD 90	51090	Greensville	51081	Appalachian
Virginia	Virginia CRD 80	51080	Halifax	51083	Appalachian
Virginia	Virginia CRD 50	51050	Hanover	51085	Appalachian
Virginia	Virginia CRD 50	51050	Henrico	51087	Appalachian
Virginia	Virginia CRD 80	51080	Henry	51089	Appalachian
Virginia	Virginia CRD 40	51040	Highland	51091	Appalachian
Virginia	Virginia CRD 90	51090	Isle of Wight	51093	Appalachian
Virginia	Virginia CRD 60	51060	James City	51095	Appalachian
Virginia	Virginia CRD 60	51060	King and Queen	51097	Appalachian
Virginia	Virginia CRD 60	51060	King George	51099	Appalachian
Virginia	Virginia CRD 60	51060	King Eilliam	51101	Appalachian
Virginia	Virginia CRD 60	51060	Lancaster	51103	Appalachian
Virginia	Virginia CRD 70	51070	Lee	51105	Appalachian
Virginia	Virginia CRD 20	51020	Loudoun	51107	Appalachian
Virginia	Virginia CRD 50	51050	Louisa	51109	Appalachian
Virginia	Virginia CRD 80	51080	Lunenburg	51111	Appalachian
Virginia	Virginia CRD 20	51020	Madison	51113	Appalachian
Virginia	Virginia CRD 60	51060	Mathews	51115	Appalachian
Virginia	Virginia CRD 90	51090	Mecklenburg	51117	Appalachian
Virginia	Virginia CRD 60	51060	Middlesex	51119	Appalachian
Virginia	Virginia CRD 70	51070	Montgomery	51121	Appalachian
Virginia	Virginia CRD 50	51050	Nelson	51125	Appalachian
Virginia	Virginia CRD 60	51060	New Kent	51127	Appalachian
Virginia	Virginia CRD 60	51060	Northampton	51131	Appalachian
Virginia	Virginia CRD 60	51060	Northumberland	51133	Appalachian
Virginia	Virginia CRD 80	51080	Nottoway	51135	Appalachian
Virginia	Virginia CRD 50	51050	Orange	51137	Appalachian
Virginia	Virginia CRD 20	51020	Page	51139	Appalachian
Virginia	Virginia CRD 80	51080	Patrick	51141	Appalachian
Virginia	Virginia CRD 80	51080	Pittsylvania	51143	Appalachian
Virginia	Virginia CRD 50	51050	Powhatan	51145	Appalachian
Virginia	Virginia CRD 50	51050	Prince Edward	51147	Appalachian

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Virginia	Virginia CRD 90	51090	Prince George	51149	Appalachian
Virginia	Virginia CRD 20	51020	Prince William	51153	Appalachian
Virginia	Virginia CRD 70	51070	Pulaski	51155	Appalachian
Virginia	Virginia CRD 20	51020	Rappahannock	51157	Appalachian
Virginia	Virginia CRD 60	51060	Richmond	51159	Appalachian
Virginia	Virginia CRD 40	51040	Roanoke	51161	Appalachian
Virginia	Virginia CRD 40	51040	Rockbridge	51163	Appalachian
Virginia	Virginia CRD 20	51020	Rockingham	51165	Appalachian
Virginia	Virginia CRD 70	51070	Russell	51167	Appalachian
Virginia	Virginia CRD 70	51070	Scott	51169	Appalachian
Virginia	Virginia CRD 20	51020	Shenandoah	51171	Appalachian
Virginia	Virginia CRD 70	51070	Smyth	51173	Appalachian
Virginia	Virginia CRD 90	51090	Southampton	51175	Appalachian
Virginia	Virginia CRD 50	51050	Spotsylvania	51177	Appalachian
Virginia	Virginia CRD 20	51020	Stafford	51179	Appalachian
Virginia	Virginia CRD 90	51090	Surry	51181	Appalachian
Virginia	Virginia CRD 90	51090	Sussex	51183	Appalachian
Virginia	Virginia CRD 70	51070	Tazewell	51185	Appalachian
Virginia	Virginia CRD 20	51020	Warren	51187	Appalachian
Virginia	Virginia CRD 70	51070	Washington	51191	Appalachian
Virginia	Virginia CRD 60	51060	Westmoreland	51193	Appalachian
Virginia	Virginia CRD 70	51070	Wise	51195	Appalachian
Virginia	Virginia CRD 70	51070	Wythe	51197	Appalachian
Virginia	Virginia CRD 60	51060	York	51199	Appalachian
Virginia	Virginia CRD 20	51020	Alexandria	51510	Appalachian
Virginia	Virginia CRD 50	51050	Bedford	51515	Appalachian
Virginia	Virginia CRD 70	51070	Bristol	51520	Appalachian
Virginia	Virginia CRD 40	51040	Buena Vista	51530	Appalachian
Virginia	Virginia CRD 50	51050	Charlottesville	51540	Appalachian
Virginia	Virginia CRD 90	51090	Chesapeake	51550	Appalachian
Virginia	Virginia CRD 40	51040	Clifton Forge	51560	Appalachian
Virginia	Virginia CRD 50	51050	Colonial Heights	51570	Appalachian
Virginia	Virginia CRD 40	51040	Covington	51580	Appalachian
Virginia	Virginia CRD 80	51080	Danville	51590	Appalachian
Virginia	Virginia CRD 90	51090	Emporia	51595	Appalachian
Virginia	Virginia CRD 20	51020	Fairfax City	51600	Appalachian
Virginia	Virginia CRD 20	51020	Falls Church	51610	Appalachian
Virginia	Virginia CRD 90	51090	Franklin	51620	Appalachian
Virginia	Virginia CRD 50	51050	Fredericksburg	51630	Appalachian
Virginia	Virginia CRD 70	51070	Galax	51640	Appalachian
Virginia	Virginia CRD 60	51060	Hampton	51650	Appalachian
Virginia	Virginia CRD 20	51020	Harrisonburg	51660	Appalachian

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Virginia	Virginia CRD 90	51090	Hopewell	51670	Appalachian
Virginia	Virginia CRD 40	51040	Lexington	51678	Appalachian
Virginia	Virginia CRD 50	51050	Lynchburg	51680	Appalachian
Virginia	Virginia CRD 20	51020	Manassas	51683	Appalachian
Virginia	Virginia CRD 20	51020	Manassas Park	51685	Appalachian
Virginia	Virginia CRD 80	51080	Martinsville	51690	Appalachian
Virginia	Virginia CRD 60	51060	Newport News	51700	Appalachian
Virginia	Virginia CRD 90	51090	Norfolk	51710	Appalachian
Virginia	Virginia CRD 70	51070	Norton	51720	Appalachian
Virginia	Virginia CRD 90	51090	Petersburg	51730	Appalachian
Virginia	Virginia CRD 60	51060	Poquoson	51735	Appalachian
Virginia	Virginia CRD 90	51090	Portsmouth	51740	Appalachian
Virginia	Virginia CRD 70	51070	Radford	51750	Appalachian
Virginia	Virginia CRD 50	51050	Richmond	51760	Appalachian
Virginia	Virginia CRD 40	51040	Roanoke	51770	Appalachian
Virginia	Virginia CRD 40	51040	Salem	51775	Appalachian
Virginia	Virginia CRD 40	51040	Staunton	51790	Appalachian
Virginia	Virginia CRD 90	51090	Suffolk	51800	Appalachian
Virginia	Virginia CRD 90	51090	Virginia Beach	51810	Appalachian
Virginia	Virginia CRD 40	51040	Waynesboro	51820	Appalachian
Virginia	Virginia CRD 60	51060	Williamsburg	51830	Appalachian
Virginia	Virginia CRD 20	51020	Winchester	51840	Appalachian
Washington	Washington CRD 50	53050	Adams	53001	Pacific
Washington	Washington CRD 90	53090	Asotin	53003	Pacific
Washington	Washington CRD 20	53020	Benton	53005	Pacific
Washington	Washington CRD 20	53020	Chelan	53007	Pacific
Washington	Washington CRD 10	53010	Clallam	53009	Pacific
Washington	Washington CRD 10	53010	Clark	53011	Pacific
Washington	Washington CRD 90	53090	Columbia	53013	Pacific
Washington	Washington CRD 10	53010	Cowlitz	53015	Pacific
Washington	Washington CRD 50	53050	Douglas	53017	Pacific
Washington	Washington CRD 30	53030	Ferry	53019	Pacific
Washington	Washington CRD 50	53050	Franklin	53021	Pacific
Washington	Washington CRD 90	53090	Garfield	53023	Pacific
Washington	Washington CRD 50	53050	Grant	53025	Pacific
Washington	Washington CRD 10	53010	Grays Harbor	53027	Pacific
Washington	Washington CRD 10	53010	Island	53029	Pacific
Washington	Washington CRD 10	53010	Jefferson	53031	Pacific
Washington	Washington CRD 10	53010	King	53033	Pacific
Washington	Washington CRD 10	53010	Kitsap	53035	Pacific
Washington	Washington CRD 20	53020	Kittitas	53037	Pacific
Washington	Washington CRD 20	53020	Klickitat	53039	Pacific

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Washington	Washington CRD 10	53010	Lewis	53041	Pacific
Washington	Washington CRD 50	53050	Lincoln	53043	Pacific
Washington	Washington CRD 10	53010	Mason	53045	Pacific
Washington	Washington CRD 20	53020	Okanogan	53047	Pacific
Washington	Washington CRD 10	53010	Pacific	53049	Pacific
Washington	Washington CRD 30	53030	Pend Oreille	53051	Pacific
Washington	Washington CRD 10	53010	Pierce	53053	Pacific
Washington	Washington CRD 10	53010	San Juan	53055	Pacific
Washington	Washington CRD 10	53010	Skagit	53057	Pacific
Washington	Washington CRD 10	53010	Skamania	53059	Pacific
Washington	Washington CRD 10	53010	Snohomish	53061	Pacific
Washington	Washington CRD 30	53030	Spokane	53063	Pacific
Washington	Washington CRD 30	53030	Stevens	53065	Pacific
Washington	Washington CRD 10	53010	Thurston	53067	Pacific
Washington	Washington CRD 10	53010	Wahkiakum	53069	Pacific
Washington	Washington CRD 90	53090	Walla Walla	53071	Pacific
Washington	Washington CRD 10	53010	Whatcom	53073	Pacific
Washington	Washington CRD 90	53090	Whitman	53075	Pacific
Washington	Washington CRD 20	53020	Yakima	53077	Pacific
West Virginia	West Virginia CRD 20	54020	Barbour	54001	Appalachian
West Virginia	West Virginia CRD 60	54060	Berkeley	54003	Appalachian
West Virginia	West Virginia CRD 40	54040	Boone	54005	Appalachian
West Virginia	West Virginia CRD 40	54040	Braxton	54007	Appalachian
West Virginia	West Virginia CRD 20	54020	Brooke	54009	Appalachian
West Virginia	West Virginia CRD 40	54040	Cabell	54011	Appalachian
West Virginia	West Virginia CRD 40	54040	Calhoun	54013	Appalachian
West Virginia	West Virginia CRD 40	54040	Clay	54015	Appalachian
West Virginia	West Virginia CRD 20	54020	Doddridge	54017	Appalachian
West Virginia	West Virginia CRD 40	54040	Fayette	54019	Appalachian
West Virginia	West Virginia CRD 40	54040	Gilmer	54021	Appalachian
West Virginia	West Virginia CRD 60	54060	Grant	54023	Appalachian
West Virginia	West Virginia CRD 60	54060	Greenbrier	54025	Appalachian
West Virginia	West Virginia CRD 60	54060	Hampshire	54027	Appalachian
West Virginia	West Virginia CRD 20	54020	Hancock	54029	Appalachian
West Virginia	West Virginia CRD 60	54060	Hardy	54031	Appalachian
West Virginia	West Virginia CRD 20	54020	Harrison	54033	Appalachian
West Virginia	West Virginia CRD 40	54040	Jackson	54035	Appalachian
West Virginia	West Virginia CRD 60	54060	Jefferson	54037	Appalachian
West Virginia	West Virginia CRD 40	54040	Kanawha	54039	Appalachian
West Virginia	West Virginia CRD 20	54020	Lewis	54041	Appalachian
West Virginia	West Virginia CRD 40	54040	Lincoln	54043	Appalachian
West Virginia	West Virginia CRD 40	54040	Logan	54045	Appalachian

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
West Virginia	West Virginia CRD 40	54040	McDowell	54047	Appalachian
West Virginia	West Virginia CRD 20	54020	Marion	54049	Appalachian
West Virginia	West Virginia CRD 20	54020	Marshall	54051	Appalachian
West Virginia	West Virginia CRD 40	54040	Mason	54053	Appalachian
West Virginia	West Virginia CRD 40	54040	Mercer	54055	Appalachian
West Virginia	West Virginia CRD 60	54060	Mineral	54057	Appalachian
West Virginia	West Virginia CRD 40	54040	Mingo	54059	Appalachian
West Virginia	West Virginia CRD 20	54020	Monongalia	54061	Appalachian
West Virginia	West Virginia CRD 60	54060	Monroe	54063	Appalachian
West Virginia	West Virginia CRD 60	54060	Morgan	54065	Appalachian
West Virginia	West Virginia CRD 40	54040	Nicholas	54067	Appalachian
West Virginia	West Virginia CRD 20	54020	Ohio	54069	Appalachian
West Virginia	West Virginia CRD 60	54060	Pendleton	54071	Appalachian
West Virginia	West Virginia CRD 20	54020	Pleasants	54073	Appalachian
West Virginia	West Virginia CRD 60	54060	Pocahontas	54075	Appalachian
West Virginia	West Virginia CRD 20	54020	Preston	54077	Appalachian
West Virginia	West Virginia CRD 40	54040	Putnam	54079	Appalachian
West Virginia	West Virginia CRD 40	54040	Raleigh	54081	Appalachian
West Virginia	West Virginia CRD 60	54060	Randolph	54083	Appalachian
West Virginia	West Virginia CRD 20	54020	Ritchie	54085	Appalachian
West Virginia	West Virginia CRD 40	54040	Roane	54087	Appalachian
West Virginia	West Virginia CRD 60	54060	Summers	54089	Appalachian
West Virginia	West Virginia CRD 20	54020	Taylor	54091	Appalachian
West Virginia	West Virginia CRD 60	54060	Tucker	54093	Appalachian
West Virginia	West Virginia CRD 20	54020	Tyler	54095	Appalachian
West Virginia	West Virginia CRD 20	54020	Upshur	54097	Appalachian
West Virginia	West Virginia CRD 40	54040	Wayne	54099	Appalachian
West Virginia	West Virginia CRD 40	54040	Webster	54101	Appalachian
West Virginia	West Virginia CRD 20	54020	Wetzel	54103	Appalachian
West Virginia	West Virginia CRD 40	54040	Wirt	54105	Appalachian
West Virginia	West Virginia CRD 20	54020	Wood	54107	Appalachian
West Virginia	West Virginia CRD 40	54040	Wyoming	54109	Appalachian
Wisconsin	Wisconsin CRD 50	55050	Adams	55001	Lake-states
Wisconsin	Wisconsin CRD 20	55020	Ashland	55003	Lake-states
Wisconsin	Wisconsin CRD 10	55010	Barron	55005	Lake-states
Wisconsin	Wisconsin CRD 10	55010	Bayfield	55007	Lake-states
Wisconsin	Wisconsin CRD 60	55060	Brown	55009	Lake-states
Wisconsin	Wisconsin CRD 40	55040	Buffalo	55011	Lake-states
Wisconsin	Wisconsin CRD 10	55010	Burnett	55013	Lake-states
Wisconsin	Wisconsin CRD 60	55060	Calumet	55015	Lake-states
Wisconsin	Wisconsin CRD 10	55010	Chippewa	55017	Lake-states
Wisconsin	Wisconsin CRD 20	55020	Clark	55019	Lake-states

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Wisconsin	Wisconsin CRD 80	55080	Columbia	55021	Lake-states
Wisconsin	Wisconsin CRD 70	55070	Crawford	55023	Lake-states
Wisconsin	Wisconsin CRD 80	55080	Dane	55025	Lake-states
Wisconsin	Wisconsin CRD 80	55080	Dodge	55027	Lake-states
Wisconsin	Wisconsin CRD 60	55060	Door	55029	Lake-states
Wisconsin	Wisconsin CRD 10	55010	Douglas	55031	Lake-states
Wisconsin	Wisconsin CRD 40	55040	Dunn	55033	Lake-states
Wisconsin	Wisconsin CRD 40	55040	Eau Claire	55035	Lake-states
Wisconsin	Wisconsin CRD 30	55030	Florence	55037	Lake-states
Wisconsin	Wisconsin CRD 60	55060	Fond du Lac	55039	Lake-states
Wisconsin	Wisconsin CRD 30	55030	Forest	55041	Lake-states
Wisconsin	Wisconsin CRD 70	55070	Grant	55043	Lake-states
Wisconsin	Wisconsin CRD 80	55080	Green	55045	Lake-states
Wisconsin	Wisconsin CRD 50	55050	Green Lake	55047	Lake-states
Wisconsin	Wisconsin CRD 70	55070	Iowa	55049	Lake-states
Wisconsin	Wisconsin CRD 20	55020	Iron	55051	Lake-states
Wisconsin	Wisconsin CRD 40	55040	Jackson	55053	Lake-states
Wisconsin	Wisconsin CRD 80	55080	Jefferson	55055	Lake-states
Wisconsin	Wisconsin CRD 50	55050	Juneau	55057	Lake-states
Wisconsin	Wisconsin CRD 90	55090	Kenosha	55059	Lake-states
Wisconsin	Wisconsin CRD 60	55060	Kewaunee	55061	Lake-states
Wisconsin	Wisconsin CRD 40	55040	La Crosse	55063	Lake-states
Wisconsin	Wisconsin CRD 70	55070	Lafayette	55065	Lake-states
Wisconsin	Wisconsin CRD 30	55030	Langlade	55067	Lake-states
Wisconsin	Wisconsin CRD 20	55020	Lincoln	55069	Lake-states
Wisconsin	Wisconsin CRD 60	55060	Manitowoc	55071	Lake-states
Wisconsin	Wisconsin CRD 20	55020	Marathon	55073	Lake-states
Wisconsin	Wisconsin CRD 30	55030	Marinette	55075	Lake-states
Wisconsin	Wisconsin CRD 50	55050	Marquette	55077	Lake-states
Wisconsin	Wisconsin CRD 30	55030	Menominee	55078	Lake-states
Wisconsin	Wisconsin CRD 90	55090	Milwaukee	55079	Lake-states
Wisconsin	Wisconsin CRD 40	55040	Monroe	55081	Lake-states
Wisconsin	Wisconsin CRD 30	55030	Oconto	55083	Lake-states
Wisconsin	Wisconsin CRD 20	55020	Oneida	55085	Lake-states
Wisconsin	Wisconsin CRD 60	55060	Outagamie	55087	Lake-states
Wisconsin	Wisconsin CRD 90	55090	Ozaukee	55089	Lake-states
Wisconsin	Wisconsin CRD 40	55040	Pepin	55091	Lake-states
Wisconsin	Wisconsin CRD 40	55040	Pierce	55093	Lake-states
Wisconsin	Wisconsin CRD 10	55010	Polk	55095	Lake-states
Wisconsin	Wisconsin CRD 50	55050	Portage	55097	Lake-states
Wisconsin	Wisconsin CRD 20	55020	Price	55099	Lake-states
Wisconsin	Wisconsin CRD 90	55090	Racine	55101	Lake-states

Table 1. Crop Reporting Districts (CRD) of the conterminous United States and associated counties.—Continued

[FIPS, Federal Information Processing Standard; USDA, U.S. Department of Agriculture]

State	Crop Reporting District (CRD)	CRD Identifier	County Name	County FIPS	USDA Farm Production Region
Wisconsin	Wisconsin CRD 70	55070	Richland	55103	Lake-states
Wisconsin	Wisconsin CRD 80	55080	Rock	55105	Lake-states
Wisconsin	Wisconsin CRD 10	55010	Rusk	55107	Lake-states
Wisconsin	Wisconsin CRD 40	55040	St. Croix	55109	Lake-states
Wisconsin	Wisconsin CRD 70	55070	Sauk	55111	Lake-states
Wisconsin	Wisconsin CRD 10	55010	Sawyer	55113	Lake-states
Wisconsin	Wisconsin CRD 30	55030	Shawano	55115	Lake-states
Wisconsin	Wisconsin CRD 60	55060	Sheboygan	55117	Lake-states
Wisconsin	Wisconsin CRD 20	55020	Taylor	55119	Lake-states
Wisconsin	Wisconsin CRD 40	55040	Trempealeau	55121	Lake-states
Wisconsin	Wisconsin CRD 70	55070	Vernon	55123	Lake-states
Wisconsin	Wisconsin CRD 20	55020	Vilas	55125	Lake-states
Wisconsin	Wisconsin CRD 90	55090	Walworth	55127	Lake-states
Wisconsin	Wisconsin CRD 10	55010	Washburn	55129	Lake-states
Wisconsin	Wisconsin CRD 90	55090	Washington	55131	Lake-states
Wisconsin	Wisconsin CRD 90	55090	Waukesha	55133	Lake-states
Wisconsin	Wisconsin CRD 50	55050	Waupaca	55135	Lake-states
Wisconsin	Wisconsin CRD 50	55050	Waushara	55137	Lake-states
Wisconsin	Wisconsin CRD 60	55060	Winnebago	55139	Lake-states
Wisconsin	Wisconsin CRD 50	55050	Wood	55141	Lake-states
Wyoming	Wyoming CRD 40	56040	Albany	56001	Mountain
Wyoming	Wyoming CRD 10	56010	Big Horn	56003	Mountain
Wyoming	Wyoming CRD 20	56020	Campbell	56005	Mountain
Wyoming	Wyoming CRD 40	56040	Carbon	56007	Mountain
Wyoming	Wyoming CRD 50	56050	Converse	56009	Mountain
Wyoming	Wyoming CRD 20	56020	Crook	56011	Mountain
Wyoming	Wyoming CRD 10	56010	Fremont	56013	Mountain
Wyoming	Wyoming CRD 50	56050	Goshen	56015	Mountain
Wyoming	Wyoming CRD 10	56010	Hot Springs	56017	Mountain
Wyoming	Wyoming CRD 20	56020	Johnson	56019	Mountain
Wyoming	Wyoming CRD 50	56050	Laramie	56021	Mountain
Wyoming	Wyoming CRD 30	56030	Lincoln	56023	Mountain
Wyoming	Wyoming CRD 40	56040	Natrona	56025	Mountain
Wyoming	Wyoming CRD 50	56050	Niobrara	56027	Mountain
Wyoming	Wyoming CRD 10	56010	Park	56029	Mountain
Wyoming	Wyoming CRD 50	56050	Platte	56031	Mountain
Wyoming	Wyoming CRD 20	56020	Sheridan	56033	Mountain
Wyoming	Wyoming CRD 30	56030	Sublette	56035	Mountain
Wyoming	Wyoming CRD 40	56040	Sweetwater	56037	Mountain
Wyoming	Wyoming CRD 30	56030	Teton	56039	Mountain
Wyoming	Wyoming CRD 30	56030	Uinta	56041	Mountain
Wyoming	Wyoming CRD 10	56010	Washakie	56043	Mountain
Wyoming	Wyoming CRD 20	56020	Weston	56045	Mountain

Table 2. Relation of Doane Marketing Research-Kynetec (DMRK) crop categories (not including California) to Census of Agriculture and National Agriculture Statistics Service crop categories used in the atrazine-use estimation process.

[USDA, U.S. Department of Agriculture]

Crop atrazine estimates reported in DMRK-AgroTrak database	Census of Agriculture crop categories	USDA National Agriculture Statistics Service crop categories
Alfalfa	Alfalfa seed, alfalfa hay	Alfalfa hay
Apples	Apples, total	Apples
Barley	Barley for grain	Barley, all
Beans/peas, vegetables	Snap beans, green peas (excluding southern)	Snap beans for processing
CRP long term acres	Land enrolled in conservation reserve or wetlands reserve programs	
Corn	Corn for silage or greenchop, corn for grain or seed, corn cut for dry fodder, hogged or grazed	Corn for grain, corn for silage, corn for forage
Cotton	Cotton, all	Cotton, American, pima, cotton upland
Cropland for pasture	Cropland used only for pasture or grazing	
Fallow, summer	Other cropland, cropland in cultivated summer fallow	
Grapefruit	Grapefruit, total	
Hay, other	Other haylage, grass silage, and greenchop	Hay, other
Lots/farmstead, other	Land in farmsteads, buildings, livestock facilities, ponds, roads, wasteland, etc.	
Oats/rye	Oats for grain, rye for grain	Oats
Oranges	Oranges	
Pasture/rangeland, or pasture/ rangeland, other	Pasture land and rangeland, other than cropland and woodland pastured	
Pasture land	Pasture land, all types	
Sorghum	Sorghum- including grain, syrup, silage, and hogged	Sorghum for grain and sorghum for silage
Soybeans	Soybeans for beans	Soybeans
Sugarcane	Sugarcane for sugar, sugarcane for seed	Sugarcane for sugar
Sweet corn	Sweet corn, sweet corn for seed	Sweet corn for processing
Wheat, spring	Spring wheat for grain, other spring wheat for grain, durum wheat for grain	Wheat, durum, other spring wheat
Wheat, winter	Winter wheat for grain	Wheat, winter, all

Table 3. Mapping of California Department of Pesticide Regulation (DPR) crops to EPest crops and associated 1992 and 2001 National Land Cover Dataset (NLCD) crop categories reported in the county atrazine-use database.

[—, not reported]

California Department of DPR Crop	EPest Crop	1992 land-cover category from an enhanced version of the NLCD	2001 NLCD land-cover category
—	Alfalfa	Pasture/hay	Pasture/hay
Almonds	—	Orchards/vineyards	Cultivated crops
Apples	Apples	Orchards/vineyards	Cultivated crops
Avocados	—	Orchards/vineyards	Cultivated crops
—	Barley	Row crops/small grains/fallow	Cultivated crops
—	Beans, peas, vegetable	Row crops/small grains/fallow	Cultivated crops
—	CRP long-term acres	Pasture/hay	Pasture/hay
Celery	—	Row crops/small grains/fallow	Cultivated crops
—	Citrus, other	Orchards/vineyards	Cultivated crops
—	Corn	Row crops/small grains/fallow	Cultivated crops
Corn for human consumption	—	Row crops/small grains/fallow	Cultivated crops
Corn for fodder	—	Row crops/small grains/fallow	Cultivated crops
Cotton	Cotton	Row crops/small grains/fallow	Cultivated crops
—	Cropland for pasture	Pasture/hay	Pasture/hay
—	Summer fallow	Row crops/small grains/fallow	Cultivated crops
—	Grapefruit	Orchards/vineyards	Cultivated crops
Grapes	—	Orchards/vineyards	Cultivated crops
Grapes, wine	—	Orchards/vineyards	Cultivated crops
—	Other hay	Pasture/hay	Pasture/hay
Sudan grass	—	Pasture/hay	Pasture/hay
Bermuda grass	—	Pasture/hay	Pasture/hay
Turf sod	—	Pasture/hay	Pasture/hay
Clover	—	Pasture/hay	Pasture/hay
—	Lemons	Orchards/vineyards	Cultivated crops
Lettuce	—	Row crops/small grains/fallow	Cultivated crops
—	Lots, farmsteads, other	Pasture/hay	Pasture/hay
Nurseries, outdoor, transplants	—	Orchards/vineyards	Cultivated crops
Nurseries, outdoor plants in containers	—	Orchards/vineyards	Cultivated crops
Nurseries, outdoor flowers	—	Orchards/vineyards	Cultivated crops
Dates	—	Orchards/vineyards	Cultivated crops
—	Oats, rye	Row crops/small grains/fallow	Cultivated crops
Oranges	Oranges	Orchards/vineyards	Cultivated crops
—	Pasture, range	Pasture/hay	Pasture/hay
—	Pasture, rangeland, other	Pasture/hay	Pasture/hay
Uncultivated agriculture	—	Pasture/hay	Pasture/hay
Rangeland	—	Pasture/hay	Pasture/hay
Pastureland	Pastureland	Pasture/hay	Pasture/hay
—	Sorghum	Row crops/small grains/fallow	Cultivated crops
Sorghum, milo	—	Row crops/small grains/fallow	Cultivated crops
Sorghum, forage, fodder	—	Row crops/small grains/fallow	Cultivated crops

Table 3. Mapping of California Department of Pesticide Regulation (DPR) crops to EPest crops and associated 1992 and 2001 National Land Cover Dataset (NLCD) crop categories reported in the county atrazine-use database.—Continued

[—, not reported]

California Department of DPR Crop	EPest Crop	1992 land-cover category from an enhanced version of the NLCD	2001 NLCD land-cover category
—	Soybeans	Row crops/small grains/fallow	Cultivated crops
Olive	—	Orchards/vineyards	Cultivated crops
Strawberries	—	Orchards/vineyards	Cultivated crops
Sugarcane	Sugarcane	Row crops/small grains/fallow	Cultivated crops
—	Sweet corn	Row crops/small grains/fallow	Cultivated crops
Tomato	—	Row crops/small grains/fallow	Cultivated crops
Walnut	—	Orchards/vineyards	Cultivated crops
—	Wheat, spring	Row crops/small grains/fallow	Cultivated crops
—	Wheat, winter	Row crops/small grains/fallow	Cultivated crops
Wheat	—	Row crops/small grains/fallow	Cultivated crops

Appendix: Table A1. Annual atrazine-use intensity estimates for watersheds used to develop the Watershed Regressions for Pesticides model, 1992 through 1999.[kg/km², kilogram per square kilometer; —, no estimate]

Station ID	Station name	Year	Watershed atrazine-use intensity (kg/km ²)
01102500	Aberjona River at Winchester, Massachusetts	1992	—
01102500	Aberjona River at Winchester, Massachusetts	1993	—
01102500	Aberjona River at Winchester, Massachusetts	1994	—
01102500	Aberjona River at Winchester, Massachusetts	1995	0.000
01102500	Aberjona River at Winchester, Massachusetts	1996	0.000
01102500	Aberjona River at Winchester, Massachusetts	1997	—
01102500	Aberjona River at Winchester, Massachusetts	1998	—
01102500	Aberjona River at Winchester, Massachusetts	1999	—
01104615	Charles River above Watertown Dam at Watertown, Massachusetts	1992	0.636
01104615	Charles River above Watertown Dam at Watertown, Massachusetts	1993	0.939
01104615	Charles River above Watertown Dam at Watertown, Massachusetts	1994	0.447
01104615	Charles River above Watertown Dam at Watertown, Massachusetts	1995	0.418
01104615	Charles River above Watertown Dam at Watertown, Massachusetts	1996	0.222
01104615	Charles River above Watertown Dam at Watertown, Massachusetts	1997	0.194
01104615	Charles River above Watertown Dam at Watertown, Massachusetts	1998	0.313
01104615	Charles River above Watertown Dam at Watertown, Massachusetts	1999	0.238
01209710	Norwalk River at Winnipauk, Connecticut	1992	0.096
01209710	Norwalk River at Winnipauk, Connecticut	1993	0.094
01209710	Norwalk River at Winnipauk, Connecticut	1994	0.076
01209710	Norwalk River at Winnipauk, Connecticut	1995	0.127
01209710	Norwalk River at Winnipauk, Connecticut	1996	0.063
01209710	Norwalk River at Winnipauk, Connecticut	1997	0.049
01209710	Norwalk River at Winnipauk, Connecticut	1998	0.116
01209710	Norwalk River at Winnipauk, Connecticut	1999	0.079
01349150	Canajoharie Creek near Canajoharie, New York	1992	6.757
01349150	Canajoharie Creek near Canajoharie, New York	1993	6.460
01349150	Canajoharie Creek near Canajoharie, New York	1994	6.857
01349150	Canajoharie Creek near Canajoharie, New York	1995	8.912
01349150	Canajoharie Creek near Canajoharie, New York	1996	7.040
01349150	Canajoharie Creek near Canajoharie, New York	1997	8.809
01349150	Canajoharie Creek near Canajoharie, New York	1998	5.443
01349150	Canajoharie Creek near Canajoharie, New York	1999	6.108
01357500	Mohawk River at Cohoes, New York	1992	4.059
01357500	Mohawk River at Cohoes, New York	1993	3.916
01357500	Mohawk River at Cohoes, New York	1994	4.491
01357500	Mohawk River at Cohoes, New York	1995	5.187
01357500	Mohawk River at Cohoes, New York	1996	4.827
01357500	Mohawk River at Cohoes, New York	1997	5.049
01357500	Mohawk River at Cohoes, New York	1998	3.291
01357500	Mohawk River at Cohoes, New York	1999	3.528

Appendix: Table A1. Annual atrazine-use intensity estimates for watersheds used to develop the Watershed Regressions for Pesticides model, 1992 through 1999.—Continued[kg/km², kilogram per square kilometer; —, no estimate]

Station ID	Station name	Year	Watershed atrazine-use intensity (kg/km ²)
01403900	Bound Brook at Middlesex, New Jersey	1992	0.152
01403900	Bound Brook at Middlesex, New Jersey	1993	0.102
01403900	Bound Brook at Middlesex, New Jersey	1994	0.344
01403900	Bound Brook at Middlesex, New Jersey	1995	0.115
01403900	Bound Brook at Middlesex, New Jersey	1996	0.127
01403900	Bound Brook at Middlesex, New Jersey	1997	0.278
01403900	Bound Brook at Middlesex, New Jersey	1998	0.100
01403900	Bound Brook at Middlesex, New Jersey	1999	0.084
01410784	Great Egg Harbor River near Sicklerville, New Jersey	1992	0.364
01410784	Great Egg Harbor River near Sicklerville, New Jersey	1993	0.198
01410784	Great Egg Harbor River near Sicklerville, New Jersey	1994	0.287
01410784	Great Egg Harbor River near Sicklerville, New Jersey	1995	0.557
01410784	Great Egg Harbor River near Sicklerville, New Jersey	1996	0.442
01410784	Great Egg Harbor River near Sicklerville, New Jersey	1997	0.582
01410784	Great Egg Harbor River near Sicklerville, New Jersey	1998	0.598
01410784	Great Egg Harbor River near Sicklerville, New Jersey	1999	0.500
01464907	Little Neshaminy Creek at Valley Road near Neshaminy, Pennsylvania	1992	7.677
01464907	Little Neshaminy Creek at Valley Road near Neshaminy, Pennsylvania	1993	6.070
01464907	Little Neshaminy Creek at Valley Road near Neshaminy, Pennsylvania	1994	9.207
01464907	Little Neshaminy Creek at Valley Road near Neshaminy, Pennsylvania	1995	12.650
01464907	Little Neshaminy Creek at Valley Road near Neshaminy, Pennsylvania	1996	11.969
01464907	Little Neshaminy Creek at Valley Road near Neshaminy, Pennsylvania	1997	11.535
01464907	Little Neshaminy Creek at Valley Road near Neshaminy, Pennsylvania	1998	7.220
01464907	Little Neshaminy Creek at Valley Road near Neshaminy, Pennsylvania	1999	6.307
01470779	Tulpehocken Creek near Bernville, Pennsylvania	1992	37.655
01470779	Tulpehocken Creek near Bernville, Pennsylvania	1993	33.590
01470779	Tulpehocken Creek near Bernville, Pennsylvania	1994	45.345
01470779	Tulpehocken Creek near Bernville, Pennsylvania	1995	61.427
01470779	Tulpehocken Creek near Bernville, Pennsylvania	1996	59.871
01470779	Tulpehocken Creek near Bernville, Pennsylvania	1997	54.604
01470779	Tulpehocken Creek near Bernville, Pennsylvania	1998	38.486
01470779	Tulpehocken Creek near Bernville, Pennsylvania	1999	33.311
01474500	Schuylkill River at Philadelphia, Pennsylvania	1992	10.674
01474500	Schuylkill River at Philadelphia, Pennsylvania	1993	9.114
01474500	Schuylkill River at Philadelphia, Pennsylvania	1994	11.777
01474500	Schuylkill River at Philadelphia, Pennsylvania	1995	14.873
01474500	Schuylkill River at Philadelphia, Pennsylvania	1996	14.404
01474500	Schuylkill River at Philadelphia, Pennsylvania	1997	13.451
01474500	Schuylkill River at Philadelphia, Pennsylvania	1998	8.955
01474500	Schuylkill River at Philadelphia, Pennsylvania	1999	8.386

Appendix: Table A1. Annual atrazine-use intensity estimates for watersheds used to develop the Watershed Regressions for Pesticides model, 1992 through 1999.—Continued[kg/km², kilogram per square kilometer; —, no estimate]

Station ID	Station name	Year	Watershed atrazine-use intensity (kg/km ²)
01493112	Chesterville Branch near Crumpton, Maryland	1992	33.699
01493112	Chesterville Branch near Crumpton, Maryland	1993	36.891
01493112	Chesterville Branch near Crumpton, Maryland	1994	12.534
01493112	Chesterville Branch near Crumpton, Maryland	1995	24.545
01493112	Chesterville Branch near Crumpton, Maryland	1996	42.226
01493112	Chesterville Branch near Crumpton, Maryland	1997	20.658
01493112	Chesterville Branch near Crumpton, Maryland	1998	21.874
01493112	Chesterville Branch near Crumpton, Maryland	1999	28.133
01555400	East Mahantango Creek at Klingerstown, Pennsylvania	1992	41.732
01555400	East Mahantango Creek at Klingerstown, Pennsylvania	1993	35.039
01555400	East Mahantango Creek at Klingerstown, Pennsylvania	1994	30.110
01555400	East Mahantango Creek at Klingerstown, Pennsylvania	1995	20.672
01555400	East Mahantango Creek at Klingerstown, Pennsylvania	1996	22.666
01555400	East Mahantango Creek at Klingerstown, Pennsylvania	1997	22.918
01555400	East Mahantango Creek at Klingerstown, Pennsylvania	1998	21.974
01555400	East Mahantango Creek at Klingerstown, Pennsylvania	1999	27.631
01571490	Cedar Run at Eberlys Mill, Pennsylvania	1992	8.304
01571490	Cedar Run at Eberlys Mill, Pennsylvania	1993	10.793
01571490	Cedar Run at Eberlys Mill, Pennsylvania	1994	10.416
01571490	Cedar Run at Eberlys Mill, Pennsylvania	1995	10.175
01571490	Cedar Run at Eberlys Mill, Pennsylvania	1996	7.786
01571490	Cedar Run at Eberlys Mill, Pennsylvania	1997	6.120
01571490	Cedar Run at Eberlys Mill, Pennsylvania	1998	13.188
01571490	Cedar Run at Eberlys Mill, Pennsylvania	1999	9.393
01576540	Mill Creek at Eshelman Mill Road near Lyndon, Pennsylvania	1992	36.809
01576540	Mill Creek at Eshelman Mill Road near Lyndon, Pennsylvania	1993	31.840
01576540	Mill Creek at Eshelman Mill Road near Lyndon, Pennsylvania	1994	42.464
01576540	Mill Creek at Eshelman Mill Road near Lyndon, Pennsylvania	1995	56.948
01576540	Mill Creek at Eshelman Mill Road near Lyndon, Pennsylvania	1996	53.117
01576540	Mill Creek at Eshelman Mill Road near Lyndon, Pennsylvania	1997	50.405
01576540	Mill Creek at Eshelman Mill Road near Lyndon, Pennsylvania	1998	33.675
01576540	Mill Creek at Eshelman Mill Road near Lyndon, Pennsylvania	1999	30.570
01621050	Muddy Creek at Mount Clinton, Virginia	1992	26.243
01621050	Muddy Creek at Mount Clinton, Virginia	1993	20.350
01621050	Muddy Creek at Mount Clinton, Virginia	1994	4.576
01621050	Muddy Creek at Mount Clinton, Virginia	1995	8.046
01621050	Muddy Creek at Mount Clinton, Virginia	1996	6.603
01621050	Muddy Creek at Mount Clinton, Virginia	1997	10.755
01621050	Muddy Creek at Mount Clinton, Virginia	1998	7.966
01621050	Muddy Creek at Mount Clinton, Virginia	1999	7.914

Appendix: Table A1. Annual atrazine-use intensity estimates for watersheds used to develop the Watershed Regressions for Pesticides model, 1992 through 1999.—Continued[kg/km², kilogram per square kilometer; —, no estimate]

Station ID	Station name	Year	Watershed atrazine-use intensity (kg/km ²)
01639000	Monocacy River at Bridgeport, Maryland	1992	6.518
01639000	Monocacy River at Bridgeport, Maryland	1993	7.815
01639000	Monocacy River at Bridgeport, Maryland	1994	8.240
01639000	Monocacy River at Bridgeport, Maryland	1995	7.141
01639000	Monocacy River at Bridgeport, Maryland	1996	6.110
01639000	Monocacy River at Bridgeport, Maryland	1997	4.986
01639000	Monocacy River at Bridgeport, Maryland	1998	9.839
01639000	Monocacy River at Bridgeport, Maryland	1999	7.486
01646580	Potomac River at Chain Bridge at Washington, District of Columbia	1992	6.685
01646580	Potomac River at Chain Bridge at Washington, District of Columbia	1993	5.888
01646580	Potomac River at Chain Bridge at Washington, District of Columbia	1994	7.030
01646580	Potomac River at Chain Bridge at Washington, District of Columbia	1995	4.257
01646580	Potomac River at Chain Bridge at Washington, District of Columbia	1996	4.194
01646580	Potomac River at Chain Bridge at Washington, District of Columbia	1997	5.108
01646580	Potomac River at Chain Bridge at Washington, District of Columbia	1998	5.023
01646580	Potomac River at Chain Bridge at Washington, District of Columbia	1999	3.553
01654000	Accotink Creek near Annandale, Virginia	1992	—
01654000	Accotink Creek near Annandale, Virginia	1993	—
01654000	Accotink Creek near Annandale, Virginia	1994	—
01654000	Accotink Creek near Annandale, Virginia	1995	—
01654000	Accotink Creek near Annandale, Virginia	1996	—
01654000	Accotink Creek near Annandale, Virginia	1997	—
01654000	Accotink Creek near Annandale, Virginia	1998	—
01654000	Accotink Creek near Annandale, Virginia	1999	—
02083500	Tar River at Tarboro, North Carolina	1992	2.387
02083500	Tar River at Tarboro, North Carolina	1993	3.167
02083500	Tar River at Tarboro, North Carolina	1994	2.051
02083500	Tar River at Tarboro, North Carolina	1995	2.297
02083500	Tar River at Tarboro, North Carolina	1996	2.300
02083500	Tar River at Tarboro, North Carolina	1997	1.296
02083500	Tar River at Tarboro, North Carolina	1998	2.270
02083500	Tar River at Tarboro, North Carolina	1999	1.314
02083833	Pete Mitchell Swamp at Highway 1409 near Penny Hill, North Carolina	1992	11.123
02083833	Pete Mitchell Swamp at Highway 1409 near Penny Hill, North Carolina	1993	12.852
02083833	Pete Mitchell Swamp at Highway 1409 near Penny Hill, North Carolina	1994	10.069
02083833	Pete Mitchell Swamp at Highway 1409 near Penny Hill, North Carolina	1995	8.330
02083833	Pete Mitchell Swamp at Highway 1409 near Penny Hill, North Carolina	1996	5.685
02083833	Pete Mitchell Swamp at Highway 1409 near Penny Hill, North Carolina	1997	5.982
02083833	Pete Mitchell Swamp at Highway 1409 near Penny Hill, North Carolina	1998	12.989
02083833	Pete Mitchell Swamp at Highway 1409 near Penny Hill, North Carolina	1999	6.856

Appendix: Table A1. Annual atrazine-use intensity estimates for watersheds used to develop the Watershed Regressions for Pesticides model, 1992 through 1999.—Continued[kg/km², kilogram per square kilometer; —, no estimate]

Station ID	Station name	Year	Watershed atrazine-use intensity (kg/km ²)
02084558	Albemarle Canal near Swindell, North Carolina	1992	16.453
02084558	Albemarle Canal near Swindell, North Carolina	1993	16.193
02084558	Albemarle Canal near Swindell, North Carolina	1994	17.981
02084558	Albemarle Canal near Swindell, North Carolina	1995	18.082
02084558	Albemarle Canal near Swindell, North Carolina	1996	12.887
02084558	Albemarle Canal near Swindell, North Carolina	1997	12.665
02084558	Albemarle Canal near Swindell, North Carolina	1998	24.900
02084558	Albemarle Canal near Swindell, North Carolina	1999	17.498
02169570	Gills Creek at Columbia, South Carolina	1992	0.661
02169570	Gills Creek at Columbia, South Carolina	1993	0.553
02169570	Gills Creek at Columbia, South Carolina	1994	0.383
02169570	Gills Creek at Columbia, South Carolina	1995	0.319
02169570	Gills Creek at Columbia, South Carolina	1996	0.505
02169570	Gills Creek at Columbia, South Carolina	1997	0.390
02169570	Gills Creek at Columbia, South Carolina	1998	0.781
02169570	Gills Creek at Columbia, South Carolina	1999	0.198
02215100	Tusawhatchee Creek at Highway 27 near Hawkinsville, Georgia	1992	3.170
02215100	Tusawhatchee Creek at Highway 27 near Hawkinsville, Georgia	1993	2.536
02215100	Tusawhatchee Creek at Highway 27 near Hawkinsville, Georgia	1994	4.185
02215100	Tusawhatchee Creek at Highway 27 near Hawkinsville, Georgia	1995	0.877
02215100	Tusawhatchee Creek at Highway 27 near Hawkinsville, Georgia	1996	1.588
02215100	Tusawhatchee Creek at Highway 27 near Hawkinsville, Georgia	1997	0.854
02215100	Tusawhatchee Creek at Highway 27 near Hawkinsville, Georgia	1998	1.553
02215100	Tusawhatchee Creek at Highway 27 near Hawkinsville, Georgia	1999	1.089
02318500	Withlacoochee River at US 84 near Quitman, Georgia	1992	3.863
02318500	Withlacoochee River at US 84 near Quitman, Georgia	1993	4.778
02318500	Withlacoochee River at US 84 near Quitman, Georgia	1994	4.051
02318500	Withlacoochee River at US 84 near Quitman, Georgia	1995	5.075
02318500	Withlacoochee River at US 84 near Quitman, Georgia	1996	1.880
02318500	Withlacoochee River at US 84 near Quitman, Georgia	1997	2.034
02318500	Withlacoochee River at US 84 near Quitman, Georgia	1998	2.971
02318500	Withlacoochee River at US 84 near Quitman, Georgia	1999	2.763
02335870	Sope Creek at South Roswell Road near Marietta, Georgia	1992	0.000
02335870	Sope Creek at South Roswell Road near Marietta, Georgia	1993	0.000
02335870	Sope Creek at South Roswell Road near Marietta, Georgia	1994	0.000
02335870	Sope Creek at South Roswell Road near Marietta, Georgia	1995	0.000
02335870	Sope Creek at South Roswell Road near Marietta, Georgia	1996	0.000
02335870	Sope Creek at South Roswell Road near Marietta, Georgia	1997	0.000
02335870	Sope Creek at South Roswell Road near Marietta, Georgia	1998	0.000
02335870	Sope Creek at South Roswell Road near Marietta, Georgia	1999	0.000

Appendix: Table A1. Annual atrazine-use intensity estimates for watersheds used to develop the Watershed Regressions for Pesticides model, 1992 through 1999.—Continued[kg/km², kilogram per square kilometer; —, no estimate]

Station ID	Station name	Year	Watershed atrazine-use intensity (kg/km ²)
02350080	Lime Creek at County Road near Cobb, Georgia	1992	8.184
02350080	Lime Creek at County Road near Cobb, Georgia	1993	3.790
02350080	Lime Creek at County Road near Cobb, Georgia	1994	4.753
02350080	Lime Creek at County Road near Cobb, Georgia	1995	0.869
02350080	Lime Creek at County Road near Cobb, Georgia	1996	5.455
02350080	Lime Creek at County Road near Cobb, Georgia	1997	5.507
02350080	Lime Creek at County Road near Cobb, Georgia	1998	9.929
02350080	Lime Creek at County Road near Cobb, Georgia	1999	4.890
02424000	Cahaba River at Centreville, Alabama	1992	0.133
02424000	Cahaba River at Centreville, Alabama	1993	0.202
02424000	Cahaba River at Centreville, Alabama	1994	0.044
02424000	Cahaba River at Centreville, Alabama	1995	0.220
02424000	Cahaba River at Centreville, Alabama	1996	0.593
02424000	Cahaba River at Centreville, Alabama	1997	0.037
02424000	Cahaba River at Centreville, Alabama	1998	0.410
02424000	Cahaba River at Centreville, Alabama	1999	0.146
03167000	Reed Creek at Grahams Forge, Virginia	1992	3.851
03167000	Reed Creek at Grahams Forge, Virginia	1993	4.562
03167000	Reed Creek at Grahams Forge, Virginia	1994	7.883
03167000	Reed Creek at Grahams Forge, Virginia	1995	2.671
03167000	Reed Creek at Grahams Forge, Virginia	1996	8.244
03167000	Reed Creek at Grahams Forge, Virginia	1997	0.903
03167000	Reed Creek at Grahams Forge, Virginia	1998	6.808
03167000	Reed Creek at Grahams Forge, Virginia	1999	3.638
03176500	New River at Glen Lyn, Virginia	1992	2.334
03176500	New River at Glen Lyn, Virginia	1993	2.502
03176500	New River at Glen Lyn, Virginia	1994	3.663
03176500	New River at Glen Lyn, Virginia	1995	1.333
03176500	New River at Glen Lyn, Virginia	1996	4.010
03176500	New River at Glen Lyn, Virginia	1997	0.407
03176500	New River at Glen Lyn, Virginia	1998	3.157
03176500	New River at Glen Lyn, Virginia	1999	1.805
03216600	Ohio River at Greenup Dam, Kentucky	1992	3.926
03216600	Ohio River at Greenup Dam, Kentucky	1993	2.784
03216600	Ohio River at Greenup Dam, Kentucky	1994	3.400
03216600	Ohio River at Greenup Dam, Kentucky	1995	2.923
03216600	Ohio River at Greenup Dam, Kentucky	1996	3.102
03216600	Ohio River at Greenup Dam, Kentucky	1997	3.831
03216600	Ohio River at Greenup Dam, Kentucky	1998	4.108
03216600	Ohio River at Greenup Dam, Kentucky	1999	3.084

Appendix: Table A1. Annual atrazine-use intensity estimates for watersheds used to develop the Watershed Regressions for Pesticides model, 1992 through 1999.—Continued[kg/km², kilogram per square kilometer; —, no estimate]

Station ID	Station name	Year	Watershed atrazine-use intensity (kg/km ²)
03274000	Great Miami River at Hamilton, Ohio	1992	27.570
03274000	Great Miami River at Hamilton, Ohio	1993	20.693
03274000	Great Miami River at Hamilton, Ohio	1994	30.312
03274000	Great Miami River at Hamilton, Ohio	1995	18.639
03274000	Great Miami River at Hamilton, Ohio	1996	31.959
03274000	Great Miami River at Hamilton, Ohio	1997	31.638
03274000	Great Miami River at Hamilton, Ohio	1998	27.925
03274000	Great Miami River at Hamilton, Ohio	1999	26.891
03353637	Little Buck Creek near Indianapolis, Indiana	1992	8.633
03353637	Little Buck Creek near Indianapolis, Indiana	1993	11.287
03353637	Little Buck Creek near Indianapolis, Indiana	1994	11.138
03353637	Little Buck Creek near Indianapolis, Indiana	1995	8.021
03353637	Little Buck Creek near Indianapolis, Indiana	1996	5.449
03353637	Little Buck Creek near Indianapolis, Indiana	1997	6.577
03353637	Little Buck Creek near Indianapolis, Indiana	1998	7.910
03353637	Little Buck Creek near Indianapolis, Indiana	1999	7.193
03354000	White River near Centerton, Indiana	1992	29.356
03354000	White River near Centerton, Indiana	1993	31.403
03354000	White River near Centerton, Indiana	1994	33.704
03354000	White River near Centerton, Indiana	1995	27.309
03354000	White River near Centerton, Indiana	1996	25.318
03354000	White River near Centerton, Indiana	1997	30.173
03354000	White River near Centerton, Indiana	1998	36.628
03354000	White River near Centerton, Indiana	1999	37.208
03360895	Kessinger Ditch near Monroe City, Indiana	1992	46.567
03360895	Kessinger Ditch near Monroe City, Indiana	1993	51.014
03360895	Kessinger Ditch near Monroe City, Indiana	1994	58.268
03360895	Kessinger Ditch near Monroe City, Indiana	1995	42.885
03360895	Kessinger Ditch near Monroe City, Indiana	1996	35.294
03360895	Kessinger Ditch near Monroe City, Indiana	1997	52.469
03360895	Kessinger Ditch near Monroe City, Indiana	1998	51.779
03360895	Kessinger Ditch near Monroe City, Indiana	1999	52.801
03373500	East Fork White River at Shoals, Indiana	1992	26.379
03373500	East Fork White River at Shoals, Indiana	1993	31.677
03373500	East Fork White River at Shoals, Indiana	1994	34.039
03373500	East Fork White River at Shoals, Indiana	1995	27.821
03373500	East Fork White River at Shoals, Indiana	1996	28.330
03373500	East Fork White River at Shoals, Indiana	1997	34.472
03373500	East Fork White River at Shoals, Indiana	1998	33.259
03373500	East Fork White River at Shoals, Indiana	1999	29.890

Appendix: Table A1. Annual atrazine-use intensity estimates for watersheds used to develop the Watershed Regressions for Pesticides model, 1992 through 1999.—Continued[kg/km², kilogram per square kilometer; —, no estimate]

Station ID	Station name	Year	Watershed atrazine-use intensity (kg/km ²)
03374100	White River at Hazleton, Indiana	1992	28.706
03374100	White River at Hazleton, Indiana	1993	30.073
03374100	White River at Hazleton, Indiana	1994	34.546
03374100	White River at Hazleton, Indiana	1995	26.741
03374100	White River at Hazleton, Indiana	1996	24.780
03374100	White River at Hazleton, Indiana	1997	31.692
03374100	White River at Hazleton, Indiana	1998	32.526
03374100	White River at Hazleton, Indiana	1999	30.376
03466208	Big Limestone Creek near Limestone, Tennessee	1992	11.356
03466208	Big Limestone Creek near Limestone, Tennessee	1993	8.284
03466208	Big Limestone Creek near Limestone, Tennessee	1994	5.548
03466208	Big Limestone Creek near Limestone, Tennessee	1995	13.898
03466208	Big Limestone Creek near Limestone, Tennessee	1996	11.457
03466208	Big Limestone Creek near Limestone, Tennessee	1997	7.478
03466208	Big Limestone Creek near Limestone, Tennessee	1998	6.746
03466208	Big Limestone Creek near Limestone, Tennessee	1999	4.938
03467609	Nolichucky River near Lowland, Tennessee	1992	3.725
03467609	Nolichucky River near Lowland, Tennessee	1993	3.136
03467609	Nolichucky River near Lowland, Tennessee	1994	1.827
03467609	Nolichucky River near Lowland, Tennessee	1995	4.262
03467609	Nolichucky River near Lowland, Tennessee	1996	3.443
03467609	Nolichucky River near Lowland, Tennessee	1997	2.283
03467609	Nolichucky River near Lowland, Tennessee	1998	2.027
03467609	Nolichucky River near Lowland, Tennessee	1999	1.470
03526000	Copper Creek near Gate City, Virginia	1992	0.703
03526000	Copper Creek near Gate City, Virginia	1993	0.856
03526000	Copper Creek near Gate City, Virginia	1994	1.524
03526000	Copper Creek near Gate City, Virginia	1995	0.578
03526000	Copper Creek near Gate City, Virginia	1996	1.595
03526000	Copper Creek near Gate City, Virginia	1997	0.142
03526000	Copper Creek near Gate City, Virginia	1998	1.267
03526000	Copper Creek near Gate City, Virginia	1999	0.706
03612500	Ohio River near Grand Chain, Illinois	1992	12.260
03612500	Ohio River near Grand Chain, Illinois	1993	11.003
03612500	Ohio River near Grand Chain, Illinois	1994	12.830
03612500	Ohio River near Grand Chain, Illinois	1995	10.357
03612500	Ohio River near Grand Chain, Illinois	1996	10.069
03612500	Ohio River near Grand Chain, Illinois	1997	11.248
03612500	Ohio River near Grand Chain, Illinois	1998	11.924
03612500	Ohio River near Grand Chain, Illinois	1999	11.502

Appendix: Table A1. Annual atrazine-use intensity estimates for watersheds used to develop the Watershed Regressions for Pesticides model, 1992 through 1999.—Continued[kg/km², kilogram per square kilometer; —, no estimate]

Station ID	Station name	Year	Watershed atrazine-use intensity (kg/km ²)
04087000	Milwaukee River at Milwaukee, Wisconsin	1992	9.883
04087000	Milwaukee River at Milwaukee, Wisconsin	1993	6.588
04087000	Milwaukee River at Milwaukee, Wisconsin	1994	4.962
04087000	Milwaukee River at Milwaukee, Wisconsin	1995	5.096
04087000	Milwaukee River at Milwaukee, Wisconsin	1996	4.395
04087000	Milwaukee River at Milwaukee, Wisconsin	1997	6.047
04087000	Milwaukee River at Milwaukee, Wisconsin	1998	7.194
04087000	Milwaukee River at Milwaukee, Wisconsin	1999	5.986
04178000	St. Joseph River near Newville, Indiana	1992	25.278
04178000	St. Joseph River near Newville, Indiana	1993	24.148
04178000	St. Joseph River near Newville, Indiana	1994	21.871
04178000	St. Joseph River near Newville, Indiana	1995	22.782
04178000	St. Joseph River near Newville, Indiana	1996	21.539
04178000	St. Joseph River near Newville, Indiana	1997	22.994
04178000	St. Joseph River near Newville, Indiana	1998	19.324
04178000	St. Joseph River near Newville, Indiana	1999	17.678
04186500	Auglaize River near Fort Jennings, Ohio	1992	25.152
04186500	Auglaize River near Fort Jennings, Ohio	1993	24.403
04186500	Auglaize River near Fort Jennings, Ohio	1994	24.740
04186500	Auglaize River near Fort Jennings, Ohio	1995	19.305
04186500	Auglaize River near Fort Jennings, Ohio	1996	25.806
04186500	Auglaize River near Fort Jennings, Ohio	1997	27.480
04186500	Auglaize River near Fort Jennings, Ohio	1998	28.444
04186500	Auglaize River near Fort Jennings, Ohio	1999	23.718
04193500	Maumee River at Waterville, Ohio	1992	30.755
04193500	Maumee River at Waterville, Ohio	1993	29.453
04193500	Maumee River at Waterville, Ohio	1994	24.865
04193500	Maumee River at Waterville, Ohio	1995	24.193
04193500	Maumee River at Waterville, Ohio	1996	24.416
04193500	Maumee River at Waterville, Ohio	1997	31.651
04193500	Maumee River at Waterville, Ohio	1998	25.987
04193500	Maumee River at Waterville, Ohio	1999	23.915
04208504	Cuyahoga River at LTV Steel at Cleveland, Ohio	1992	3.241
04208504	Cuyahoga River at LTV Steel at Cleveland, Ohio	1993	2.654
04208504	Cuyahoga River at LTV Steel at Cleveland, Ohio	1994	3.485
04208504	Cuyahoga River at LTV Steel at Cleveland, Ohio	1995	3.341
04208504	Cuyahoga River at LTV Steel at Cleveland, Ohio	1996	4.015
04208504	Cuyahoga River at LTV Steel at Cleveland, Ohio	1997	2.844
04208504	Cuyahoga River at LTV Steel at Cleveland, Ohio	1998	3.737
04208504	Cuyahoga River at LTV Steel at Cleveland, Ohio	1999	2.496

Appendix: Table A1. Annual atrazine-use intensity estimates for watersheds used to develop the Watershed Regressions for Pesticides model, 1992 through 1999.—Continued[kg/km², kilogram per square kilometer; —, no estimate]

Station ID	Station name	Year	Watershed atrazine-use intensity (kg/km ²)
04211820	Grand River at Harpersfield, Ohio	1992	7.637
04211820	Grand River at Harpersfield, Ohio	1993	6.062
04211820	Grand River at Harpersfield, Ohio	1994	8.212
04211820	Grand River at Harpersfield, Ohio	1995	7.888
04211820	Grand River at Harpersfield, Ohio	1996	10.478
04211820	Grand River at Harpersfield, Ohio	1997	6.610
04211820	Grand River at Harpersfield, Ohio	1998	9.891
04211820	Grand River at Harpersfield, Ohio	1999	6.036
05062500	Wild Rice River at Twin Valley, Minnesota	1992	0.048
05062500	Wild Rice River at Twin Valley, Minnesota	1993	0.033
05062500	Wild Rice River at Twin Valley, Minnesota	1994	0.066
05062500	Wild Rice River at Twin Valley, Minnesota	1995	0.062
05062500	Wild Rice River at Twin Valley, Minnesota	1996	0.209
05062500	Wild Rice River at Twin Valley, Minnesota	1997	0.428
05062500	Wild Rice River at Twin Valley, Minnesota	1998	1.015
05062500	Wild Rice River at Twin Valley, Minnesota	1999	0.314
05082625	Turtle River at Turtle River State Park near Arvilla, North Dakota	1992	0.002
05082625	Turtle River at Turtle River State Park near Arvilla, North Dakota	1993	0.004
05082625	Turtle River at Turtle River State Park near Arvilla, North Dakota	1994	0.011
05082625	Turtle River at Turtle River State Park near Arvilla, North Dakota	1995	0.006
05082625	Turtle River at Turtle River State Park near Arvilla, North Dakota	1996	1.099
05082625	Turtle River at Turtle River State Park near Arvilla, North Dakota	1997	0.001
05082625	Turtle River at Turtle River State Park near Arvilla, North Dakota	1998	0.001
05082625	Turtle River at Turtle River State Park near Arvilla, North Dakota	1999	0.001
05085900	Snake River above Alvarado, Minnesota	1992	0.027
05085900	Snake River above Alvarado, Minnesota	1993	0.028
05085900	Snake River above Alvarado, Minnesota	1994	0.094
05085900	Snake River above Alvarado, Minnesota	1995	0.044
05085900	Snake River above Alvarado, Minnesota	1996	0.133
05085900	Snake River above Alvarado, Minnesota	1997	0.386
05085900	Snake River above Alvarado, Minnesota	1998	0.783
05085900	Snake River above Alvarado, Minnesota	1999	0.203
05288705	Shingle Creek at Queen Avenue at Minneapolis, Minnesota	1992	0.801
05288705	Shingle Creek at Queen Avenue at Minneapolis, Minnesota	1993	0.266
05288705	Shingle Creek at Queen Avenue at Minneapolis, Minnesota	1994	0.329
05288705	Shingle Creek at Queen Avenue at Minneapolis, Minnesota	1995	0.171
05288705	Shingle Creek at Queen Avenue at Minneapolis, Minnesota	1996	0.191
05288705	Shingle Creek at Queen Avenue at Minneapolis, Minnesota	1997	0.158
05288705	Shingle Creek at Queen Avenue at Minneapolis, Minnesota	1998	0.147
05288705	Shingle Creek at Queen Avenue at Minneapolis, Minnesota	1999	0.412

Appendix: Table A1. Annual atrazine-use intensity estimates for watersheds used to develop the Watershed Regressions for Pesticides model, 1992 through 1999.—Continued[kg/km², kilogram per square kilometer; —, no estimate]

Station ID	Station name	Year	Watershed atrazine-use intensity (kg/km ²)
05320270	Little Cobb River near Beauford, Minnesota	1992	8.847
05320270	Little Cobb River near Beauford, Minnesota	1993	8.866
05320270	Little Cobb River near Beauford, Minnesota	1994	12.283
05320270	Little Cobb River near Beauford, Minnesota	1995	16.108
05320270	Little Cobb River near Beauford, Minnesota	1996	17.832
05320270	Little Cobb River near Beauford, Minnesota	1997	23.022
05320270	Little Cobb River near Beauford, Minnesota	1998	17.764
05320270	Little Cobb River near Beauford, Minnesota	1999	13.985
05330000	Minnesota River near Jordan, Minnesota	1992	7.345
05330000	Minnesota River near Jordan, Minnesota	1993	6.173
05330000	Minnesota River near Jordan, Minnesota	1994	9.306
05330000	Minnesota River near Jordan, Minnesota	1995	7.888
05330000	Minnesota River near Jordan, Minnesota	1996	9.251
05330000	Minnesota River near Jordan, Minnesota	1997	11.268
05330000	Minnesota River near Jordan, Minnesota	1998	10.856
05330000	Minnesota River near Jordan, Minnesota	1999	10.548
05330902	Nine Mile Creek near James Circle at Bloomington, Minnesota	1992	0.006
05330902	Nine Mile Creek near James Circle at Bloomington, Minnesota	1993	0.002
05330902	Nine Mile Creek near James Circle at Bloomington, Minnesota	1994	0.002
05330902	Nine Mile Creek near James Circle at Bloomington, Minnesota	1995	0.001
05330902	Nine Mile Creek near James Circle at Bloomington, Minnesota	1996	0.001
05330902	Nine Mile Creek near James Circle at Bloomington, Minnesota	1997	0.001
05330902	Nine Mile Creek near James Circle at Bloomington, Minnesota	1998	0.001
05330902	Nine Mile Creek near James Circle at Bloomington, Minnesota	1999	0.003
05331580	Mississippi River below Lock and Dam no. 2 at Hastings, Minnesota	1992	6.200
05331580	Mississippi River below Lock and Dam no. 2 at Hastings, Minnesota	1993	4.731
05331580	Mississippi River below Lock and Dam no. 2 at Hastings, Minnesota	1994	7.460
05331580	Mississippi River below Lock and Dam no. 2 at Hastings, Minnesota	1995	5.110
05331580	Mississippi River below Lock and Dam no. 2 at Hastings, Minnesota	1996	6.897
05331580	Mississippi River below Lock and Dam no. 2 at Hastings, Minnesota	1997	8.059
05331580	Mississippi River below Lock and Dam no. 2 at Hastings, Minnesota	1998	7.619
05331580	Mississippi River below Lock and Dam no. 2 at Hastings, Minnesota	1999	7.653
05420500	Mississippi River at Clinton, Iowa	1992	11.511
05420500	Mississippi River at Clinton, Iowa	1993	7.756
05420500	Mississippi River at Clinton, Iowa	1994	9.833
05420500	Mississippi River at Clinton, Iowa	1995	8.953
05420500	Mississippi River at Clinton, Iowa	1996	10.364
05420500	Mississippi River at Clinton, Iowa	1997	10.577
05420500	Mississippi River at Clinton, Iowa	1998	9.681
05420500	Mississippi River at Clinton, Iowa	1999	9.169

Appendix: Table A1. Annual atrazine-use intensity estimates for watersheds used to develop the Watershed Regressions for Pesticides model, 1992 through 1999.—Continued[kg/km², kilogram per square kilometer; —, no estimate]

Station ID	Station name	Year	Watershed atrazine-use intensity (kg/km ²)
05449500	Iowa River near Rowan, Iowa	1992	14.791
05449500	Iowa River near Rowan, Iowa	1993	18.168
05449500	Iowa River near Rowan, Iowa	1994	19.456
05449500	Iowa River near Rowan, Iowa	1995	15.387
05449500	Iowa River near Rowan, Iowa	1996	29.825
05449500	Iowa River near Rowan, Iowa	1997	21.069
05449500	Iowa River near Rowan, Iowa	1998	23.190
05449500	Iowa River near Rowan, Iowa	1999	23.206
05464220	Wolf Creek near Dysart, Iowa	1992	34.184
05464220	Wolf Creek near Dysart, Iowa	1993	24.841
05464220	Wolf Creek near Dysart, Iowa	1994	23.367
05464220	Wolf Creek near Dysart, Iowa	1995	26.309
05464220	Wolf Creek near Dysart, Iowa	1996	22.557
05464220	Wolf Creek near Dysart, Iowa	1997	35.745
05464220	Wolf Creek near Dysart, Iowa	1998	23.726
05464220	Wolf Creek near Dysart, Iowa	1999	29.064
05465500	Iowa River at Wapello, Iowa	1992	30.960
05465500	Iowa River at Wapello, Iowa	1993	25.443
05465500	Iowa River at Wapello, Iowa	1994	26.092
05465500	Iowa River at Wapello, Iowa	1995	22.191
05465500	Iowa River at Wapello, Iowa	1996	32.689
05465500	Iowa River at Wapello, Iowa	1997	27.399
05465500	Iowa River at Wapello, Iowa	1998	27.194
05465500	Iowa River at Wapello, Iowa	1999	29.148
05525500	Sugar Creek at Milford, Illinois	1992	55.511
05525500	Sugar Creek at Milford, Illinois	1993	47.447
05525500	Sugar Creek at Milford, Illinois	1994	48.298
05525500	Sugar Creek at Milford, Illinois	1995	41.819
05525500	Sugar Creek at Milford, Illinois	1996	35.595
05525500	Sugar Creek at Milford, Illinois	1997	38.549
05525500	Sugar Creek at Milford, Illinois	1998	49.676
05525500	Sugar Creek at Milford, Illinois	1999	51.181
05531500	Salt Creek at Western Springs, Illinois	1992	0.425
05531500	Salt Creek at Western Springs, Illinois	1993	0.365
05531500	Salt Creek at Western Springs, Illinois	1994	0.379
05531500	Salt Creek at Western Springs, Illinois	1995	0.292
05531500	Salt Creek at Western Springs, Illinois	1996	0.165
05531500	Salt Creek at Western Springs, Illinois	1997	0.295
05531500	Salt Creek at Western Springs, Illinois	1998	0.293
05531500	Salt Creek at Western Springs, Illinois	1999	0.227

Appendix: Table A1. Annual atrazine-use intensity estimates for watersheds used to develop the Watershed Regressions for Pesticides model, 1992 through 1999.—Continued[kg/km², kilogram per square kilometer; —, no estimate]

Station ID	Station name	Year	Watershed atrazine-use intensity (kg/km ²)
05532500	Des Plaines River at Riverside, Illinois	1992	8.102
05532500	Des Plaines River at Riverside, Illinois	1993	7.501
05532500	Des Plaines River at Riverside, Illinois	1994	5.354
05532500	Des Plaines River at Riverside, Illinois	1995	5.058
05532500	Des Plaines River at Riverside, Illinois	1996	2.791
05532500	Des Plaines River at Riverside, Illinois	1997	4.831
05532500	Des Plaines River at Riverside, Illinois	1998	6.361
05532500	Des Plaines River at Riverside, Illinois	1999	4.394
05553500	Illinois River at Ottawa, Illinois	1992	38.508
05553500	Illinois River at Ottawa, Illinois	1993	31.965
05553500	Illinois River at Ottawa, Illinois	1994	33.190
05553500	Illinois River at Ottawa, Illinois	1995	27.999
05553500	Illinois River at Ottawa, Illinois	1996	24.881
05553500	Illinois River at Ottawa, Illinois	1997	29.166
05553500	Illinois River at Ottawa, Illinois	1998	32.687
05553500	Illinois River at Ottawa, Illinois	1999	31.291
05572000	Sangamon River at Monticello, Illinois	1992	43.621
05572000	Sangamon River at Monticello, Illinois	1993	44.088
05572000	Sangamon River at Monticello, Illinois	1994	36.335
05572000	Sangamon River at Monticello, Illinois	1995	34.367
05572000	Sangamon River at Monticello, Illinois	1996	29.819
05572000	Sangamon River at Monticello, Illinois	1997	28.594
05572000	Sangamon River at Monticello, Illinois	1998	42.747
05572000	Sangamon River at Monticello, Illinois	1999	42.453
05584500	La Moine River at Colmar, Illinois	1992	29.777
05584500	La Moine River at Colmar, Illinois	1993	51.895
05584500	La Moine River at Colmar, Illinois	1994	60.006
05584500	La Moine River at Colmar, Illinois	1995	48.527
05584500	La Moine River at Colmar, Illinois	1996	40.363
05584500	La Moine River at Colmar, Illinois	1997	57.781
05584500	La Moine River at Colmar, Illinois	1998	44.180
05584500	La Moine River at Colmar, Illinois	1999	50.789
05586100	Illinois River at Valley City, Illinois	1992	38.234
05586100	Illinois River at Valley City, Illinois	1993	34.021
05586100	Illinois River at Valley City, Illinois	1994	37.986
05586100	Illinois River at Valley City, Illinois	1995	33.351
05586100	Illinois River at Valley City, Illinois	1996	34.158
05586100	Illinois River at Valley City, Illinois	1997	37.244
05586100	Illinois River at Valley City, Illinois	1998	36.600
05586100	Illinois River at Valley City, Illinois	1999	37.212

Appendix: Table A1. Annual atrazine-use intensity estimates for watersheds used to develop the Watershed Regressions for Pesticides model, 1992 through 1999.—Continued[kg/km², kilogram per square kilometer; —, no estimate]

Station ID	Station name	Year	Watershed atrazine-use intensity (kg/km ²)
06279500	Bighorn River at Kane, Wyoming	1992	0.000
06279500	Bighorn River at Kane, Wyoming	1993	0.005
06279500	Bighorn River at Kane, Wyoming	1994	0.003
06279500	Bighorn River at Kane, Wyoming	1995	0.010
06279500	Bighorn River at Kane, Wyoming	1996	0.026
06279500	Bighorn River at Kane, Wyoming	1997	0.082
06279500	Bighorn River at Kane, Wyoming	1998	0.003
06279500	Bighorn River at Kane, Wyoming	1999	0.007
06295000	Yellowstone River at Forsyth, Montana	1992	0.001
06295000	Yellowstone River at Forsyth, Montana	1993	0.003
06295000	Yellowstone River at Forsyth, Montana	1994	0.002
06295000	Yellowstone River at Forsyth, Montana	1995	0.027
06295000	Yellowstone River at Forsyth, Montana	1996	0.015
06295000	Yellowstone River at Forsyth, Montana	1997	0.045
06295000	Yellowstone River at Forsyth, Montana	1998	0.002
06295000	Yellowstone River at Forsyth, Montana	1999	0.004
06329500	Yellowstone River near Sidney, Montana	1992	0.022
06329500	Yellowstone River near Sidney, Montana	1993	0.023
06329500	Yellowstone River near Sidney, Montana	1994	0.023
06329500	Yellowstone River near Sidney, Montana	1995	0.040
06329500	Yellowstone River near Sidney, Montana	1996	0.031
06329500	Yellowstone River near Sidney, Montana	1997	0.049
06329500	Yellowstone River near Sidney, Montana	1998	0.002
06329500	Yellowstone River near Sidney, Montana	1999	0.012
06713500	Cherry Creek at Denver, Colorado	1992	0.006
06713500	Cherry Creek at Denver, Colorado	1993	0.004
06713500	Cherry Creek at Denver, Colorado	1994	0.009
06713500	Cherry Creek at Denver, Colorado	1995	0.015
06713500	Cherry Creek at Denver, Colorado	1996	0.012
06713500	Cherry Creek at Denver, Colorado	1997	0.014
06713500	Cherry Creek at Denver, Colorado	1998	0.007
06713500	Cherry Creek at Denver, Colorado	1999	0.025
06714000	South Platte River at Denver, Colorado	1992	0.018
06714000	South Platte River at Denver, Colorado	1993	0.031
06714000	South Platte River at Denver, Colorado	1994	0.019
06714000	South Platte River at Denver, Colorado	1995	0.021
06714000	South Platte River at Denver, Colorado	1996	0.027
06714000	South Platte River at Denver, Colorado	1997	0.055
06714000	South Platte River at Denver, Colorado	1998	0.026
06714000	South Platte River at Denver, Colorado	1999	0.061

Appendix: Table A1. Annual atrazine-use intensity estimates for watersheds used to develop the Watershed Regressions for Pesticides model, 1992 through 1999.—Continued[kg/km², kilogram per square kilometer; —, no estimate]

Station ID	Station name	Year	Watershed atrazine-use intensity (kg/km ²)
06753990	Lonetree Creek near Greeley, Colorado	1992	2.362
06753990	Lonetree Creek near Greeley, Colorado	1993	5.453
06753990	Lonetree Creek near Greeley, Colorado	1994	1.761
06753990	Lonetree Creek near Greeley, Colorado	1995	0.751
06753990	Lonetree Creek near Greeley, Colorado	1996	3.580
06753990	Lonetree Creek near Greeley, Colorado	1997	3.102
06753990	Lonetree Creek near Greeley, Colorado	1998	1.209
06753990	Lonetree Creek near Greeley, Colorado	1999	4.051
06800000	Maple Creek near Nickerson, Nebraska	1992	42.886
06800000	Maple Creek near Nickerson, Nebraska	1993	36.206
06800000	Maple Creek near Nickerson, Nebraska	1994	45.993
06800000	Maple Creek near Nickerson, Nebraska	1995	25.260
06800000	Maple Creek near Nickerson, Nebraska	1996	38.981
06800000	Maple Creek near Nickerson, Nebraska	1997	43.834
06800000	Maple Creek near Nickerson, Nebraska	1998	45.577
06800000	Maple Creek near Nickerson, Nebraska	1999	40.547
06805500	Platte River at Louisville, Nebraska	1992	8.499
06805500	Platte River at Louisville, Nebraska	1993	8.279
06805500	Platte River at Louisville, Nebraska	1994	9.405
06805500	Platte River at Louisville, Nebraska	1995	7.649
06805500	Platte River at Louisville, Nebraska	1996	8.116
06805500	Platte River at Louisville, Nebraska	1997	8.046
06805500	Platte River at Louisville, Nebraska	1998	8.116
06805500	Platte River at Louisville, Nebraska	1999	7.843
06934500	Missouri River at Hermann, Missouri	1992	5.960
06934500	Missouri River at Hermann, Missouri	1993	5.575
06934500	Missouri River at Hermann, Missouri	1994	6.157
06934500	Missouri River at Hermann, Missouri	1995	5.302
06934500	Missouri River at Hermann, Missouri	1996	6.038
06934500	Missouri River at Hermann, Missouri	1997	6.008
06934500	Missouri River at Hermann, Missouri	1998	6.189
06934500	Missouri River at Hermann, Missouri	1999	6.163
07043500	Little River Ditch no. 1 near Morehouse, Missouri	1992	32.413
07043500	Little River Ditch no. 1 near Morehouse, Missouri	1993	30.995
07043500	Little River Ditch no. 1 near Morehouse, Missouri	1994	47.466
07043500	Little River Ditch no. 1 near Morehouse, Missouri	1995	23.727
07043500	Little River Ditch no. 1 near Morehouse, Missouri	1996	24.535
07043500	Little River Ditch no. 1 near Morehouse, Missouri	1997	47.027
07043500	Little River Ditch no. 1 near Morehouse, Missouri	1998	37.155
07043500	Little River Ditch no. 1 near Morehouse, Missouri	1999	20.458

Appendix: Table A1. Annual atrazine-use intensity estimates for watersheds used to develop the Watershed Regressions for Pesticides model, 1992 through 1999.—Continued[kg/km², kilogram per square kilometer; —, no estimate]

Station ID	Station name	Year	Watershed atrazine-use intensity (kg/km ²)
07053250	Yocum Creek near Oak Grove, Arkansas	1992	0.353
07053250	Yocum Creek near Oak Grove, Arkansas	1993	0.652
07053250	Yocum Creek near Oak Grove, Arkansas	1994	0.070
07053250	Yocum Creek near Oak Grove, Arkansas	1995	0.055
07053250	Yocum Creek near Oak Grove, Arkansas	1996	0.928
07053250	Yocum Creek near Oak Grove, Arkansas	1997	0.108
07053250	Yocum Creek near Oak Grove, Arkansas	1998	0.639
07053250	Yocum Creek near Oak Grove, Arkansas	1999	0.638
07263620	Arkansas River at David Terry Dam, Arkansas	1992	3.738
07263620	Arkansas River at David Terry Dam, Arkansas	1993	2.921
07263620	Arkansas River at David Terry Dam, Arkansas	1994	3.869
07263620	Arkansas River at David Terry Dam, Arkansas	1995	4.096
07263620	Arkansas River at David Terry Dam, Arkansas	1996	5.525
07263620	Arkansas River at David Terry Dam, Arkansas	1997	5.327
07263620	Arkansas River at David Terry Dam, Arkansas	1998	5.089
07263620	Arkansas River at David Terry Dam, Arkansas	1999	5.544
07288650	Bogue Phalia near Leland, Mississippi	1992	2.120
07288650	Bogue Phalia near Leland, Mississippi	1993	2.513
07288650	Bogue Phalia near Leland, Mississippi	1994	1.341
07288650	Bogue Phalia near Leland, Mississippi	1995	1.337
07288650	Bogue Phalia near Leland, Mississippi	1996	4.332
07288650	Bogue Phalia near Leland, Mississippi	1997	2.883
07288650	Bogue Phalia near Leland, Mississippi	1998	1.335
07288650	Bogue Phalia near Leland, Mississippi	1999	4.121
07288955	Yazoo River below Steele Bayou near Long Lake, Mississippi	1992	3.349
07288955	Yazoo River below Steele Bayou near Long Lake, Mississippi	1993	4.181
07288955	Yazoo River below Steele Bayou near Long Lake, Mississippi	1994	1.910
07288955	Yazoo River below Steele Bayou near Long Lake, Mississippi	1995	2.632
07288955	Yazoo River below Steele Bayou near Long Lake, Mississippi	1996	6.163
07288955	Yazoo River below Steele Bayou near Long Lake, Mississippi	1997	4.124
07288955	Yazoo River below Steele Bayou near Long Lake, Mississippi	1998	3.264
07288955	Yazoo River below Steele Bayou near Long Lake, Mississippi	1999	2.886
07373420	Mississippi River at St. Francisville, Louisiana	1992	9.258
07373420	Mississippi River at St. Francisville, Louisiana	1993	8.016
07373420	Mississippi River at St. Francisville, Louisiana	1994	9.353
07373420	Mississippi River at St. Francisville, Louisiana	1995	7.925
07373420	Mississippi River at St. Francisville, Louisiana	1996	9.140
07373420	Mississippi River at St. Francisville, Louisiana	1997	9.250
07373420	Mississippi River at St. Francisville, Louisiana	1998	9.217
07373420	Mississippi River at St. Francisville, Louisiana	1999	9.147

Appendix: Table A1. Annual atrazine-use intensity estimates for watersheds used to develop the Watershed Regressions for Pesticides model, 1992 through 1999.—Continued[kg/km², kilogram per square kilometer; —, no estimate]

Station ID	Station name	Year	Watershed atrazine-use intensity (kg/km ²)
07381495	Atchafalaya River at Melville, Louisiana	1992	2.298
07381495	Atchafalaya River at Melville, Louisiana	1993	1.352
07381495	Atchafalaya River at Melville, Louisiana	1994	2.125
07381495	Atchafalaya River at Melville, Louisiana	1995	1.663
07381495	Atchafalaya River at Melville, Louisiana	1996	2.564
07381495	Atchafalaya River at Melville, Louisiana	1997	2.825
07381495	Atchafalaya River at Melville, Louisiana	1998	2.927
07381495	Atchafalaya River at Melville, Louisiana	1999	2.695
08012150	Mermentau River at Mermentau, Louisiana	1992	7.070
08012150	Mermentau River at Mermentau, Louisiana	1993	3.518
08012150	Mermentau River at Mermentau, Louisiana	1994	3.252
08012150	Mermentau River at Mermentau, Louisiana	1995	2.836
08012150	Mermentau River at Mermentau, Louisiana	1996	3.995
08012150	Mermentau River at Mermentau, Louisiana	1997	1.962
08012150	Mermentau River at Mermentau, Louisiana	1998	5.943
08012150	Mermentau River at Mermentau, Louisiana	1999	5.707
08178800	Salado Creek (lower station) at San Antonio, Texas	1992	0.106
08178800	Salado Creek (lower station) at San Antonio, Texas	1993	0.166
08178800	Salado Creek (lower station) at San Antonio, Texas	1994	0.146
08178800	Salado Creek (lower station) at San Antonio, Texas	1995	0.278
08178800	Salado Creek (lower station) at San Antonio, Texas	1996	0.170
08178800	Salado Creek (lower station) at San Antonio, Texas	1997	0.390
08178800	Salado Creek (lower station) at San Antonio, Texas	1998	0.233
08178800	Salado Creek (lower station) at San Antonio, Texas	1999	0.155
08180640	Medina River at La Coste, Texas	1992	0.951
08180640	Medina River at La Coste, Texas	1993	1.451
08180640	Medina River at La Coste, Texas	1994	1.233
08180640	Medina River at La Coste, Texas	1995	2.315
08180640	Medina River at La Coste, Texas	1996	1.596
08180640	Medina River at La Coste, Texas	1997	3.901
08180640	Medina River at La Coste, Texas	1998	1.931
08180640	Medina River at La Coste, Texas	1999	1.255
08181800	San Antonio River near Elmendorf, Texas	1992	1.302
08181800	San Antonio River near Elmendorf, Texas	1993	2.117
08181800	San Antonio River near Elmendorf, Texas	1994	1.810
08181800	San Antonio River near Elmendorf, Texas	1995	3.501
08181800	San Antonio River near Elmendorf, Texas	1996	2.208
08181800	San Antonio River near Elmendorf, Texas	1997	5.375
08181800	San Antonio River near Elmendorf, Texas	1998	2.964
08181800	San Antonio River near Elmendorf, Texas	1999	1.920

Appendix: Table A1. Annual atrazine-use intensity estimates for watersheds used to develop the Watershed Regressions for Pesticides model, 1992 through 1999.—Continued[kg/km², kilogram per square kilometer; —, no estimate]

Station ID	Station name	Year	Watershed atrazine-use intensity (kg/km ²)
09153290	Reed Wash near Mack, Colorado	1992	5.897
09153290	Reed Wash near Mack, Colorado	1993	37.290
09153290	Reed Wash near Mack, Colorado	1994	26.305
09153290	Reed Wash near Mack, Colorado	1995	0.732
09153290	Reed Wash near Mack, Colorado	1996	1.095
09153290	Reed Wash near Mack, Colorado	1997	2.088
09153290	Reed Wash near Mack, Colorado	1998	0.652
09153290	Reed Wash near Mack, Colorado	1999	1.723
09315000	Green River at Green River, Utah	1992	0.000
09315000	Green River at Green River, Utah	1993	0.000
09315000	Green River at Green River, Utah	1994	0.003
09315000	Green River at Green River, Utah	1995	0.000
09315000	Green River at Green River, Utah	1996	0.003
09315000	Green River at Green River, Utah	1997	0.000
09315000	Green River at Green River, Utah	1998	0.000
09315000	Green River at Green River, Utah	1999	0.000
09514000	Buckeye Canal near Avondale, Arizona	1992	0.004
09514000	Buckeye Canal near Avondale, Arizona	1993	0.009
09514000	Buckeye Canal near Avondale, Arizona	1994	0.067
09514000	Buckeye Canal near Avondale, Arizona	1995	0.000
09514000	Buckeye Canal near Avondale, Arizona	1996	0.066
09514000	Buckeye Canal near Avondale, Arizona	1997	0.087
09514000	Buckeye Canal near Avondale, Arizona	1998	0.071
09514000	Buckeye Canal near Avondale, Arizona	1999	0.091
09517000	Hassayampa River near Arlington, Arizona	1992	0.004
09517000	Hassayampa River near Arlington, Arizona	1993	0.014
09517000	Hassayampa River near Arlington, Arizona	1994	0.111
09517000	Hassayampa River near Arlington, Arizona	1995	0.000
09517000	Hassayampa River near Arlington, Arizona	1996	0.119
09517000	Hassayampa River near Arlington, Arizona	1997	0.140
09517000	Hassayampa River near Arlington, Arizona	1998	0.111
09517000	Hassayampa River near Arlington, Arizona	1999	0.132
10171000	Jordan River at 1700 South Road at Salt Lake City, Utah	1992	0.096
10171000	Jordan River at 1700 South Road at Salt Lake City, Utah	1993	0.167
10171000	Jordan River at 1700 South Road at Salt Lake City, Utah	1994	0.062
10171000	Jordan River at 1700 South Road at Salt Lake City, Utah	1995	0.277
10171000	Jordan River at 1700 South Road at Salt Lake City, Utah	1996	0.006
10171000	Jordan River at 1700 South Road at Salt Lake City, Utah	1997	0.006
10171000	Jordan River at 1700 South Road at Salt Lake City, Utah	1998	0.121
10171000	Jordan River at 1700 South Road at Salt Lake City, Utah	1999	0.289

Appendix: Table A1. Annual atrazine-use intensity estimates for watersheds used to develop the Watershed Regressions for Pesticides model, 1992 through 1999.—Continued[kg/km², kilogram per square kilometer; —, no estimate]

Station ID	Station name	Year	Watershed atrazine-use intensity (kg/km ²)
11273500	Merced River at River Road Bridge near Newman, California	1994	—
11273500	Merced River at River Road Bridge near Newman, California	1995	—
11273500	Merced River at River Road Bridge near Newman, California	1996	0.000
11273500	Merced River at River Road Bridge near Newman, California	1997	—
11273500	Merced River at River Road Bridge near Newman, California	1998	0.000
11273500	Merced River at River Road Bridge near Newman, California	1999	0.001
11303500	San Joaquin River near Vernalis, California	1992	0.004
11303500	San Joaquin River near Vernalis, California	1993	0.007
11303500	San Joaquin River near Vernalis, California	1994	0.008
11303500	San Joaquin River near Vernalis, California	1995	0.002
11303500	San Joaquin River near Vernalis, California	1996	0.003
11303500	San Joaquin River near Vernalis, California	1997	0.002
11303500	San Joaquin River near Vernalis, California	1998	0.004
11303500	San Joaquin River near Vernalis, California	1999	0.004
11447360	Arcade Creek near Del Paso Heights, California	1992	0.005
11447360	Arcade Creek near Del Paso Heights, California	1993	0.004
11447360	Arcade Creek near Del Paso Heights, California	1994	0.003
11447360	Arcade Creek near Del Paso Heights, California	1995	0.003
11447360	Arcade Creek near Del Paso Heights, California	1996	0.005
11447360	Arcade Creek near Del Paso Heights, California	1997	0.005
11447360	Arcade Creek near Del Paso Heights, California	1998	0.008
11447360	Arcade Creek near Del Paso Heights, California	1999	0.008
12128000	Thornton Creek near Seattle, Washington	1992	0.008
12128000	Thornton Creek near Seattle, Washington	1993	0.003
12128000	Thornton Creek near Seattle, Washington	1994	0.016
12128000	Thornton Creek near Seattle, Washington	1995	0.010
12128000	Thornton Creek near Seattle, Washington	1996	0.005
12128000	Thornton Creek near Seattle, Washington	1997	0.023
12128000	Thornton Creek near Seattle, Washington	1998	0.008
12128000	Thornton Creek near Seattle, Washington	1999	0.008
12213140	Nooksack River at Brennan, Washington	1992	2.095
12213140	Nooksack River at Brennan, Washington	1993	0.636
12213140	Nooksack River at Brennan, Washington	1994	3.576
12213140	Nooksack River at Brennan, Washington	1995	0.941
12213140	Nooksack River at Brennan, Washington	1996	0.981
12213140	Nooksack River at Brennan, Washington	1997	2.549
12213140	Nooksack River at Brennan, Washington	1998	1.706
12213140	Nooksack River at Brennan, Washington	1999	2.041
12464770	Crab Creek at Marcellus Road near Ritzville, Washington	1992	0.563
12464770	Crab Creek at Marcellus Road near Ritzville, Washington	1993	0.029

Appendix: Table A1. Annual atrazine-use intensity estimates for watersheds used to develop the Watershed Regressions for Pesticides model, 1992 through 1999.—Continued[kg/km², kilogram per square kilometer; —, no estimate]

Station ID	Station name	Year	Watershed atrazine-use intensity (kg/km ²)
12464770	Crab Creek at Marcellus Road near Ritzville, Washington	1994	0.015
12464770	Crab Creek at Marcellus Road near Ritzville, Washington	1995	0.320
12464770	Crab Creek at Marcellus Road near Ritzville, Washington	1996	0.024
12464770	Crab Creek at Marcellus Road near Ritzville, Washington	1997	0.096
12464770	Crab Creek at Marcellus Road near Ritzville, Washington	1998	0.032
12464770	Crab Creek at Marcellus Road near Ritzville, Washington	1999	0.013
12472380	Crab Creek Lateral above Royal Lake near Othello, Washington	1992	3.289
12472380	Crab Creek Lateral above Royal Lake near Othello, Washington	1993	1.500
12472380	Crab Creek Lateral above Royal Lake near Othello, Washington	1994	1.084
12472380	Crab Creek Lateral above Royal Lake near Othello, Washington	1995	6.503
12472380	Crab Creek Lateral above Royal Lake near Othello, Washington	1996	1.840
12472380	Crab Creek Lateral above Royal Lake near Othello, Washington	1997	3.517
12472380	Crab Creek Lateral above Royal Lake near Othello, Washington	1998	2.988
12472380	Crab Creek Lateral above Royal Lake near Othello, Washington	1999	0.452
12473740	El 68 D Wasteway near Othello, Washington	1992	0.644
12473740	El 68 D Wasteway near Othello, Washington	1993	0.344
12473740	El 68 D Wasteway near Othello, Washington	1994	0.227
12473740	El 68 D Wasteway near Othello, Washington	1995	1.098
12473740	El 68 D Wasteway near Othello, Washington	1996	0.264
12473740	El 68 D Wasteway near Othello, Washington	1997	0.352
12473740	El 68 D Wasteway near Othello, Washington	1998	0.399
12473740	El 68 D Wasteway near Othello, Washington	1999	0.135
13055000	Teton River near St. Anthony, Idaho	1992	0.061
13055000	Teton River near St. Anthony, Idaho	1993	0.009
13055000	Teton River near St. Anthony, Idaho	1994	0.024
13055000	Teton River near St. Anthony, Idaho	1995	0.016
13055000	Teton River near St. Anthony, Idaho	1996	0.011
13055000	Teton River near St. Anthony, Idaho	1997	0.011
13055000	Teton River near St. Anthony, Idaho	1998	0.079
13055000	Teton River near St. Anthony, Idaho	1999	0.014
13092747	Rock Creek above Highway 30/93 Crossing at Twin Falls, Idaho	1992	0.496
13092747	Rock Creek above Highway 30/93 Crossing at Twin Falls, Idaho	1993	0.110
13092747	Rock Creek above Highway 30/93 Crossing at Twin Falls, Idaho	1994	0.070
13092747	Rock Creek above Highway 30/93 Crossing at Twin Falls, Idaho	1995	0.442
13092747	Rock Creek above Highway 30/93 Crossing at Twin Falls, Idaho	1996	0.061
13092747	Rock Creek above Highway 30/93 Crossing at Twin Falls, Idaho	1997	0.012
13092747	Rock Creek above Highway 30/93 Crossing at Twin Falls, Idaho	1998	0.287
13092747	Rock Creek above Highway 30/93 Crossing at Twin Falls, Idaho	1999	0.056
13351000	Palouse River at Hooper, Washington	1992	0.019
13351000	Palouse River at Hooper, Washington	1993	0.042

Appendix: Table A1. Annual atrazine-use intensity estimates for watersheds used to develop the Watershed Regressions for Pesticides model, 1992 through 1999.—Continued[kg/km², kilogram per square kilometer; —, no estimate]

Station ID	Station name	Year	Watershed atrazine-use intensity (kg/km ²)
13351000	Palouse River at Hooper, Washington	1994	0.163
13351000	Palouse River at Hooper, Washington	1995	0.493
13351000	Palouse River at Hooper, Washington	1996	0.005
13351000	Palouse River at Hooper, Washington	1997	0.143
13351000	Palouse River at Hooper, Washington	1998	0.030
13351000	Palouse River at Hooper, Washington	1999	0.004
13353200	Snake River at Burbank, Washington	1992	0.086
13353200	Snake River at Burbank, Washington	1993	0.029
13353200	Snake River at Burbank, Washington	1994	0.044
13353200	Snake River at Burbank, Washington	1995	0.091
13353200	Snake River at Burbank, Washington	1996	0.019
13353200	Snake River at Burbank, Washington	1997	0.030
13353200	Snake River at Burbank, Washington	1998	0.117
13353200	Snake River at Burbank, Washington	1999	0.043
094196783	Las Vegas Wash below Flamingo Wash Conf. near Las Vegas, Nevada	1992	0.000
094196783	Las Vegas Wash below Flamingo Wash Conf. near Las Vegas, Nevada	1993	0.000
094196783	Las Vegas Wash below Flamingo Wash Conf. near Las Vegas, Nevada	1994	0.000
094196783	Las Vegas Wash below Flamingo Wash Conf. near Las Vegas, Nevada	1996	0.001
094196783	Las Vegas Wash below Flamingo Wash Conf. near Las Vegas, Nevada	1997	0.000
094196783	Las Vegas Wash below Flamingo Wash Conf. near Las Vegas, Nevada	1998	0.000
094196783	Las Vegas Wash below Flamingo Wash Conf. near Las Vegas, Nevada	1999	0.000
0242354750	Cahaba Valley Creek at Cross Creek Road at Pelham, Alabama	1992	0.175
0242354750	Cahaba Valley Creek at Cross Creek Road at Pelham, Alabama	1993	0.315
0242354750	Cahaba Valley Creek at Cross Creek Road at Pelham, Alabama	1994	0.072
0242354750	Cahaba Valley Creek at Cross Creek Road at Pelham, Alabama	1995	0.352
0242354750	Cahaba Valley Creek at Cross Creek Road at Pelham, Alabama	1996	0.908
0242354750	Cahaba Valley Creek at Cross Creek Road at Pelham, Alabama	1997	0.052
0242354750	Cahaba Valley Creek at Cross Creek Road at Pelham, Alabama	1998	0.763
0242354750	Cahaba Valley Creek at Cross Creek Road at Pelham, Alabama	1999	0.216
0357479650	Hester Creek at Buddy Williamsom Road near Plevana, Alabama	1992	17.103
0357479650	Hester Creek at Buddy Williamsom Road near Plevana, Alabama	1993	21.987
0357479650	Hester Creek at Buddy Williamsom Road near Plevana, Alabama	1994	47.448
0357479650	Hester Creek at Buddy Williamsom Road near Plevana, Alabama	1995	12.789
0357479650	Hester Creek at Buddy Williamsom Road near Plevana, Alabama	1996	15.124
0357479650	Hester Creek at Buddy Williamsom Road near Plevana, Alabama	1997	8.414
0357479650	Hester Creek at Buddy Williamsom Road near Plevana, Alabama	1998	15.146
0357479650	Hester Creek at Buddy Williamsom Road near Plevana, Alabama	1999	11.915
252414080333200	C-111 Canalfeet above S-177 near Homestead, Florida	1992	1.028
252414080333200	C-111 Canalfeet above S-177 near Homestead, Florida	1993	2.422
252414080333200	C-111 Canalfeet above S-177 near Homestead, Florida	1994	3.948

Appendix: Table A1. Annual atrazine-use intensity estimates for watersheds used to develop the Watershed Regressions for Pesticides model, 1992 through 1999.—Continued[kg/km², kilogram per square kilometer; —, no estimate]

Station ID	Station name	Year	Watershed atrazine-use intensity (kg/km ²)
252414080333200	C-111 Canalfeet above S-177 near Homestead, Florida	1995	6.031
252414080333200	C-111 Canalfeet above S-177 near Homestead, Florida	1996	2.906
252414080333200	C-111 Canalfeet above S-177 near Homestead, Florida	1997	4.005
252414080333200	C-111 Canalfeet above S-177 near Homestead, Florida	1998	7.581
252414080333200	C-111 Canalfeet above S-177 near Homestead, Florida	1999	6.994
294349094345999	East Fork Double Bayou at Sykes Road near Anahuac, Texas	1992	1.031
294349094345999	East Fork Double Bayou at Sykes Road near Anahuac, Texas	1993	1.078
294349094345999	East Fork Double Bayou at Sykes Road near Anahuac, Texas	1994	1.024
294349094345999	East Fork Double Bayou at Sykes Road near Anahuac, Texas	1995	8.067
294349094345999	East Fork Double Bayou at Sykes Road near Anahuac, Texas	1996	9.972
294349094345999	East Fork Double Bayou at Sykes Road near Anahuac, Texas	1997	4.025
294349094345999	East Fork Double Bayou at Sykes Road near Anahuac, Texas	1998	8.114
294349094345999	East Fork Double Bayou at Sykes Road near Anahuac, Texas	1999	3.368
295001094384699	Whites Bayou at Highway 61 near Anahuac, Texas	1992	0.360
295001094384699	Whites Bayou at Highway 61 near Anahuac, Texas	1993	0.468
295001094384699	Whites Bayou at Highway 61 near Anahuac, Texas	1994	0.452
295001094384699	Whites Bayou at Highway 61 near Anahuac, Texas	1995	2.799
295001094384699	Whites Bayou at Highway 61 near Anahuac, Texas	1996	2.949
295001094384699	Whites Bayou at Highway 61 near Anahuac, Texas	1997	1.380
295001094384699	Whites Bayou at Highway 61 near Anahuac, Texas	1998	2.300
295001094384699	Whites Bayou at Highway 61 near Anahuac, Texas	1999	0.986
295740094542399	West Prong Old River at Highway 146 near Dayton, Texas	1992	0.761
295740094542399	West Prong Old River at Highway 146 near Dayton, Texas	1993	0.773
295740094542399	West Prong Old River at Highway 146 near Dayton, Texas	1994	1.040
295740094542399	West Prong Old River at Highway 146 near Dayton, Texas	1995	3.204
295740094542399	West Prong Old River at Highway 146 near Dayton, Texas	1996	22.299
295740094542399	West Prong Old River at Highway 146 near Dayton, Texas	1997	2.043
295740094542399	West Prong Old River at Highway 146 near Dayton, Texas	1998	17.622
295740094542399	West Prong Old River at Highway 146 near Dayton, Texas	1999	10.860
385234087071801	White River at Highway 58 near Elnora, Indiana	1992	31.410
385234087071801	White River at Highway 58 near Elnora, Indiana	1993	28.830
385234087071801	White River at Highway 58 near Elnora, Indiana	1994	35.473
385234087071801	White River at Highway 58 near Elnora, Indiana	1995	26.678
385234087071801	White River at Highway 58 near Elnora, Indiana	1996	22.653
385234087071801	White River at Highway 58 near Elnora, Indiana	1997	28.669

Appendix: Table A1. Annual atrazine-use intensity estimates for watersheds used to develop the Watershed Regressions for Pesticides model, 1992 through 1999.—Continued[kg/km², kilogram per square kilometer; —, no estimate]

Station ID	Station name	Year	Watershed atrazine-use intensity (kg/km ²)
385234087071801	White River at Highway 58 near Elnora, Indiana	1998	31.344
385234087071801	White River at Highway 58 near Elnora, Indiana	1999	31.490
393944084120700	Holes Creek in Huffman Park at Kettering, Ohio	1992	8.443
393944084120700	Holes Creek in Huffman Park at Kettering, Ohio	1993	8.031
393944084120700	Holes Creek in Huffman Park at Kettering, Ohio	1994	12.293
393944084120700	Holes Creek in Huffman Park at Kettering, Ohio	1995	8.200
393944084120700	Holes Creek in Huffman Park at Kettering, Ohio	1996	9.263
393944084120700	Holes Creek in Huffman Park at Kettering, Ohio	1997	12.339
393944084120700	Holes Creek in Huffman Park at Kettering, Ohio	1998	5.671
393944084120700	Holes Creek in Huffman Park at Kettering, Ohio	1999	8.445
394340085524601	Sugar Creek at County Road 400 South at New Palestine, Indiana	1992	44.117
394340085524601	Sugar Creek at County Road 400 South at New Palestine, Indiana	1993	47.388
394340085524601	Sugar Creek at County Road 400 South at New Palestine, Indiana	1994	51.338
394340085524601	Sugar Creek at County Road 400 South at New Palestine, Indiana	1995	43.447
394340085524601	Sugar Creek at County Road 400 South at New Palestine, Indiana	1996	37.175
394340085524601	Sugar Creek at County Road 400 South at New Palestine, Indiana	1997	49.991
394340085524601	Sugar Creek at County Road 400 South at New Palestine, Indiana	1998	56.014
394340085524601	Sugar Creek at County Road 400 South at New Palestine, Indiana	1999	56.233