

# ROAD EQUIPMENT PROCUREMENT AND UTILIZATION STUDY

CTRE Project 01-101

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Final Report • October 2002

# Road Equipment Procurement and Utilization Study

## Abstract

This study has investigated the procurement and use of construction and maintenance equipment owned or leased by public entities in Iowa that receive road use tax moneys. The findings are provided as a basis for the Iowa Department of Transportation's recommendation to the Iowa General Assembly as required by 2001 Iowa Acts, chapter 32, section 12, subsection 2.

An equipment list was the foundation of a fill-in-the-box survey that collected information regarding number of pieces purchased or leased, procurement method, and percentage of use for maintenance and construction. Both paper and electronic versions of the survey were sent to a total of 378 entities that receive road use tax moneys: all counties in Iowa, all cities in Iowa with populations greater than 5,000, all cities in Iowa with populations between 2,000–5,000, a sample of cities in Iowa with populations less than 2,000, and state agencies including the Iowa Board of Regents institutions, Iowa Department of Natural Resources, Iowa DOT, and all state correctional facilities.

Most of the equipment subject to the survey was purchased rather than leased (99% versus 1%). Procurement policies vary depending on the responding entity. A formal bidding procedure is typically used for larger agencies such as cities with populations greater than 5,000 and the Iowa DOT. Smaller cities tend to purchase equipment used. Results reveal most of the purchased equipment is used for maintenance (94.1%) rather than for construction (5.9%). Most agencies used their equipment with utilization rates around 80% on average. Small cities appear to underutilize equipment, with utilization rates averaging 42%.

Recommendations based on the study results are provided to enhance the procurement process for entities receiving road use tax funds. In order to encourage equipment sharing between agencies, a list of an agency's equipment could be made available so that other organizations could have access. Procurement policies could also be modified such that equipment is selected based on the lowest life-cycle cost as opposed to the lowest initial bid price.

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The opinions, findings, and conclusions expressed in this publication are those of the authors and not necessarily those of the Iowa Department of Transportation.

CTRE's mission is to develop and implement innovative methods, materials, and technologies for improving transportation efficiency, safety, and reliability while improving the learning environment of students, faculty, and staff in transportation-related fields.

# ROAD EQUIPMENT PROCUREMENT AND UTILIZATION STUDY

CTRE Project 01-101

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The advisory committee members were very helpful in providing guidance on the survey instrument. The advisory committee consisted of the following people:

- Carol Coates, Iowa Department of Transportation
- Larry Jesse, Iowa Department of Transportation (Committee Chair)
- John Klostermann, City of Dubuque
- Larry Mattusch, Scott County
- Dwayne McAninch, McAninch Corporation

We thank Ali Kamyab at the Center for Transportation Research and Education for his assistance in preparing the electronic version of the survey. We also appreciate the dedication of Ben Johansen, Erik Johansen, and Zhili Gao who helped collect the data and enter them into the spreadsheet and ensure that the numbers were accurate.

Thanks to Elizabeth Baird of the Iowa Department of Transportation for her careful review of the report.

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## EXECUTIVE SUMMARY

This study has investigated the procurement and use of construction and maintenance equipment owned or leased by public entities in Iowa that receive road use tax moneys. The findings are provided as a basis for the Iowa Department of Transportation's recommendation to the Iowa General Assembly as required by 2001 Iowa Acts, chapter 32, section 12, subsection 2 (House File 324, 2001 session). This legislation states that "The department shall review the highway and street construction and maintenance equipment procurement policies and the use of such equipment by all entities receiving road use tax fund moneys. The department shall report its findings, and any recommendations regarding potential efficiencies and cost savings in the procurement and use of such equipment, to the general assembly by December 31, 2002. The department shall consult with public and private entities in reviewing the procurement policies and use of equipment and in formulating the department's recommendations."

An oversight committee was established composed of Iowa DOT staff, a representative of the Associated General Contractors of Iowa, a city representative, a county representative, and others as suggested by the core group. This oversight committee was used to test for sensitive issues, review the survey instrument, and provide guidance on the project.

As a first step in survey instrument development, a list of motorized and non-motorized equipment valued at \$5,000 or more was prepared. Functionally similar pieces of equipment were grouped into categories to keep the list as short as possible. The equipment list was the foundation of a fill-in-the-box survey that collected information regarding

- number of pieces of equipment purchased or leased
- procurement method
- normal procurement cycle
- percentage of use for maintenance and construction
- open-ended questions and comments as desired by the committee

The survey was pretested by a combination of five city, county, and state department of transportation representatives. Both paper and electronic versions of the survey were sent to a total of 378 entities that receive road use tax moneys:

- all counties in Iowa (99)
- all cities in Iowa with populations greater than 5,000 (89)
- all cities in Iowa with populations between 2,000–5,000 (78)
- a sample of cities in Iowa with populations less than 2,000 (This category included 798 cities. Researchers decided to select 100 of the cities using a random sampling approach.)
- state agencies that receive road use tax moneys, including the Iowa Board of Regents institutions (one survey covered all state universities), Iowa Department of Natural Resources, Iowa DOT, and all state correctional facilities (12)

A total of 246 surveys were received, representing a 65% response rate. Survey data were entered into a spreadsheet and analyzed using appropriate statistical methods.

Most of the equipment subject to the survey was purchased rather than leased (99% versus 1%). Procurement policies vary depending on the responding entity. A formal bidding procedure is typically used for larger agencies such as cities with populations greater than 5,000 and the Iowa DOT. Direct purchase was also a popular method of purchase for most of the responding entities. Smaller cities tend to purchase equipment used. Leasing characteristics also vary depending on the entity. Larger cities (with populations greater than 5,000) typically entered into long-term contracts with a maintenance agreement. The Iowa DOT and state correction facilities typically used short-term leasing arrangements (less than six months).

Results reveal most of the purchased equipment is used for maintenance (94.1%) rather than for construction (5.9%). Equipment used primarily for construction purposes included road mixers, asphalt pavers, water tank attachments, and road rating machines.

Although the research team did not receive a substantial amount of data related to equipment utilization efficiency, most agencies used their equipment with utilization rates around 80% on average. Small cities (with populations less than 2,000) appear to underutilize equipment, with utilization rates averaging 42%.

Respondent comments provided information regarding suggestions for procurement procedures. In particular, it was mentioned that low bid is not always the best approach and equipment sharing is a suitable approach when equipment is not used very much.

A few recommendations based on the study results are provided to enhance the procurement process for entities receiving road use tax funds. In order to encourage equipment sharing between agencies, a list of an agency's equipment could be made available so that other organizations could have access. This could help increase the equipment utilization rates of all organizations. Procurement policies could also be modified such that equipment is selected based on the lowest life-cycle cost as opposed to the lowest initial bid price.



## **INTRODUCTION**

2001 Iowa Acts, chapter 32, section 12, subsection 2 (House File 324, 2001 session) states that the Iowa Department of Transportation (Iowa DOT) shall review the use of construction and maintenance equipment owned or leased by public entities that receive road use tax moneys in Iowa, and provide a recommendation for improved efficiency to the Iowa General Assembly.

The Iowa DOT retained the Center for Transportation Research and Education (CTRE) at Iowa State University to conduct a survey on construction and maintenance equipment procurement and use in Iowa and report the results. The study report provides a sample listing of equipment owned by cities, counties, and other government institutions that receive road use tax fund moneys, a description of the equipment's use (construction versus maintenance), and information on equipment procurement practices and policies.

### **Summary of Legislation**

2001 Iowa Acts, chapter 32, section 12, subsection 1 requires the Iowa DOT to define the terms "construction," "reconstruction," "improvement," and "repair or maintenance." This has been done (see Appendix A), and the definitions will be used in the work specified by subsection 2.

2001 Iowa Acts, chapter 32, section 12, subsection 2 states the following: "The department shall review the highway and street construction and maintenance equipment procurement policies and the use of such equipment by all entities receiving road use tax fund moneys. The department shall report its findings, and any recommendations regarding potential efficiencies and cost savings in the procurement and use of such equipment, to the general assembly by December 31, 2002. The department shall consult with public and private entities in reviewing the procurement policies and use of equipment and in formulating the department's recommendations."

### **Initial Project Meeting**

An initial project meeting was held on October 9, 2001, to discuss the need to review highway and street construction and maintenance equipment procurement policies as outlined by 2001 Iowa Acts, chapter 32, section 12, subsection 2. Attendees included

- John Adam, Iowa DOT
- Steve Andrie, CTRE
- Elizabeth Baird, Iowa DOT
- Carol Coates, Iowa DOT
- Ed Jaselskis, CTRE/Iowa State University
- Larry Jesse, Iowa DOT
- Kevin Mahoney, Iowa DOT

The meeting was beneficial because it helped identify important considerations for the study and provided needed information to define the scope of work.

## **Scope of Work**

The project's scope of work consisted of five tasks:

1. Establish an oversight committee composed of Iowa DOT staff, a representative of the Associated General Contractors (AGC) of Iowa, a city representative, a county representative, and others as suggested by the core group. This oversight committee will be used to test for sensitive issues, review the survey instrument, and provide guidance on the project.
2. Prepare a survey including a list of motorized equipment valued at \$5,000 or greater. Functionally similar pieces of equipment will be grouped into categories to keep the list as short as possible. Send the survey to a representative sample of Iowa transportation agencies that receive road use tax funds.
3. Enter survey results data into a database for analysis. Analyze data and represent results using appropriate tables illustrating the percent of use of each type of equipment for maintenance and construction, whether leased or owned, and how procured.
4. Prepare and submit a draft final report to the study committee for review. Following review of the draft report, submit a final version.
5. Support Iowa DOT staff as needed in preparing a presentation to the Iowa General Assembly.

## **Advisory Committee**

The advisory committee was formed of the following members:

- Carol Coates, Iowa DOT
- Larry Jesse, Iowa DOT (Committee Chair)
- John Klostermann, City of Dubuque
- Larry Mattusch, Scott County
- Dwayne McAninch, McAninch Corporation

## **Deliverables**

The project deliverables are

- paper and electronic survey instrument
- data files
- 25 copies of a draft final report
- 25 copies of a final report

## **SURVEY DEVELOPMENT**

### **Drafting the Survey**

An equipment list was the foundation of the fill-in-the-box survey instrument. The survey asked at least the following questions about each equipment category:

- number of pieces leased or purchased
- percentage of use for maintenance and construction
- procurement method
- normal procurement cycle
- open-ended questions and comments as desired by the committee

An advisory committee meeting was held (on December 10, 2001) to review a draft copy of the survey. The committee reviewed the survey to ensure that the proposed approach satisfied the legislative intent. The overall survey instrument was reviewed along with the equipment categories and proposed collection and analysis methodologies. Several substantive comments were received from the advisory committee. As a result of this meeting, several corrections were made to the survey instrument. There was also discussion regarding the survey respondents.

### **Description of the Final Survey**

Both paper and electronic survey instruments were designed. The final version of the survey (see Appendix B) contained survey definitions, survey instructions, a worksheet for determining percents of use and worksheet instructions, and a three part equipment survey as described in more detail below.

#### *Survey Definitions*

The following terms, used in the survey, were defined for the respondents as follows:

“Equipment” is defined as self-propelled equipment and non-self propelled equipment (not including snow and ice control equipment or truck bodies) with a purchase or replacement value of more than \$5,000. (It was also possible for respondents to add equipment that was not listed.)

“Maintenance” is the preservation of a road, street, bridge, or culvert so that it is in sound or proper condition. For purposes of the survey, maintenance included minor repair, replacements, and additions necessary to restore the road, street, bridge, or culvert to its originally built condition with essentially the same design, and removal of snow and ice from roadways and other winter maintenance activities.

“Construction” includes improvement, reconstruction, or new construction of a road, street, bridge, or culvert. For purposes of this study, construction included

- work that increases the value of the facility and enhances the facility, its traffic operations, or its safety beyond the original design and may involve rehabilitation, restoration, or resurfacing (3R) type projects;
- work that significantly changes the existing type of road, street, bridge, or culvert or its geometric and structural features and may involve some realignment and use of current design criteria; and
- the building or development of a road, street, bridge, or culvert in a new location when the new location deviates substantially from the existing alignment and the result is an entirely new road or street for the greater part of the length involved.

“Equipment equivalent” is the number of pieces of equipment in use. For example, a grader’s time can be allocated such that 0.75 “equipment equivalents” are used for maintenance and 0.25 “equipment equivalents” are used for construction during a specified season.

### *Survey Instructions*

A detailed list of instructions was provided to assist the completion of each portion of the survey.

### *Worksheet for Determining Percents of Use and Worksheet Instructions*

A worksheet, along with an example, was included for determining the percents of use.

### *Equipment Survey Part 1: Equipment Procurement and Use Information*

A list of equipment was identified from several sources. A primary source was an Iowa DOT report related to fleet management assessment (Griffith and Associates 1997). The report is the result of an independent review of the state’s fleet operations in response to the Governor’s Blue Ribbon Task Force report that identified potential cost savings opportunities in the management of the state’s fleet of vehicles and equipment. The document presents an assessment identifying the strengths and weaknesses in several functional areas of fleet management, and offers recommendations to advance fleet performance. Self-propelled (“A”) and non-self-propelled (“B”) equipment classes used by the Iowa DOT were also reviewed by the research team (Iowa DOT 2001c and Iowa DOT 2001b, respectively). In addition, a schedule of equipment rates from the Federal Emergency Management Agency (FEMA) was also consulted (FEMA 1998).

In Part 1 of the survey, respondents were asked to identify equipment owned in 2001. As part of the instructions, respondents were advised of the following procurement definitions:

- “Formal bid” is new equipment purchased through a formal bidding process in which specifications were issued and competitive bids were formally received and opened.
- “Direct purchase” is new equipment purchased without going through a bidding process. Informal price quotations may have been requested or new equipment purchased from a typical supplier.
- “Existing contract” means new equipment was purchased through state contract or other cooperative volume purchase arrangement.
- “Purchased used” is used equipment purchased directly or at auction.

Respondents were also asked to identify leased equipment in 2001. They had to enter the number of pieces (a) leased for more than six months with a maintenance contract, (b) leased for more than six months with no maintenance contract, and (c) rented for six months or less.

### *Equipment Survey Part 2: Innovative Suggestions or Good Practices for Equipment Procurement and Use*

A space was provided for suggestions regarding innovative and/or good equipment procurement and use practices.

### *Equipment Survey Part 3: Respondent Information*

The form asked for respondent name, title and organization, and contact information.

## **Survey Pretest and Refinement**

The paper survey was pretested by five individuals representing various transportation agencies as follows:

- Tom Donahey, Iowa DOT
- Jim George, Dallas County
- Brett Hodne, City of West Des Moines
- Randy Krauel, City of Carroll
- Wade Weiss, Green County

The pretesters generally thought the survey was appropriate and was clear and relatively straightforward to complete. One pretester mentioned that it seemed long and included too much detail regarding the type of equipment. As a result of the pretest, the researchers made a few enhancements to the survey. One change was to “lock” certain columns where calculations were made, whereas the original version allowed respondents to erase equations in the spreadsheet. A reminder to respondents to save an extra copy in case something happened to the disk in the mail was also added.

## **DATA COLLECTION AND ANALYSIS METHODS**

### **Data Collection**

On January 28, 2002, 378 surveys were distributed to the following entities that receive road use tax funds:

- all counties in Iowa (99)
- all cities in Iowa with populations greater than 5,000 (89)
- all cities in Iowa with populations between 2,000–5,000 (78)

- a sample of cities in Iowa with populations less than 2,000 (This category included 798 cities. Researchers decided to select 100 of the cities using a random sampling approach.)
- state agencies that receive road use tax moneys, including
  - Iowa Board of Regents institutions (one survey covered all state universities)
  - Iowa Department of Natural Resources (Iowa DNR) (1)
  - Iowa DOT (1)
  - all state correctional facilities (9)

All recipients received a mail version with a cover letter signed by the director of the Iowa DOT (see Appendix B). For convenience, a Microsoft Excel spreadsheet with the questions was also e-mailed to the respondents so that they could complete the survey electronically if preferred.

Several respondents requested clarification on some points related to inclusion of snow removal equipment and equipment included as part of this study. Snow removal equipment was to be included to the extent that the truck body, for example, was used for maintenance or construction. The research team also provided clarification regarding equipment of interest in this study by stating that we were interested in equipment that was purchased using road use tax moneys, in part or whole.

By the end of March 2002, the research team had received approximately 150 completed surveys. A reminder card was sent out soon thereafter to encourage people to complete the survey. Some people claimed that they had not received the survey or had lost it. In either case, we resent the survey to them. By the middle of June 2002, a total of 246 surveys were received. Some clarification was required regarding the responses, and the necessary follow up was initiated. It should be noted that a small number of surveys sent via floppy disk (approximately 16) were damaged. The research team was able to obtain another version of the survey from some but not all of these respondents.

### **Data Analysis**

All data were entered into a common Microsoft Excel spreadsheet prior to the data analysis phase. Data from the paper surveys were manually entered, and information from the electronic surveys was imported using software commands. Once these data were completely entered into the spreadsheet, it was necessary to “clean up” the database by correcting obvious transcription errors. In some cases, clarification was required and respondents were contacted to obtain additional information. Appropriate statistical techniques were used to analyze the data; these included calculating averages and percentages and performing data counts.

## RESULTS

Results from the data analysis are provided in this section (Appendix C contains the data file).

### Respondent Information

Table 1 shows the survey response characteristics. Of the 378 surveys sent out, 246 were returned, representing a 65% response rate. Note that counties and cities with populations less than 2,000 had the highest percentage response rates (74% and 73%, respectively) of the cities/counties surveyed. Cities in the 2,000–5,000 population range had the lowest response rate (36%). Note also that two respondents failed to provide their organization affiliation.

**Table 1. Number of Survey Responses**

Respondent	Number of Surveys Sent	Number of Surveys Received	Response Rate
Cities > 5,000	89	55	62%
Cities 2,000–5,000	78	28	36%
Cities < 2,000	100	73	73%
Counties	99	76	74%
State agencies (Iowa Board of Regents, Iowa DNR, Iowa DOT, state correctional facilities)	12	12	100%
Unidentified respondents	—	2	—
Total	378	246	65%

Most of the respondents for the cities were the directors of public works, city administrators, street superintendents, or city clerks (refer to Tables 2–4). A few surveys in each city classification did not identify the respondent title. It appeared that cities with populations greater than 5,000 had the greatest variety of respondent titles—many of them were simply categorized as “Other” in order to shorten the list for this study.

**Table 2. Respondent Profile for Cities Greater Than 5,000**

Respondent Title	Number	Percent of Total
Director of Public Works	11	20.0%
Street Superintendent	8	14.5%
City Engineer	5	9.0%
City Administrator	3	5.5%
City Clerk	3	5.5%
Public Services Superintendent	3	5.5%
Street Commissioner	2	3.5%
Other	17	31.0%
Unidentified respondent	3	5.5%
Total	55	100.0%

**Table 3. Respondent Profile for Cities 2,000–5,000**

<b>Respondent Title</b>	<b>Number</b>	<b>Percent of Total</b>
Director of Public Works	10	35.7%
City Administrator	4	14.3%
City Clerk	3	10.6%
Street Superintendent	2	7.1%
Building and Grounds Supervisor	1	3.6%
City Engineer	1	3.6%
City Manager	1	3.6%
Director of Public Property	1	3.6%
Mayor	1	3.6%
Street Sanitation Supervisor	1	3.6%
Unidentified respondent	3	10.7%
Total	28	100.0%

**Table 4. Respondent Profile for Cities Less Than 2,000**

<b>Respondent Title</b>	<b>Number</b>	<b>Percent of Total</b>
City Clerk	45	61.6%
Maintenance (superintendent, city, supervisor, municipal)	9	12.4%
Superintendent (municipal, city, public works, street)	8	11.0%
Director of Public Works	5	6.8%
Mayor	5	6.8%
Street Foreman	1	1.4%
Total	73	100.0%

County engineers and their assistants comprised approximately 65% of respondents representing the counties, as shown in Table 5. Note that four of the computer disks were damaged during return mailing and the researchers were unable to obtain another copy of the survey from those counties.

The respondent profiles for the state agencies that received road use tax funds—the Iowa Board of Regents, Iowa DNR, Iowa DOT, and state correctional facilities—are provided in Table 6.



**Table 5. Respondent Profile for Counties**

<b>Respondent Title</b>	<b>Number</b>	<b>Percent of Total</b>
County Engineer	49	64.5%
Assistant to Engineer	8	10.5%
Maintenance Superintendent	6	8.0%
Shop Foreman/Manager	5	7.0%
Inventory Control Supervisor	1	1.0%
Office Manager	1	1.0%
Road Maintenance Supervisor	1	1.0%
Unidentified respondent	5	7.0%
<b>Total</b>	<b>76</b>	<b>100.0%</b>

**Table 6. Respondent Profile for State Agencies**

<b>Agency</b>	<b>Respondent Title</b>
Iowa Board of Regents	Assistant Director, Business and Finance
Iowa DNR	Director
Iowa DOT	Manager, Equipment Services
Anamosa State Penitentiary	Associate Warden
Clarinda Correctional Facility	Assistant Business Manager
Fort Dodge Correctional Facility	Financial Services Manager
Iowa Correctional Facility	Director, Operations Manager
Iowa State Penitentiary	Correctional Trades Leader
Mount Pleasant Correctional Facility	Business Manager
Newton Correctional Facility	Maintenance Repair Supervisor
North Central Correctional Facility	Operations Manager
Oakdale Department of Corrections	Business Manager

**Equipment Purchasing Characteristics**

Table 7 shows the number of equipment pieces purchased or leased. Note that a small percentage of respondents did not specify the method of acquisition (refer to cities greater than 5,000 and counties). For the most part, equipment is purchased by all the responding organizations with a small percentage associated with leasing. All respondents reported that approximately 99% of their equipment is purchased as opposed to leased. A breakdown is provided for each of the organization categories. It is interesting to note that the Iowa Board of Regents and Iowa DNR stated that they did not use road use tax funds to purchase equipment; the Iowa Board of Regents and Iowa DNR survey responses are therefore not included in the remaining discussion and tables.

**Table 7. Number of Pieces of Equipment Purchased or Leased**

<b>Respondent Type</b>	<b>Number Purchased (Percent of Total)</b>	<b>Number Leased (Percent of Total)</b>	<b>Number Unspecified (Percent of Total)</b>	<b>Total</b>
All entities surveyed	9,094 (98.7%)	98 (1.1%)	25 (0.20%)	9,217
Cities > 5,000	1,558 (96.9%)	25 (1.6%)	24 (1.5%)	1,607
Cities 2,000–5,000	320 (99.07%)	3 (0.93%)	0 (0.0%)	323
Cities < 2,000	209 (100%)	0 (0.0%)	0 (0.0%)	209
Counties	4,218 (99.4%)	24 (0.57%)	1 (0.03%)	4,243
Iowa DOT	2,719 (98.4%)	43 (0.6%)	0 (0.0%)	2,762
State correctional facilities	29 (96.7%)	1 (0.3%)	0 (0.0%)	30

Table 8 reveals the method for purchasing the equipment. For the most part, equipment is purchased through a formal bidding process (as indicated by 70.4% of all respondents). Approximately 16% is purchased using a direct purchase approach. It appears that smaller entities such as cities with populations less than 2,000 and correctional facilities purchase a large percentage of their equipment used. This seems like a reasonable approach since their budgets are most likely smaller for equipment procurement.

**Table 8. Procurement Method for Purchasing Equipment**

<b>Respondent Type</b>	<b>Formal Bid</b>	<b>Direct Purchase</b>	<b>Existing Contract</b>	<b>Purchased Used</b>	<b>Unspecified</b>
All entities surveyed	70.4%	15.5%	4.6%	8.2%	1.3%
Cities > 5,000	76.9%	9.2%	2.9%	9.0%	2.0%
Cities 2,000–5,000	48.4%	22.8%	0.0%	26.6%	2.2%
Cities < 2,000	16.7%	37.3%	0.0%	38.8%	7.2%
Counties	61.4%	26.1%	1.3%	9.8%	1.4%
Iowa DOT	87.6%	0.2%	11.8%	0.4%	0.0%
State correctional facilities	44.8%	3.5%	0.0%	51.7%	0.0%

Table 9 shows the procurement methods for leasing equipment. Most of the equipment (58.2%) is leased on a short-term (less than six months) basis. Approximately 28% of those leasing do so with a long-term no maintenance agreement. It is interesting to note that 88% of the cities with populations greater than 5,000 leased equipment with a long-term maintenance agreement. This is probably due to the extensive use requirements for the equipment.

**Table 9. Procurement Method for Leasing Equipment**

<b>Respondent Type</b>	<b>Short Term</b>	<b>Long Term with Maintenance Agreement</b>	<b>Long Term, No Maintenance Agreement</b>	<b>Unspecified</b>
All entities surveyed	58.2%	7.1%	27.6%	7.1%
Cities > 5,000	0.0%	88.0%	12.0%	0.0%
Cities 2,000–5,000	0.0%	0.0%	100.0%	0.0%
Cities < 2,000	0.0%	0.0%	0.0%	0.0%
Counties	37.5%	25.0%	8.3%	29.2%
Iowa DOT	100.0%	0.0%	0.0%	0.0%
State correctional facilities	100.0%	0.0%	0.0%	0.0%

### **Equipment Types Used**

Tables 10–15 show equipment profile distributions for all respondents by their respective organization. An important point to make is that these results do not constitute a complete inventory of equipment owned by all transportation entities using road use tax funds—this is merely a survey.

Note that the three most common pieces of equipment for cities with populations over 5,000 are the single-axle dump body trucks, 2 cy+ wheel loaders, and 125-200 CFM air compressors. It is interesting to note that the >135 HP motor grader was the most commonly owned piece of equipment for the counties, followed by the single-axle dump body truck.

Equipment below one percent is listed below each profile distribution table. Four cities with populations 2,000–5,000 did not purchase any equipment using road use tax funds; 29 cities with populations less than 2,000 in population had no equipment purchased using road use tax funds.

**Table 10. Owned Equipment Distribution for Cities Greater Than 5,000**

<b>Type of Equipment</b>	<b>Percent Owned</b>
Single Axle Dump Body	24.5%
Wheel Loader, 2 cy +	4.0%
Air Compressor, 125-200 CFM	3.7%
Tandem Axle Dump Body	3.5%
Motor Grader, >135 HP	3.5%
Tractor Loader-Backhoe	3.3%
Concrete Saw	3.3%
Snow Blower Attachment	2.6%
Sweeper, 3 Wheel Mechanical	2.6%
Single Axle Flatbed	2.4%
Skid Steer Loader, Wheel or Track	2.4%
Motor Grader, 135 HP or less	2.3%
Breaker Pavement, Attachment	2.3%
Mowing Tractor, <45 HP	2.1%
Drum Roller, 40-67"	2.1%
Brush Chipper	2.1%
Water Truck	1.8%
Sweeper, 4 Wheel Air	1.7%
Crack Filler	1.6%
Washer, Hi-Power Water	1.3%
Platform Boom (High-Reach)	1.2%
Sewer Jet Vacuum (Combination)	1.2%
Centerline Paint Marker	1.1%
Mowing Tractor, 45-65 HP	1.0%
Mowing Tractor, 65+ HP	1.0%
Other*	<1.0%

\* Sewer Jet; Broom Attachment; Low Bed 15 Ton Trailer; Truck-Mounted Bitumen Distributor; Rubber Tire Roller 9 Wheel; Wheel Loader 2 cy or less; Asphalt Main Screed >10 ft; Tractor Loader-Box Blade; Distributor Bitumen; Grapple Attachment Loader; Sweeper Attachment; Fully Equipped Paint Truck; Semi-Tractor; Sweeper 4 Wheel Mechanical; Asphalt Patcher; Milling Head; Leaf Machine; Leaf Boxes; Single Axle Van Body; Rubber Tire Roller 7 Wheel; Self-Propelled Chip Spreader; Single Axle Custom Body; Stump Cutter; Pre-mix Heater; Kettle Bitumen Heater; Hydraulic Wheeled <1 cy; Asphalt Main Screed 10 ft or less; Concrete Main Screed >10 ft; Sheep's Foot Roller 40-67"; Single Axle V Box Spreader; Tail Gate Rollers; Hydraulic Wheeled 2+ cy; Drum Roller 67+"; Integrated Tool Carrier; Loader Crawler 80 HP or less; Air Compressor 200+ CFM; Miller Asphalt Spreader; Tree Spade; Weed Sprayer; Tiller Power Rake; Trailer, Low Bed Semi; Trailer, Van; Tandem Axle flatbed; Hydraulic Crawler 1-2 cy; Sewer Jet Truck; Pulverizer; Oil Distributor; 1-Ton Utility Truck; 1-Ton Flatbed; Bo-Mag Road Reclaimer-Scarifier; Pump, Mud Paddle/Colloidal; Seeder; Boom Mower; Rear Load Garbage Truck Single Axle with Tag; Recycle Truck Single Axle; Trailer Tank, Semi; Hydraulic crawler <1 cy; Sheep's Foot Roller 67"+; Loader Crawler 80+ HP; Cranes; Dozer 150 HP or less; Dozer 150-300 HP; Snow Blower; Trencher; Landall; Equipment Trailer; Crack Router; Cimceal Applicator; Road Mixer; Bucket Truck; Salt Conveyor; Vertical Drill; Hydro-Seeder; Profiler Machine; Mixer; Bitumen Recycler; Roller Attachment; Signal, Speed Sensing Trailer Mtd.; Leaf Vac; Water Tank Attachment; Vac-Con Sewer Jet Vacuum; Trailer, Tandem 12k; Trailer, Tandem 6k; 45' Boom Truck; Ag Gater-Wastewater; Semi Liquid Trailer-Waste Water; Paint Machine; Mosquito Sprayer; Backhoe Loader Mounted; Side Load Garbage Truck; Sidewalk Sweeper; Sewer Jet-Vac Combination; Sewer TV Inspection Unit; Van; Sewer Easement Machine; Shoring; Concrete Screed; Vibratory Platecompactor/Hydraulic; Adams Conveyor Loader; Single Axle Sand Spreader Trucks; 4x4 Pickups.

Leased equipment for cities greater than 5,000 included Wheel Loader 2 cy+, Motor Grader >135 HP, Tractor Loader-Backhoe, Sweeper 3 Wheel Mechanical, Skid Steer Loader, Mowing

Tractor <45 HP, Drum Roller 40-67", Mowing Tractor 65+ HP, Integrated Tool Carrier, and Dozer 150 HP or less.

**Table 11. Owned Equipment Distribution for Cities 2,000–5,000**

<b>Type of Equipment</b>	<b>Percent Owned</b>
Single Axle Dump Body	25.6%
Mowing Tractor, <45 HP	6.3%
Sweeper, 3 Wheel Mechanical	4.4%
Air Compressor, 125-200 CFM	4.4%
Motor Grader, 135 HP or less	3.8%
Wheel Loader, 2 cy+	3.5%
Tractor Loader-Backhoe	3.2%
Skid Steer Loader, Wheel or Track	3.2%
Brush Chipper	2.9%
Concrete Saw	2.9%
Sewer Jet	2.5%
Single Axle Flatbed	2.2%
Mowing Tractor, 45-65 HP	2.2%
Drum Roller, 40-67"	1.9%
Sweeper, 4 Wheel Air	1.9%
Tandem Axle Dump Body	1.6%
Water Truck	1.6%
Wheel Loader, 2 cy or less	1.6%
Motor Grader, >135 HP	1.6%
Pickups	1.6%
Crack Filler	1.6%
Snow Blower Attachment	1.6%
Mowing Tractor, 65+ HP	1.3%
Garbage Trucks	1.3%
Grapple Attachment, Loader	1.3%
Centerline Paint Marker	1.3%
Other*	<1.0%

\* Truck-Mounted Bitumen Slip-in or Trailer; Asphalt Main Screed 10 ft or less; Sheep's Foot Roller 40-67"; Integrated Tool Carrier; Lower Crawler 80 HP or less; Sweeper 4 Wheel Mechanical; Tractors; Backhoe; Mower; Kettle Bitumen Heater; Milling Head; Roller Attachment; Signal Speed Sensing Trailer; Tree Spade; Weed Sprayer; Sweeper Attachment; Tiller Power Rake; Low Bed 15 Ton Trailer; High Power Water Washer; Tractor-Snowplow Blade; Tractor/Blower.

Leased equipment for cities 2,000–5,000 included Motor Grader 135 HP or less, Wheel Loader 2 cy or less, and Integrated Tool Carrier.

**Table 12. Owned Equipment Distribution for Cities Less Than 2,000**

Type of Equipment	Percent Owned
Single Axle Dump Body	28.7%
Mowing Tractor, <45 HP	15.3%
Tractor Loader-Box Blade	6.7%
Motor Grader, 135 HP or less	6.2%
Tractor Loader-Backhoe	5.3%
Sweeper, 3 Wheel Mechanical	4.8%
Wheel Loader, 2 cy +	3.3%
Mowing Tractor, 65+ HP	2.9%
Weed Sprayer	2.9%
Sewer Jet	2.4%
Snow Blower Attachment	2.4%
Single Axle Flatbed	1.9%
Sweeper, 4 Wheel Mechanical	1.9%
Air Compressor, 125-200 CFM	1.4%
Other*	<1.0%

\* Water Truck; Wheel Loader 2 cy or less; Mowing Tractor 45-65 HP; Broom Attachment; Brush Chipper; Salt Conveyor; Crack Filler; High Reach platform Boom; Drum Roller 40-67"; Integrated Tool Carrier; Sweeper 4 Wheel Air Driven; Motor Grader >135 HP; Skid Steer Loader; Backhoe 30 HP; Mower; Tractor-Blade; Heater Pre-mix; Kettle Bitumen Heater; Centerline Paint Marker; Concrete Saw; Sweeper Attachment; High Power Water Washer.

None of the respondents in cities less than 2,000 reported any leased equipment.

**Table 13. Owned Equipment Distribution for Counties**

Type of Equipment	Percent Owned
Motor Grader, >135 HP	19.1%
Single Axle Dump Body	13.0%
Tandem Axle Dump Body	11.2%
Wheel Loader, 2 cy +	4.2%
Mowing Tractor, 65 + HP	3.2%
Mowing Tractor, 45-65 HP	2.5%
Semi-Tractor	2.4%
Pickups	2.3%
Single Axle Flatbed	2.2%
Dozer, 150 HP or less	2.1%
Air Compressor, 125-200 CFM	1.9%
Tractor Loader-Backhoe	1.6%
Trailer, Low Bed Semi	1.6%
Brush Chipper	1.6%
Washer, Hi-Power Water	1.3%
Trailer, Low Bed 15 Ton	1.3%
Motor Grader, 135 HP or less	1.2%
Hydraulic Wheeled, 1-2 cy	1.1%
Snow Blower Attachment	1.1%
Trailer, Belly Dump	1.1%
Other*	<1.0%

\* Hydraulic Crawler 1–2 cy; Broom Attachment; Dozer 150-300 HP; Wheel Loader 2 cy or less; Weed Sprayer; Hydraulic Wheeled < 1 cy; Concrete Saw; Sheep’s Foot Roller 67”+; Hydro-Seeder; Dragline > 1/2 cy;

Shouldering Machine; Driver, Pile or Pipe; Drum Roller 40-67"; Scraper, Rubber Tire Elevating <15 cy; Loader Crawler 80 HP or less; Mowing Tractor <45 HP; Dragline 1/2 cy or less; Cranes; Skid Steer Loader, Wheel or Track; Air Compressor, 200+ CFM; Seeder; Rubber Tire Roller 9 Wheel; Sheep's Foot Roller 40-67"; Tandem Axle Flatbed; Water Truck; Hydraulic Wheeled 2+ cy; Crack Filler; Sweeper Attachment; Truck-Mounted Bitumen Distributor; Breaker Pavement Attachment; Single Axle Van Body; Platform Boom (High-Reach); Hydraulic Crawler <1 cy; Integrated Tool Carrier; Hydraulic Crawler 2+ cy; Loader Crawler 80+ HP; Trailer, Van; Scraper, Rubber Tire Elevating >15 cy; Salt Conveyor; Vertical Drill; Kettle, Bitumen Heater; Heater, Pre-Mix; Asphalt Patcher Machine; Self-Propelled Chip Spreader; Roller Attachment; 14' Tilt Top Trailer; Drum Roller 67+"; Tractor Loader-Box Blade; 4x4 Single Axle; Distributor Bitumen, Slip-in or Trailer; Sewer Jet; Welder Gas Driven; Oshkosh Snow Truck; Rubber Tire Roller 7 Wheel; Sign Truck; Fuel Truck; SUV; Car; End Dump Trailer; Sweeper, 4 Wheel Mechanical; Dozer 300+HP; Bucket Truck; 1-Ton Flatbed; Carry All; Centerline Paint Marker; Milling Head; Pump, Mud Paddle/Colloidal; Pull Scrapers; Trailer Rock Pup; Flex Wing Mower; Sheep's Foot Roller; Drum Roller <40"; Sign Maintenance Truck; Shop Service; Truck w/ Crane; 1-Ton Utility Truck; 1/2 Ton Pickup; Rock Crusher; Side Dump Trailer; Scraper <15 cy; Batwing Mower; Signal Lights w/ Trailer; Rock Retriever; Trailer; Homemade Trailer Pole; Steel Tankers; Forklift; Trailer, Pup; Single Axle, Sign; Truck; Batwing Mower; Bridge Inspection Unit; Asphalt, Main Screed >10 ft; Sweeper, 3 Wheel Mechanical; Sweeper, 4 Wheel Air; Pulverizer/Grinder; Crawler Tractor 450 HP; Concrete Saw 65 HP; Single Axle, Sign Truck; Lift Tractor; Single Axle Truck w/ Hiab Crane; Single Axle - Water/Sprayer; Single Axle - Bridge Crew; Single Axle - Welder; Flatbed Sign Truck w/ Crane; Brush Mower; Spray Truck; S/A Sign Truck with Digger Derrick; Trencher/Loader; 3/4 Ton Flatbed Truck; 3/4 Ton Pickup; 3/4 Ton Window Van; 1/2 Ton Window Van; Cutter, Stump; Mixer, Bitumen Recycler; Pump, Asphalt; Spade, Tree; Trailer-tank; Man Lift; 6" Pump; Distributor Water; Band Saw; Brake Lathe; Trailer 20 Ton; Trailer 25 Ton; Trailer Tanker 2400 Gal.; JD Tractor Model 300; Shoulder Maintainer/Miller; Brush Cutter; Boom Mower; Rotary Mower; Welder/Generator; Mixer; Gang Mower; Lab Trailer (Inspection Lab); Tractor Roller, Rubber Tired; Water Pump; Scraper; Road Scarifier/Mixer; Single Axle Truck, Utility Box, Hydraulic Arm; Single Axle Truck, Utility Box, Winch; Single Axle Spray Truck; Trailer, 5 Ton; Rock Retriever.

Leased equipment for counties included Motor Grader >135 HP, Wheel Loader 2 cy+, Mowing Tractor 65 HP+, Dozer 150 HP or less, Air Compressor 125-200 CFM, Motor Grader 135 HP or less, Hydraulic Wheeled Excavator 1-2 cy, Dragline >0.5 cy, Drum Roller 40-67", Scraper Rubber Tire Elevating, Skid Steer Loader, and Tractor Loader-Box Blade.

**Table 14. Owned Equipment Distribution for the Iowa DOT**

<b>Type of Equipment</b>	<b>Percent Owned</b>
Tandem Axle Dump Body	19.7%
Single Axle Dump Body	17.6%
Mowing Tractor, 65+ HP	6.7%
Trailer, Low Bed 15 Ton	6.1%
Wheel Loader, 2 cy or less	5.4%
Air Compressor, 125-200 CFM	4.2%
Attenuator, Crash Trk Mtd.	3.6%
Weed Sprayer	3.2%
Broom Attachment	3.1%
Roller Attachment	2.7%
Mowing Tractor, <45 HP	2.5%
Motor Grader, 135 HP or less	2.2%
Distributor Bitumen, Slip-in or Trailer	2.0%
Heater, Pre-Mix	1.8%
Snow Blower Attachment	1.3%
Washer, Hi-Power Water	1.3%
Breaker Pavement Attachment	1.1%
Other*	<1.0%

\* Single Axle Flatbed; Tractor Loader-Backhoe; Drum Roller 40–67”; Semi-Tractor Trailer, Low Bed Semi; Skid Steer Loader, Wheel or Track; Machine, Asphalt Patcher; Milling Head; Brush Chipper; Filler, Crack; Pump, Mud Paddle/Colloidal; Saw, Concrete; Single Axle van body; Platform Boom (High-Reach); Loader Crawler 80 HP or less; Fully Equipped Paint Truck; Air Compressor 200+ CFM; Hydraulic Wheeled <1 cy; Vertical Drill; Tandem Axle Flatbed; Salt Conveyor; Signal, Speed Sensing Trailer Mtd.; Trailer, Van; Rubber Tire Roller 9 Wheel; Sweeper, 4 Wheel Mechanical; Bridge Inspection Unit; Hydraulic Crawler <1 cy; Drum Roller 67+”; Wheel Loader 2 cy +; Road Rating Machine; Sweeper Attachment; Asphalt, Main Screed > 10 ft; Dragline 1/2 cy or less; Driver, Pile or Pipe; Grapple Attachment, Loader; Machine, Slurry; Hydro-Seeder; Machine, Gunite; Profiler Machine; Centerline Paint Marker; Asphalt Spreader Miller; Bitumen Recycler Mixer; Asphalt Pump; Tree Spade; Power Rake Tiller; Belly Dump Trailer.

Leased equipment for the Iowa DOT included Mowing Tractor 65+ HP, Drum Roller 40-67”, Drum Roller 67+”, Asphalt Main Screed >10 ft, and Dump Body Trailer.

**Table 15. Owned Equipment Distribution for State Correctional Facilities**

Type of Equipment	Percent Owned
Single Axle Dump Body	15.6%
Single Axle Van Body	12.5%
Mowing Tractor, <45 HP	12.5%
Skid Steer Loader, Wheel or Track	9.4%
Wheel Loader, 2 cy or less	6.3%
Mowing Tractor, 45-65 HP	6.3%
Tractor Loader-Backhoe	6.3%
Air Compressor, 125-200 CFM	6.3%
Single Axle Flatbed	3.1%
Platform Boom (High-Reach)	3.1%
Wheel Loader, 2 cy +	3.1%
Mowing Tractor, 65+ HP	3.1%
Brush Chipper	3.1%
Other*	<1.0%

\* None.

Leased equipment for state correctional facilities included Sewer Jet.

### Equipment Use: Maintenance versus Construction

Table 16 demonstrates the percent use of equipment for purposes of maintenance or construction. It is clear to see that most of the equipment used by all respondents was used for maintenance (94.1%). Only approximately 5.9% of the respondents used the equipment for construction purposes. The Iowa DOT uses their equipment almost exclusively for maintenance (99.7%).

It should also be noted that equipment was used for purposes other than maintenance or construction. One respondent mentioned that their county used a trailer van for collecting items to be recycled. Other respondents did not identify for what other purpose the equipment was used for.



**Table 16. Percentage of Use for Maintenance and Construction**

<b>Respondent Type</b>	<b>Maintenance</b>	<b>Construction</b>	<b>Other</b>
All entities surveyed	94.10%	5.86%	0.04%
Cities > 5,000	91.90%	8.10%	0.00%
Cities 2,000–5,000	89.30%	10.70%	0.00%
Cities < 2,000	95.90%	3.70%	0.40%
Counties	91.30%	8.60%	0.10%
Iowa DOT	99.70%	0.30%	0.00%
State correctional facilities	86.50%	13.50%	0.00%

Table 17 identifies equipment used for construction purposes greater than or equal to 50% of the time. As can be expected, equipment such as asphalt pavers and road mixers would be primarily used for construction.

**Table 17. Equipment with Greatest Construction Usage**

<b>Respondent Type</b>	<b>Type of Equipment</b>	<b>Percent Construction Use</b>
Cities > 5,000	Road Mixer	80%
	Water Tank Attachment	75%
	Vac-Con Sewer Jet Vacuum	50%
	Trailer, Tandem 12k	50%
	Trailer, Tandem 6k	50%
Cities 2,000–5,000	Asphalt Paver, Main Screed 10 ft or less	100%
	Trailer, Low Bed 15 Ton	100%
	Tree Spade	80%
	Power Rake Tiller	60%
Cities < 2,000	None	—
Counties	Single Axle Truck - Utility Box	100%
	Welder Generator	100%
	Crawler Tractor, 450 HP	75%
	3/4 Ton Window Van	70%
	Single Axle Truck - Bridge Crew	55%
	Single Axle Truck, Welder	50%
	6" Pump	50%
Iowa DOT	Road Rating Machine	50%
State correctional facilities	Air Compressor, 125-200 CFM	50%

## Equipment Efficiency Usage

The survey allowed the researchers to determine the percentage usage of equipment if the respondents completed the worksheet (refer to the survey in Appendix B). This was calculated using a seasonal approach and equipment equivalents. Respondents were asked to indicate the equipment equivalents for each season for a group of similar equipment (e.g., single-axle dump body trucks). If the total number of equipment was 10, for example, then the maximum equipment equivalent value would be 40 (4 seasons x 10). If the respondent only used 30 equipment equivalents for all four seasons, then the efficiency would be 75% (30/40). Note that this is a very approximate method for determining equipment efficiency. A more rigorous approach would have required a more detailed accounting for each piece of equipment. It was decided early on that this more detailed approach was beyond the scope of this study. In addition, these results should be used with caution since, in general, a small percentage of respondents provided this information. Table 18 shows data related to the average percent of equipment usage.

**Table 18. Equipment Usage**

Respondent Type	Number of Pieces of Equipment Reported (Percent of Total)	Minimum Usage	Maximum Usage	Average Percent of Equipment Usage
Cities > 5,000	540 (34%)	17%	100%	81%
Cities 2,000–5,000	78 (24%)	25%	100%	88%
Cities < 2,000	29 (14%)	25%	100%	42%
Counties	540 (13%)	2.5%	100%	88%
Iowa DOT	2,762 (100%)	75%	100%	92%
State correctional facilities	28 (93%)	25%	100%	92%

## Respondent Comments

Part 2 of the survey asked respondents for innovative suggestions or good practices for equipment procurement and use. Respondent comments are listed below by their respective entity classification.

### *Cities with Populations Greater Than 5,000*

- I believe organizations/individual needs differ a great deal. Equipment specifications are a must to guaranty your organizations satisfaction in usage and cost of the equipment you purchase.
- Get input from the employees who use the equipment. Be sure you do research and get everything in your specs.

- Hours and age are used for equipment procurement and use.
- The department policy is to spec. equipment and get quotations from two if not three equipment dealers.
- We almost always get sealed bids, unless we purchase equipment on an Iowa DOT contract.
- Equipment owned 40+ years by city.

#### *Cities with Populations 2,000–5,000*

- Buy used from the Iowa DOT in Ames. Piggyback on state bids. Competitive bids.

#### *Cities with Populations Less Than 2,000*

- Use option tax to purchase equipment.
- We purchase used equipment, first checking with the Iowa DOT in Ames and second with local surrounding dealers, comparing trade-in and purchase prices.
- We buy most of our equipment through the state yard or surplus property.
- Since we are a small community we have to buy used equipment. Thus we have to have a good maintenance program—servicing our old equipment. Simply routine maintenance, know your equipment, a watchful eye and keep sheltered if possible.
- Our community utilizes our tractor for multi-purposes. We mow large areas of land around drainage ditches and lagoon but also use it to push snow and load snow. We borrow extra attachments and keep our cost down by buying good used attachments. We do the same with our dump truck, which is multi-use. The Buchanan County Road Department and Buchanan County Conservation share their equipment on a need policy for short-term projects.

#### *Counties*

- We do like the opportunities to be included in Iowa DOT equipment purchases. (1) Majority of machines are CAT (maintainers, dozers) or J.D. (hoes, mowers, loaders), which cuts back on filters, hoses, specialty tools, etc. in maintenance of machines. (2) Integrated tool carrier is end loader/all terrain forklift.
- I feel that counties benefit greatly through ability to direct purchase option. Disagree with state acceptance of low bid quotes as I do not feel the public is getting the long-term benefit/use that may be achieved with another option. That is, maintenance costs, repair costs, trade-in values are very important in calculating the total cost to the public for a piece of equipment.
- Cleanliness, good service, oil samples, think safety and walk around inspections before starting equipment.
- Only buy what you can use for more than six months and rent equipment from dealer or borrow from another county by trading equipment around.
- Taking the cheapest bid is not necessarily the best. Our machines are bought for the long term, therefore parts and service should be considered. Only quality machines should be bid.

- (1) Sharing equipment with border counties. (2) Buy American equipment. (3) Joint purchasing power. (4) Web site for all government surplus equipment.
- Let home rule work!
- All trucks are capable at functioning as snow removal units except for some tractors, pickups, and one-ton trucks. We have two tandem-axle trucks equipped with a stellar hook lift unit that helped replace a flatbed, water truck, and slide in material spreader with modular units that can be shared between trucks.
- Do not allow deviations from specifications by formal bidders. Direct purchase will often allow consideration of warranty work, availability of options at little or no cost and preclude the necessity of making specifications fit all bidders.
- Lowest price is not always a good thing. Let your operators have some input.
- Purchase with neighboring county for low-use machines.

#### *State Agencies That Receive Road Use Tax Moneys*

- No comments.

## **CONCLUSIONS AND RECOMMENDATIONS**

### **Conclusions**

Results show that most of the purchased equipment is used primarily for maintenance (94%). Approximately 5.6% of the equipment is for construction. Most of the equipment is purchased instead of leased (99% versus 1%). Procurement policies depend on the responding organization. For example, larger agencies tend to use a formal bid approach as opposed to smaller cities that purchase equipment used. Efficiency of use seemed to be relatively high with usage percentages around 80% on average. Smaller cities had lower efficiency percentages.

### **Recommendations**

A few recommendations are provided to enhance the procurement process for agencies receiving road use tax funds:

- In order to encourage equipment sharing between agencies, a list of equipment could be made available from each so that other entities can have access. This could increase the equipment utilization rates by all entities. For smaller cities in particular equipment sharing might be one way to increase efficiency.
- Another recommendation is for entities to consider using lowest life-cycle cost instead of lowest initial bid price as the basis for procurement selection.

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**APPENDIX A**

**2001 Iowa Acts, Chapter 32, Section 12, Subsections 1 and 2  
(House File 324, 2001 Session)**

## **2001 IOWA ACTS, CHAPTER 32, SECTION 12—DEPARTMENT REVIEW OF CERTAIN HIGHWAY PROJECT PROCEDURES AND EQUIPMENT USE—RULES**

### **Subsection 1**

*The rules adopted by the department pursuant to section 314.1A, as enacted in this Act, shall be in draft form prior to December 31, 2002, and shall specifically define the terms “construction”, “reconstruction”, “improvement”, and “repair or maintenance” as such terms relate to highway, bridge, and culvert projects.*

“*Construction*” means the building or development of a road, street, bridge, or culvert in a new location when (1) the new location deviates substantially from the existing alignment and (2) the result is an entirely new road or street for the greater part of the length of the project.

“*Reconstruction*” means a significant change to the existing type of road, street, bridge, or culvert or its geometric or structural features. Some realignment and the use of current design criteria may be involved.

“*Improvement*” means a betterment to a road, street, bridge, or culvert. The work increases the value of the facility and enhances the facility, its traffic operations or its safety beyond the original design. The work would be so extensive as to be classified as construction or reconstruction, but it could involve rehabilitation, restoration, or resurfacing (3R) work.

“*Repair or maintenance*” means the preservation of a road, street, bridge, or culvert so that it is in sound or proper condition. The work may include minor replacements and additions necessary to restore the road, street, bridge, or culvert to its originally built condition with essentially the same design.

### **Subsection 2**

*The department shall review the highway and street construction and maintenance equipment procurement policies and the use of such equipment by all entities receiving road use tax fund moneys. The department shall report its findings, and any recommendations regarding potential efficiencies and cost savings in the procurement and use of such equipment, to the general assembly by December 31, 2002. The department shall consult with public and private entities in reviewing the procurement policies and use of equipment and in formulating the department’s recommendations.*

**APPENDIX B**

**Iowa Construction and Maintenance Equipment Survey**





# Iowa Department of Transportation

800 Lincoln Way, Ames, IA 50010

515-239-1111

FAX: 515-239-1639

January 28, 2002

## MEMORANDUM TO PUBLIC AND PRIVATE ENTITIES

FROM: Mark F. Wandro, Director 

SUBJECT: Survey of Equipment Procurement Policies

House File 324, Section 12, as passed by the Iowa General Assembly in the 2000-2001 session, required the Iowa Department of Transportation (DOT) to conduct a study of all Iowa entities receiving road use tax funds to determine how they procure and use highway and street construction and maintenance equipment. The report is due to the Legislature by December 31, 2002.

To gather the needed equipment procurement information, the DOT has retained Iowa State University's Center for Transportation Research and Education (CTRE). The enclosed survey was developed with input and guidance from the following people:

John Klostermann, Street/Sewer Maintenance Supervisor, City of Dubuque  
Larry Mattusch, Scott County Engineer  
Dwayne McAninch, President, McAninch Corporation  
Larry Jesse, Director, DOT Office of Local Systems  
Carol Coates, Director, DOT Office of Procurement and Distribution

I am requesting your cooperation in providing the information needed to report to the Legislature. This survey is *not* related to development of a standardized purchasing policy. It is being sent to officials in all 99 counties, all cities with a population greater than 5,000, a total of 100 randomly selected cities with a population between 2,000 and 4,999, a total of 100 randomly selected cities with a population less than 2,000, the Iowa Department of Natural Resources, the Iowa Department of Corrections, and the Board of Regents.

A paper copy of the survey and a diskette with an electronic version are enclosed, along with the definitions and instructions. The Excel spreadsheet includes imbedded equations that will help you estimate equipment usage consistently. Please complete and return either the paper or electronic survey by Friday, March 1, 2002. A stamped, self-addressed envelope is also enclosed.

January 28, 2002

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If you have any questions, you may contact one of the following project managers: Dr. Ed Jaselskis, associate professor of civil engineering at Iowa State University, 515-294-0250, [ejaselsk@iastate.edu](mailto:ejaselsk@iastate.edu); Stephen Andrie, director of CTRE, 515-294-8103, [andrie@iastate.edu](mailto:andrie@iastate.edu); or Larry Jesse of the DOT's Office of Local Systems, 515-239-1291, [larry.jesse@dot.state.ia.us](mailto:larry.jesse@dot.state.ia.us).

Thank you in advance for your participation in this survey.

MFW:et

Enclosures

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Iowa State University  
Ames, IA 50011

Larry Jesse, Director, Office of Local Systems  
Iowa Department of Transportation  
800 Lincoln Way  
Ames, IA 50010

## Survey Definitions

**Equipment:** self propelled equipment and non-self propelled equipment (listed separately in the survey, and not including snow and ice control equipment or truck bodies) *with a purchase or replacement value of more than \$5,000.*

If a category of equipment that you own or lease is not included, please add it at the end of the self propelled or non-self propelled equipment list, as appropriate.

**Maintenance:** preservation of a road, street, bridge, or culvert so that it is in sound or proper condition. For purposes of the survey, maintenance includes

- minor repair, replacements, and additions necessary to restore the road, street, bridge, or culvert to its originally built condition with essentially the same design, and
- removal of snow and ice from roadways and other winter maintenance activities.

**Construction:** improvement, reconstruction, or new construction of a road, street, bridge, or culvert. For purposes of the survey, construction includes

- work that increases the value of the facility and enhances the facility, its traffic operations, or its safety beyond the original design and may involve rehabilitation, restoration, or resurfacing (3R) type projects;
- work that significantly changes the existing type of road, street, bridge, or culvert or its geometric and structural features and may involve some realignment and use of current design criteria; and
- the building or development of a road, street, bridge, or culvert in a new location when the new location deviates substantially from the existing alignment and the result is an entirely new road or street for the greater part of the length involved.

**Equipment equivalent** (see Worksheet and Worksheet Instructions, pages 4–5 of these instructions): the number of pieces of equipment **in use**.

## Survey Instructions

These instructions apply to both versions of the survey. If you have questions about the Excel version, contact Ali Kamyab, 515-294-4303, [kmb@iastate.edu](mailto:kmb@iastate.edu). If you have questions about completing the paper survey, contact Ed Jaselskis, 515-294-0250 or -0727, [ejaselsk@iastate.edu](mailto:ejaselsk@iastate.edu).

### Special notes regarding the Excel file:

1. The electronic survey is provided in Microsoft Excel 2000 format. If you cannot open the file, we may be able to provide a different format. Contact Ali Kamyab, 515-294-4303, [kmb@iastate.edu](mailto:kmb@iastate.edu).
2. To move between Parts 1, 2, and 3 of the survey, click on the appropriate tab at the bottom of the spreadsheet.

### Part 1. Equipment Procurement and Use Information

**Column 1:** On the paper survey, enter the number of pieces of equipment that your organization owned in 2001; that is, equipment for which you have title or a sales receipt on file. If none, leave columns 1–5 blank. (On the Excel survey, leave column 1 blank; a formula in the spreadsheet will calculate this total.)

**Columns 2, 3, 4, and 5:** Of the number owned in 2001 (column 1), enter the number of new pieces purchased through (2) formal bid, (3) direct purchase, or (4) an existing contract, respectively, and then the number (5) purchased used.

**(2) Formal bid:** New equipment was purchased through a formal bidding process in which specifications were issued and competitive bids were formally received and opened.

**(3) Direct purchase:** New equipment was purchased without going through a bidding process. Informal price quotations may have been requested or new equipment purchased from a typical supplier.

**(4) Existing contract:** New equipment was purchased through state contract or other cooperative, volume purchase arrangement.

**(5) Purchased used:** Used equipment was purchased directly or at auction.

**Column 6:** On the paper survey, enter the number of pieces of equipment that your organization leased in 2001; that is, equipment for which you have a lease or rental contract. If none, leave columns 6 through 9 blank. (On the Excel survey, leave column 6 blank; a formula in the spreadsheet will calculate this total.)

**Columns 7, 8, and 9:** Of the number leased in 2001 (column 6), enter the number of pieces (7) leased for more than six months with a maintenance contract, (8) leased for more than six months with no maintenance contract, and (9) rented for six months or less, respectively.

**Column 10:** Enter the total number of pieces of equipment; that is, add number owned (column 1) and number leased (column 6). (The Excel spreadsheet calculates this total.)

**Columns 11 and 12:** For the total pieces of equipment (column 10), enter estimated “percents of use” for (11) maintenance and for (12) construction, respectively, in 2001.

**Note:** These percents should reflect only equipment *in use* (not idle) in 2001. The percents in columns 11 and 12 for each item of equipment **must total 100**.

**Note about Worksheet:** The attached Worksheet (page 4) with instructions (page 5) might help you estimate “percents of use.” If you use the Worksheet in the Excel file, the Worksheet will automatically calculate percents of use for you; click on the field under “Click to Calculate Percent Use” and complete the electronic Worksheet as described in the instructions (page 5).

**Use the Worksheet only if you find it helpful.** You can estimate the percents and enter them in columns 11 and 12 without the Worksheet on both the paper and Excel versions of the survey.

**Part 2. Innovative Suggestions or Good Practices for Equipment Procurement and Use**  
Provide any suggestions or good practices regarding equipment procurement and use that you would recommend to others (on the survey form).

### **Part 3. Respondent Information**

Please include this information on the survey form. It will be useful if we need to follow up on any of your responses.

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**Return the completed survey in the enclosed self-addressed, stamped envelope or diskette mailer.**

**Please keep a back-up copy.**

**Worksheet  
for Determining Percents of Use  
(columns 11 and 12)**

**Note: If you can estimate annual percents of use without the Worksheet below** (also available on the Excel file), **that's fine.** However, you may find the Worksheet helpful because it will help you adjust for seasonal variations in equipment use. The instructions on the following page are the same for both the paper and Excel Worksheets.

If you use the following Worksheet to complete the paper survey, first make enough copies for all categories of equipment your organization leased or owned in 2001.

Equipment Line No.: \_\_\_\_\_ Equipment Description: \_\_\_\_\_

	<b>Equipment Equivalents (by Use)</b>		<b>Total Equip. Equiv.</b> (each season total cannot exceed total no. of pieces of equipment in the category)
	<b>Maintenance</b>	<b>Construction</b>	
Winter			
Spring			
Summer			
Fall			
<b>Total</b>	<b>(a)</b>	<b>(b)</b>	<b>(c)</b>

**Maintenance Percent of Use =**  
**(Total Maintenance Equip. Equiv. (a) divided by Total Equip. Equiv. (c) x 100**

**Construction Percent of Use =**  
**(Total Construction Equip. Equiv. (b) divided by Total Equip. Equiv. (c) x 100**

## Worksheet Instructions

The Worksheet uses the concept of “equipment equivalents.” An equipment equivalent is the number of pieces of equipment **in use**. It can be a whole number or a fraction (e.g., 1 or 1.5). A zero indicates equipment has been idle. Use your “best guess” estimates.

On the Worksheet for each category of equipment,

1. Enter estimated equipment equivalents in the maintenance column and the construction column for each season.
2. Total the equipment equivalents for each season (each row). (**Note: Each seasonal total cannot exceed the number of pieces of equipment in the category.**)
3. Total the column of equipment equivalents for (a) maintenance and for (b) construction. Total the (c) seasonal equipment equivalents.
4. Calculate maintenance percent of use =  $a/c \times 100$ .  
Calculate construction percent of use =  $b/c \times 100$ .

**Enter these percentages in columns 11 and 12, respectively, on the survey.**

(Excel will calculate the percents and enter them in columns 11 and 12.)

## Sample Worksheet

In the following example, an organization had 10 single-axle, dump body trucks in 2001. The estimated number of equipment equivalents has been entered in each use category by season. In winter, for example, all 10 trucks were used for maintenance; in summer, 8 were used for construction. Zeros indicate no equipment was used for that purpose. In this example, the most each row (season) can add up to is 10. (If the organization had 20 single-axle, dump body trucks, the maximum would be 20.)

Equipment Line No.: **1**      Equipment Description: **Trucks, single axle, dump body**

	<b>Equipment Equivalents (by Use)</b>		<b>Total Equip. Equiv.</b> (each season total cannot exceed total no. of pieces of equipment in the category)
	<b>Maintenance</b>	<b>Construction</b>	
Winter	10	0	10
Spring	8	2	10
Summer	2	8	10
Fall	5	3	8
<b>Total</b>	<b>(a) 25</b>	<b>(b) 13</b>	<b>(c) 38</b>

**Maintenance Percent of Use** =  $25/38$ , or **66** percent.

(Total Maintenance Equip. Equiv. (a) divided by Total Equip. Equiv. (c)) x 100

**Construction Percent of Use** =  $13/38$ , or **34** percent.

(Total Construction Equip. Equiv. (b) divided by Total Equip. Equiv. (c)) x 100

# Equipment Survey

## Part 1. Equipment\* Procurement and Use Information

### SELF PROPELLED EQUIPMENT

	ENTER NUMBER OF PIECES OF EQUIPMENT											ENTER %	
	1	2	3	4	5	6	7	8	9	10	11	12	
	METHOD OF PURCHASE					LEASE AGREEMENT			PERCENT OF USE				
	NUMBER OWNED					NUMBER LEASED			TOTAL OWNED AND LEASED				
	# FORMAL BID	# DIRECT PURCHASE	# EXISTING CONTRACT	# PURCHASED USED	# LONG-TERM WITH MAINTENANCE	# LONG-TERM NO MAINTENANCE	# SHORT-TERM RENTAL (<6 MO.)	% MAINTENANCE	% CONSTRUCTION				
<b>Trucks</b>													
1. Single axle, dump body													
2. Single axle, flatbed													
3. Single axle, van body													
4. Tandem axle, dump body													
5. Tandem axle, flatbed													
6. Tandem axle, van body													
7. Bridge Inspection Unit													
8. Fully Equipped Paint Truck													
9. Platform Boom (High-Reach)													
10. Truck-Mounted Bitumen Distributor													
11. Water Truck													
12. Semi-Tractor													
<b>Excavators</b>													
13. Hydraulic wheeled, < 1 cy													
14. Hydraulic wheeled, 1-2 cy													
15. Hydraulic wheeled, 2+ cy													
16. Hydraulic crawler, < 1 cy													
17. Hydraulic crawler, 1-2 cy													
18. Hydraulic crawler, 2+ cy													
<b>Pavers</b>													
19. Asphalt, Main Screed 10 ft. or less													
20. Asphalt, Main Screed > 10 ft.													
21. Concrete, Main Screed 10 ft. or less													
22. Concrete, Main Screed > 10 ft.													
<b>Rollers</b>													
23. Drum Roller 40-67"													
24. Drum Roller 67"+													
25. Rubber Tire Roller 7 wheel													
26. Rubber Tire Roller 9 wheel													
27. Sheep's Foot Roller 40-67"													
28. Sheep's Foot Roller 67"+													
<b>Loaders</b>													
29. Integrated Tool Carrier													
30. Loader Crawler 80 HP or less													
31. Loader Crawler 80+ HP													
32. Wheel Loader 2 cy or less													
33. Wheel Loader 2 cy+													

\* **Equipment:** self-propelled equipment (not including snow and ice control equipment or truck bodies) with a purchase or replacement value of more than \$5,000.



# Equipment Survey

## SELF PROPELLED EQUIPMENT (CONTINUED)

	ENTER NUMBER OF PIECES OF EQUIPMENT											ENTER %		
	1	2	3	4	5	6	7	8	9	10	11	12		
	METHOD OF PURCHASE					LEASE AGREEMENT			PERCENT OF USE					
	NUMBER OWNED					NUMBER LEASED			TOTAL OWNED AND LEASED					
	# FORMAL BID	# DIRECT PURCHASE	# EXISTING CONTRACT	# PURCHASED USED	# LONG-TERM	# LONG-TERM WITH MAINTENANCE	# SHORT-TERM	# SHORT-TERM NO MAINTENANCE	# SHORT-TERM RENTAL (<6 MO.)	% MAINTENANCE	% MAINTENANCE	% MAINTENANCE	% CONSTRUCTION	
<b>Tractors</b>														
34. Mowing Tractor <45 HP														
35. Mowing Tractor 45-65 HP														
36. Mowing Tractor 65+ HP														
37. Tractor Loader-Backhoe														
38. Tractor Loader-Box Blade														
<b>Sweepers</b>														
39. Sweeper, 3 Wheel Mechanical														
40. Sweeper, 4 Wheel Mechanical														
41. Sweeper, 4 Wheel Air														
<b>Other</b>														
42. Cranes														
43. Dozer, 150 HP or less														
44. Dozer, 150-300 HP														
45. Dozer, 300+HP														
46. Dragline, 1/2 cy or less														
47. Dragline, >1/2 cy														
48. Motor grader, 135 HP or less														
49. Motor grader, > 135 HP														
50. Self-Propelled Chip Spreader														
51. Scraper, Rubber Tire Elevating <15 cy														
52. Scraper, Rubber Tire Elevating >15 cy														
53. Skid Steer Loader, Wheel or Track														
<b>Additional Categories</b>														
54.														
55.														
56.														
57.														
58.														
59.														
60.														
61.														
62.														
63.														
64.														
65.														
66.														
67.														

\* **Equipment:** self-propelled equipment (not including snow and ice control equipment or truck bodies) with a purchase or replacement value of more than \$5,000.

# Equipment Survey

## NON-SELF PROPELLED EQUIPMENT

	ENTER NUMBER OF PIECES OF EQUIPMENT											ENTER %
	METHOD OF PURCHASE						LEASE AGREEMENT			PERCENT OF USE		
	NUMBER OWNED		NUMBER LEASED				TOTAL OWNED AND LEASED					
	# FORMAL BID	# DIRECT PURCHASE	# EXISTING CONTRACT	# PURCHASED USED	# LONG-TERM WITH MAINTENANCE	# LONG-TERM NO MAINTENANCE	# SHORT-TERM RENTAL (≤6 MO.)	% MAINTENANCE	% CONSTRUCTION			
	1	2	3	4	5	6	7	8	9	10	11	12
101. Attenuator, Crash, Trk Mtd												
102. Breaker Pavement, Attachment												
103. Broom, Attachment												
104. Brush Chipper												
105. Compressor, Air 125-200												
106. Compressor, Air 200+												
107. Conveyor, Salt												
108. Cutter, Stump												
109. Distributor Bitumen, Slip-in or Trailer												
110. Drill, Vertical												
111. Driver, Pile or Pipe												
112. Filler, Crack												
113. Grapple Attachment, Loader												
114. Heater, Pre-Mix												
115. Hydro-Seeder												
116. Kettle, Bitumen Heater												
117. Machine, Asphalt Patcher												
118. Machine, Gunite												
119. Machine, Profiler												
120. Machine, Road Rating												
121. Machine, Slurry												
122. Marker, Centerline Paint												
123. Miller, Asphalt Spreader												
124. Milling Head												
125. Mixer, Bitumen Recycler												
126. Pump, Asphalt												
127. Pump, Mud Paddle/Colloidal												
128. Rock Crusher												
129. Roller, Attachment												
130. Saw, Concrete												
131. Seeder												
132. Sewer Jet												
133. Sewer Jet Vacuum (Combination)												
134. Shouldering Machine												
135. Signal, Speed Sensing Trailer Mtd.												
136. Snow Blower, Attachment												
137. Spade, Tree												

\* **Equipment:** non-self propelled equipment (not including snow and ice control equipment or truck bodies) with a purchase or replacement value of more than \$5,000.

# Equipment Survey

## NON-SELF PROPELLED EQUIPMENT (CONTINUED)

	ENTER NUMBER OF PIECES OF EQUIPMENT										ENTER %	
	NUMBER OWNED					NUMBER LEASED					TOTAL OWNED AND LEASED	
	# FORMAL BID	# DIRECT PURCHASE	# EXISTING CONTRACT	# PURCHASED USED	# LONG-TERM WITH MAINTENANCE	# LONG-TERM NO MAINTENANCE	# SHORT-TERM RENTAL (<6 MO.)	LEASE AGREEMENT		PERCENT OF USE		
	METHOD OF PURCHASE											
	1	2	3	4	5	6	7	8	9	10	11	12
138. Sprayer, Weed												
139. Sweeper Attachment												
140. Tiller, Power Rake												
141. Trailer, Belly Dump												
142. Trailer, Side Dump												
143. Trailer, Low Bed 15 Ton												
144. Trailer, Low Bed Semi												
145. Trailer, Van												
146. Washer, Hi-Power Water												
<b>Additional Categories</b>												
147.												
148.												
149.												
150.												
151.												
152.												
153.												
154.												
155.												
156.												
157.												
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162.												
163.												
164.												
165.												
166.												
167.												
168.												
169.												
170.												
171.												
172.												
173.												

\* **Equipment:** non-self propelled equipment (not including snow and ice control equipment or truck bodies) with a purchase or replacement value of more than \$5,000.

## **Equipment Survey**

### **Part 2. Innovative Suggestions or Good Practices for Equipment Procurement and Use**

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### **Part 3. Respondent Information**

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Organization: \_\_\_\_\_

Street Address: \_\_\_\_\_

\_\_\_\_\_

City/Zip Code: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

Fax Number: \_\_\_\_\_

E-mail: \_\_\_\_\_

**Please keep a back-up copy of the completed survey, either electronic or paper.**

Return the original in the enclosed postage-paid envelope or diskette mailer by **March 1, 2002**, to

Center for Transportation Research and Education  
Iowa State University Research Park  
2901 S. Loop Drive, Suite 3100  
Ames, IA 50010-8632

**Thank you for participating.**

## **APPENDIX C**

### **Equipment Procurement and Utilization Study Data File**

ID	Entity	Type	Pop.	Equip. Line	Type of Equipment	# Owned	# Formal Bld	# Direct Purchase	# Existing Contract	# Purchased Used	No Response Owned	# Leased	# Long Term with Maintenance	# Long Term No Maintenance	# Short Term Rental	No Response Leased	Total # Owned and Leased	% Usage	% Maintenance	% Construction	Other Usage
121	City of Massena	City	54	37	Tractor Loader-Backhoe	1	1				0					1	100	0	0		
172	City of Blanchard	City	61	0	Not Applicable	0					0					0					
202	City of Knierim	City	70	1	Single Axle, Dump Body	1			1		0					1	100	0	0		
202	City of Knierim	City	70	34	Mowing Tractor <45 HP	1	1				0					1	100	0	0		
202	City of Knierim	City	70	138	Sprayer, Weed	1	1				0					1	100	0	0		
3	City of Dolliver	City	77	0	Not Applicable	0					0					0					
157	City of Thornburg	City	84	0	Not Applicable	0					0					0					
171	City of Ackworth	City	85	0	Not Applicable	0					0					0					
1	Town of Gibson	City	92	0	Not Applicable	0					0					0					
201	Town of Grant	City	102	0	Not Applicable	0					0					0					
188	City of Cylinder	City	110	0	Not Applicable	0					0					0					
156	City of St. Ansgar	City	118	1	Single Axle, Dump Body	2			2		0					2	100	0	0		
156	City of St. Ansgar	City	118	37	Tractor Loader-Backhoe	1			1		0					1	100	0	0		
156	City of St. Ansgar	City	118	38	Tractor Loader-Box Blade	1			1		0					1	100	0	0		
156	City of St. Ansgar	City	118	39	Sweeper, 3 Wheel Mechanical	1			1		0					1	100	0	0		
156	City of St. Ansgar	City	118	48	Motor grader, 135 HP or less	1			1		0					1	100	0	0		
156	City of St. Ansgar	City	118	64	Mower	1	1				0					1	100	0	0		
250	City of North Washington	City	118	0	Not Applicable	0					0					0					
19	City of Cromwell	City	120	38	Tractor Loader-Box Blade	1	1				0					1	100	0	0		
54	Town of North Buena Vista	City	124	0	Not Applicable	0					0					0					
199	Pleasant Plain	City	131	0	Not Applicable	0					0					0					
102	City of Oyens	City	132	0	Not Applicable	0					0					0					
242	City of Brunsville	City	146	0	Not Applicable	0					0					0					
153	City of Welton	City	159	0	Not Applicable	0					0					0					
182	City of Goodell	City	174	0	Not Applicable	0					0					0					
61	City of Lincoln	City	182	0	Not Applicable	0					0					0					
49	City of Delaware	City	188	1	Single Axle, Dump Body	1			1		0					1	100	0	0		
49	City of Delaware	City	188	48	Motor grader, 135 HP or less	1			1		0					1	100	0	0		
26	City of Barnum	City	195	0	Not Applicable	0					0					0					
251	City of Stout	City	217	0	Not Applicable	0					0					0					
190	City of Rowan	City	218	0	Not Applicable	0					0					0					
125	City of Hanlontown	City	229	1	Single Axle, Dump Body	1			1		0					1	100	0	0		
125	City of Hanlontown	City	229	34	Mowing Tractor <45 HP	1	1				0					1	100	0	0		
125	City of Hanlontown	City	229	48	Motor grader, 135 HP or less	1			1		0					1	100	0	0		
21	City of Blencoe	City	231	0	Not Applicable	0					0					0					
151	City of Elberon	City	245	0	Not Applicable	0					0					0					
159	City of Bertram	City	263	0	Not Applicable	0					0					0					
158	City of Davis City	City	275	0	Not Applicable	0					0					0					
46	City of Stockport	City	284	34	Mowing Tractor <45 HP	1	1				0					1	100	0	0		
152	City of Rowley	City	290	0	Not Applicable	0					0					0					
44	City of Rhodes	City	294	1	Single Axle, Dump Body	1			1		0					1	100	0	0		
86	City of Keswick	City	295	38	Tractor Loader-Box Blade	1	1				0					1	100	0	0		
45	City of Farmersburg	City	300	1	Single Axle, Dump Body	2			2		0					2	100	0	0		
45	City of Farmersburg	City	300	38	Tractor Loader-Box Blade	1			1		0					1	100	0	0		
48	City of Lutton	City	305	1	Single Axle, Dump Body	2			2		0					2	100	0	0		
48	City of Lutton	City	305	38	Tractor Loader-Box Blade	1	1				0					1	100	0	0		
40	City of Libertyville	City	325	0	Not Applicable	0					0					0					
27	City of Harcourt	City	340	34	Mowing Tractor <45 HP	1	1				0					1	100	0	0		
210	City of Lacona	City	360	1	Single Axle, Dump Body	1			1		0					1	50	50	0		
210	City of Lacona	City	360	36	Mowing Tractor 65+ HP	1	1				0					1	20	30	50		
210	City of Lacona	City	360	38	Tractor Loader-Box Blade	1			1		0					1	40	40	20		
210	City of Lacona	City	360	48	Motor grader, 135 HP or less	1			1		0					1	25	75	0		
175	City of Melo	City	365	1	Single Axle, Dump Body	2	2				0					2	100	0	0		
175	City of Melo	City	365	37	Tractor Loader-Backhoe	1	1				0					1	100	0	0		
18	City of Letts	City	392	34	Mowing Tractor <45 HP	1					1					1	100	0	0		
18	City of Letts	City	392	105	Compressor, Air 125-200	1					1					1	100	0	0		
18	City of Letts	City	392	138	Sprayer, Weed	1					1					1	100	0	0		
99	City of Elliott	City	402	1	Single Axle, Dump Body	1			1		0					1	100	0	0		
99	City of Elliott	City	402	34	Mowing Tractor <45 HP	1	1				0					1	100	0	0		
99	City of Elliott	City	402	38	Tractor Loader-Box Blade	1			1		0					1	100	0	0		
99	City of Elliott	City	402	39	Sweeper, 3 Wheel Mechanical	1			1		0					1	100	0	0		
99	City of Elliott	City	402	48	Motor grader, 135 HP or less	1			1		0					1	100	0	0		
47	City of Churdan	City	418	1	Single Axle, Dump Body	1			1		0					1	100	0	0		
47	City of Churdan	City	418	34	Mowing Tractor <45 HP	1			1		0					1	100	0	0		
47	City of Churdan	City	418	37	Tractor Loader-Backhoe	1			1		0					1	100	0	0		
100	City of Lewis	City	438	1	Single Axle, Dump Body	1			1		0					1	82	18	0		
100	City of Lewis	City	438	34	Mowing Tractor <45 HP	1			1		0					1	100	0	0		
100	City of Lewis	City	438	37	Tractor Loader-Backhoe	1			1		0					1	75	25	0		
100	City of Lewis	City	438	38	Tractor Loader-Box Blade	1			1		0					1	94	6	0		
100	City of Lewis	City	438	48	Motor grader, 135 HP or less	1			1		0					1	67	33	0		
100	City of Lewis	City	438	83	Tractor-Blade	1			1		0					1	100	0	0		

ID	Entity	Type	Pop.	Equip. Line	Type of Equipment	# Owned	# Formal Bld	# Direct Purchase	# Existing Contract	# Purchased Used	No Response Owned	# Leased	# Long Term with Maintenance	# Long Term No Maintenance	# Short Term Rental	No Response Leased	Total # Owned and Leased	% Usage	% Maintenance	% Construction	Other Usage
200	City of Breda	City	477	1	Single Axle, Dump Body	2				2	0						2	95	5	0	
200	City of Breda	City	477	32	Wheel Loader 2 cy or less	1				1	0						1	95	5	0	
200	City of Breda	City	477	34	Mowing Tractor <45 HP	1				1	0						1	100	0	0	
200	City of Breda	City	477	37	Tractor Loader-Backhoe	1				1	0						1	95	5	0	
200	City of Breda	City	477	40	Sweeper, 4 Wheel Mechanical	1				1	0						1	100	0	0	
200	City of Breda	City	477	112	Filler, Crack	1				1	0						1	100	0	0	
200	City of Breda	City	477	138	Sprayer, Weed	1					1	0					1	100	0	0	
189	City of Buck Grove	City	503	0	Not Applicable	0					0						0				
81	City of Ellsworth	City	531	1	Single Axle, Dump Body	1				1	0						1	25	100	0	0
81	City of Ellsworth	City	531	34	Mowing Tractor <45 HP	1	1				0						1	25	100	0	0
81	City of Ellsworth	City	531	35	Mowing Tractor 45-65 HP	1	1				0						1	25	100	0	0
81	City of Ellsworth	City	531	37	Tractor Loader-Backhoe	1	1				0						1	25	100	0	0
81	City of Ellsworth	City	531	39	Sweeper, 3 Wheel Mechanical	1				1	0						1	25	100	0	0
81	City of Ellsworth	City	531	48	Motor grader, 135 HP or less	1				1	0						1	100	0	0	
81	City of Ellsworth	City	531	138	Sprayer, Weed	1	1				0						1	25	100	0	0
39	City of Doon	City	533	1	Single Axle, Dump Body	1	1				0						1	100	0	0	
39	City of Doon	City	533	11	Water Truck	1	1				0						1	100	0	0	
39	City of Doon	City	533	33	Wheel Loader 2 cy +	1	1				0						1	100	0	0	
39	City of Doon	City	533	34	Mowing Tractor <45 HP	2	2				0						2	100	0	0	
39	City of Doon	City	533	40	Sweeper, 4 Wheel Mechanical	1	1				0						1	100	0	0	
39	City of Doon	City	533	132	Sewer Jet	1	1				0						1	100	0	0	
97	City of Burt	City	556	48	Motor grader, 135 HP or less	1				1	0						1	100	0	0	
97	City of Burt	City	556	53	Skid Steer Loader, Wheel or Track	1	1				0						1	100	0	0	
97	City of Burt	City	556	136	Snow Blower, Attachment	1	1				0						1	100	0	0	
25	City of Quasqueton	City	574	1	Single Axle, Dump Body	1	1				0						1	75	25	0	
25	City of Quasqueton	City	574	38	Tractor Loader-Box Blade	1					1	0					1	80	20	0	
30	City of Anthon	City	649	1	Single Axle, Dump Body	2					2	0					2	100	0	0	
30	City of Anthon	City	649	2	Single axle, flatbed	1					1	0					1	100	0	0	
30	City of Anthon	City	649	9	Platform Boom (High-Reach)	1				1	0						1	100	0	0	
30	City of Anthon	City	649	33	Wheel Loader 2 cy +	1	1				0						1	100	0	0	
30	City of Anthon	City	649	103	Broom, Attachment	1	1				0						1	100	0	0	
30	City of Anthon	City	649	130	Saw, Concrete	1	1				0						1	100	0	0	
30	City of Anthon	City	649	138	Sprayer, Weed	1	1				0						1	100	0	0	
204	City of Hopers	City	672	1	Single Axle, Dump Body	1				1	0						1	100	0	0	
204	City of Hopers	City	672	34	Mowing Tractor <45 HP	2	2				0						2	100	0	0	
204	City of Hopers	City	672	39	Sweeper, 3 Wheel Mechanical	1				1	0						1	100	0	0	
236	City of Pleasant Plain	City	687	0	Not Applicable	0					0						0				
137	City of Underwood	City	688	1	Single Axle, Dump Body	1				1	0						1	100	0	0	
137	City of Underwood	City	688	36	Mowing Tractor 65+ HP	1				1	0						1	100	0	0	
154	City of Ruthven	City	711	0	Not Applicable	0					0						0				
73	City of Clermont	City	716	1	Single Axle, Dump Body	1	1				0						1	100	100	0	0
73	City of Clermont	City	716	2	Single axle, flatbed	1	1				0						1	100	100	0	0
73	City of Clermont	City	716	36	Mowing Tractor 65+ HP	1	1				0						1	100	100	0	0
73	City of Clermont	City	716	103	Broom, Attachment	1	1				0						1	25	100	0	0
73	City of Clermont	City	716	132	Sewer Jet	1	1				0						1	100	100	0	0
225	City of Sioux Rapids	City	720	1	Single Axle, Dump Body	1	1				0						1	25	100	0	0
225	City of Sioux Rapids	City	720	2	Single axle, flatbed	1	1				0						1	25	100	0	0
225	City of Sioux Rapids	City	720	23	Drum Roller 40-67"	1				1	0						1	25	100	0	0
225	City of Sioux Rapids	City	720	33	Wheel Loader 2 cy +	1	1				0						1	25	100	0	0
225	City of Sioux Rapids	City	720	34	Mowing Tractor <45 HP	1	1				0						1	25	100	0	0
225	City of Sioux Rapids	City	720	39	Sweeper, 3 Wheel Mechanical	1				1	0						1	25	100	0	0
225	City of Sioux Rapids	City	720	48	Motor grader, 135 HP or less	1	1				0						1	25	100	0	0
150	City of Dunkerton	City	749	0	Not Applicable	0					0						0				
101	City of Walker	City	750	1	Single Axle, Dump Body	2				2	0						2	100	0	0	
101	City of Walker	City	750	36	Mowing Tractor 65+ HP	1	1				0						1	100	0	0	
208	City of Dayton	City	884	1	Single Axle, Dump Body	2				2	0						2	95	5	0	
208	City of Dayton	City	884	34	Mowing Tractor <45 HP	1				1	0						1	100	0	0	
208	City of Dayton	City	884	37	Tractor Loader-Backhoe	1	1				0						1	95	5	0	
208	City of Dayton	City	884	40	Sweeper, 4 Wheel Mechanical	1				1	0						1	100	0	0	
208	City of Dayton	City	884	48	Motor grader, 135 HP or less	1				1	0						1	95	5	0	
56	City of Rockford	City	907	1	Single Axle, Dump Body	3	1			2	0						3				
56	City of Rockford	City	907	34	Mowing Tractor <45 HP	2	1			1	0						2	100	0	0	
56	City of Rockford	City	907	38	Tractor Loader-Box Blade	1	1				0						1				
56	City of Rockford	City	907	39	Sweeper, 3 Wheel Mechanical	1				1	0						1	100	0	0	
56	City of Rockford	City	907	114	Heater, Pre-Mix	1				1	0						1	100	0	0	
95	City of Dakota City	City	911	1	Single Axle, Dump Body	3				3	0						3	100	0	0	
95	City of Dakota City	City	911	48	Motor grader, 135 HP or less	1				1	0						1	100	0	0	
124	City of Riverside	City	928	1	Single Axle, Dump Body	3	1			2	0						3	100	0	0	
124	City of Riverside	City	928	34	Mowing Tractor <45 HP	2	1				0						2	100	0	0	
124	City of Riverside	City	928	35	Mowing Tractor 45-65 HP	1	1				0						1	100	0	0	
124	City of Riverside	City	928	38	Tractor Loader-Box Blade	1	1				0						1	75	25	0	

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124	City of Riverside	City	928	105	Compressor, Air 125-200	1		1			0						1	50	50	0		
124	City of Riverside	City	928	107	Conveyor, Salt	2	2				0						2					
124	City of Riverside	City	928	138	Sprayer, Weed	1					1						1	100	0	0		
103	City of Shellsburg	City	938	1	Single Axle, Dump Body	2		1		1	0						2	100	0	0		
103	City of Shellsburg	City	938	33	Wheel Loader 2 cy +	1	1				0						1	100	0	0		
103	City of Shellsburg	City	938	34	Mowing Tractor <45 HP	1	1				0						1	100	0	0		
128	Elk Run Heights	City	1052		Damaged Disk																	
98	City of Eddyville	City	1064	1	Single Axle, Dump Body	1		1			0						1	100	0	0		
98	City of Eddyville	City	1064	34	Mowing Tractor <45 HP	3		3			0						3	100	0	0		
98	City of Eddyville	City	1064	37	Tractor Loader-Backhoe	1		1			0						1	100	0	0		
252	City of Winfield	City	1131	1	Single Axle, Dump Body	1			1								1					
252	City of Winfield	City	1131	2	Single axle, flatbed	1	1										1					
252	City of Winfield	City	1131	38	Tractor Loader-Box Blade	1	1										1	60	40	0		
252	City of Winfield	City	1131	41	Sweeper, 4 Wheel Air	1	1										1	60	40	0		
252	City of Winfield	City	1131	48	Motor grader, 135 HP or less	1			1								1	100	0	0		
55	City of Marcus	City	1139	1	Single Axle, Dump Body	2		1			1						2	100	0	0		
55	City of Marcus	City	1139	33	Wheel Loader 2 cy +	2		2									2	100	0	0		
55	City of Marcus	City	1139	39	Sweeper, 3 Wheel Mechanical	1			1		0						1	100	0	0		
55	City of Marcus	City	1139	105	Compressor, Air 125-200	1		1			0						1	100	0	0		
55	City of Marcus	City	1139	112	Filler, Crack	1		1			0						1	100	0	0		
55	City of Marcus	City	1139	116	Kettle, Bitumen Heater	1		1			0						1	100	0	0		
55	City of Marcus	City	1139	122	Marker, Centerline Paint	1		1			0						1	100	0	0		
220	City of Solon	City	1177	1	Single Axle, Dump Body	2	2				0						2	50	100	0	0	
220	City of Solon	City	1177	34	Mowing Tractor <45 HP	2		2									2	25	100	0	0	
220	City of Solon	City	1177	37	Tractor Loader-Backhoe	1	1				0						1	25	100	0	0	
220	City of Solon	City	1177	139	Sweeper Attachment	1	1				0						1	25	100	0	0	
162	City of Kingsley	City	1245	1	Single Axle, Dump Body	1			1		0						1	100	0	0		
162	City of Kingsley	City	1245	29	Integrated Tool Carrier	1			1		0						1	100	0	0		
162	City of Kingsley	City	1245	34	Mowing Tractor <45 HP	2	2				0						2	100	0	0		
162	City of Kingsley	City	1245	38	Tractor Loader-Box Blade	1	1				0						1	100	0	0		
162	City of Kingsley	City	1245	40	Sweeper, 4 Wheel Mechanical	1	1				0						1	100	0	0		
59	City of Lenox	City	1401	1	Single Axle, Dump Body	4		4									4					
59	City of Lenox	City	1401	11	Water Truck	1		1			0						1					
59	City of Lenox	City	1401	32	Wheel Loader 2 cy or less	1					1						1					
59	City of Lenox	City	1401	36	Mowing Tractor 65+ HP	1					1						1					
59	City of Lenox	City	1401	39	Sweeper, 3 Wheel Mechanical	1					1						1					
59	City of Lenox	City	1401	49	Motor grader, >135 HP	1		1			0						1					
59	City of Lenox	City	1401	60	Backhoe 30 hp	1					1						1					
59	City of Lenox	City	1401	104	Brush Chipper	1					1						1					
59	City of Lenox	City	1401	132	Sewer Jet	1					1						1					
59	City of Lenox	City	1401	136	Snow Blower, Attachment	2					2						2					
59	City of Lenox	City	1401	146	Washer, Hi-Power Water	1		1			0						1					
185	City of Nora Springs	City	1532	0	Not Applicable	0					0						0					
122	City of Monona	City	1550	1	Single Axle, Dump Body	3	3										3	70	30	0		
122	City of Monona	City	1550	33	Wheel Loader 2 cy +	1	1				0						1	80	20	0		
122	City of Monona	City	1550	34	Mowing Tractor <45 HP	1	1										1	100	0	0		
122	City of Monona	City	1550	36	Mowing Tractor 65+ HP	1		1			0						1	80	20	0		
122	City of Monona	City	1550	39	Sweeper, 3 Wheel Mechanical	1					1						1	100	0	0		
122	City of Monona	City	1550	132	Sewer Jet	1					1						1	100	0	0		
122	City of Monona	City	1550	136	Snow Blower, Attachment	2		2			0						2	100	0	0		
129	Mount Pleasant	City	1583		Damaged Disk																	
84	City of Hartley	City	1733	1	Single Axle, Dump Body	4	4				0						4	68.75	91	9	0	
84	City of Hartley	City	1733	34	Mowing Tractor <45 HP	3	3				0						3	100	0	0		
84	City of Hartley	City	1733	37	Tractor Loader-Backhoe	1	1				0						1	91	9	0		
84	City of Hartley	City	1733	38	Tractor Loader-Box Blade	1	1				0						1	100	0	0		
84	City of Hartley	City	1733	39	Sweeper, 3 Wheel Mechanical	1	1				0						1	100	0	0		
84	City of Hartley	City	1733	48	Motor grader, 135 HP or less	1		1			0						1	95	5	0		
84	City of Hartley	City	1733	104	Brush Chipper	1		1			0						1	100	0	0		
84	City of Hartley	City	1733	132	Sewer Jet	1	1				0						1	100	0	0		
67	City of Britt	City	2052	1	Single Axle, Dump Body	5		2		3	0						5	65	100	0	0	
67	City of Britt	City	2052	39	Sweeper, 3 Wheel Mechanical	1	1				0						1	75	100	0	0	
67	City of Britt	City	2052	49	Motor grader, >135 HP	1					1						1	100	100	0	0	
67	City of Britt	City	2052	62	Tractors	1	1				0						1	100	100	0	0	
67	City of Britt	City	2052	63	Backhoe	1					1						1	100	100	0	0	
67	City of Britt	City	2052	64	Mower	1	1				0						1	100	100	0	0	
67	City of Britt	City	2052	65	Pickups	4		4			0						4	93.75	100	0	0	
212	City of Sumner	City	2106	1	Single Axle, Dump Body	2		2			0						2	75	25	0		
212	City of Sumner	City	2106	41	Sweeper, 4 Wheel Air	1	1				0						1	100	0	0		
212	City of Sumner	City	2106	48	Motor grader, 135 HP or less	1					1						1	100	0	0		
212	City of Sumner	City	2106	53	Skid Steer Loader, Wheel or Track	1		1			0						1	100	0	0		
212	City of Sumner	City	2106	196	Tractor-snowplow blade	1					1						1	100	0	0		



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212	City of Sumner	City	2106	197	Tractor/blower	1				1	0						1	100	0	0	
37	City of Greenfield	City	2129	1	Single Axle, Dump Body	2				2	0						2	100	0	0	
37	City of Greenfield	City	2129	32	Wheel Loader 2 cy or less	1				1	0						1	100	0	0	
37	City of Greenfield	City	2129	35	Mowing Tractor 45-65 HP	1				1	0						1	100	0	0	
37	City of Greenfield	City	2129	36	Mowing Tractor 65+ HP	1				1	0						1	100	0	0	
37	City of Greenfield	City	2129	41	Sweeper, 4 Wheel Air	1	1				0						1	100	0	0	
37	City of Greenfield	City	2129	48	Motor grader, 135 HP or less	1				1	0						1	100	0	0	
37	City of Greenfield	City	2129	53	Skid Steer Loader, Wheel or Track	1	1				0						1	100	0	0	
37	City of Greenfield	City	2129	102	Breaker Pavement, Attachment	1	1				0						1	100	0	0	
37	City of Greenfield	City	2129	104	Brush Chipper	1	1				0						1	100	0	0	
37	City of Greenfield	City	2129	105	Compressor, Air 125-200	1				1	0						1	100	0	0	
37	City of Greenfield	City	2129	112	Filler, Crack	1	1				0						1	100	0	0	
37	City of Greenfield	City	2129	113	Grapple Attachment, Loader	1				1	0						1	100	0	0	
37	City of Greenfield	City	2129	124	Milling Head	1	1				0						1	100	0	0	
37	City of Greenfield	City	2129	130	Saw, Concrete	1	1				0						1	100	0	0	
37	City of Greenfield	City	2129	132	Sewer Jet	1	1				0						1	100	0	0	
37	City of Greenfield	City	2129	138	Sprayer, Weed	1				1	0						1	100	0	0	
37	City of Greenfield	City	2129	146	Washer, Hi-Power Water	1	1				0						1	100	0	0	
22	City of Springbrook	City	2350	0	Not Applicable	0					0						0				
108	City of Asbury	City	2450	1	Single Axle, Dump Body	2	1			1	0						2	65	35	0	
108	City of Asbury	City	2450	34	Mowing Tractor <45 HP	2	1	1			0						2	100	0	0	
108	City of Asbury	City	2450	35	Mowing Tractor 45-65 HP	1	1				0						1	100	0	0	
108	City of Asbury	City	2450	38	Tractor Loader-Box Blade	1	1				0						1	50	50	0	
108	City of Asbury	City	2450	104	Brush Chipper	1	1				0						1	10	90	0	
51	City of Hawarden	City	2478	1	Single Axle, Dump Body	3	3				0						3	90	10	0	
51	City of Hawarden	City	2478	33	Wheel Loader 2 cy +	1	1				0						1	80	20	0	
51	City of Hawarden	City	2478	34	Mowing Tractor <45 HP	2	2				0						2	100	0	0	
51	City of Hawarden	City	2478	37	Tractor Loader-Backhoe	1	1				0						1	80	20	0	
51	City of Hawarden	City	2478	39	Sweeper, 3 Wheel Mechanical	1	1				0						1	100	0	0	
51	City of Hawarden	City	2478	49	Motor grader, >135 HP	1				1	0						1	80	20	0	
51	City of Hawarden	City	2478	104	Brush Chipper	1	1				0						1	100	0	0	
51	City of Hawarden	City	2478	105	Compressor, Air 125-200	1	1	1			0						1	100	0	0	
51	City of Hawarden	City	2478	132	Sewer Jet	1	1				0						1	100	0	0	
148	LeClaire	City	2847	1	Single Axle, Dump Body	4	4				0						4	100	0	0	
148	LeClaire	City	2847	34	Mowing Tractor <45 HP	1	1				0						1	75	100	0	0
148	LeClaire	City	2847	36	Mowing Tractor 65+ HP	1	1				0						1	100	100	0	0
148	LeClaire	City	2847	37	Tractor Loader-Backhoe	1	1	1			0						1	100	100	0	0
148	LeClaire	City	2847	38	Tractor Loader-Box Blade	1	1				0						1	75	100	0	0
148	LeClaire	City	2847	49	Motor grader, >135 HP	1	1	1			0						1	75	100	0	0
148	LeClaire	City	2847	132	Sewer Jet	1	1				0						1	100	100	0	0
148	LeClaire	City	2847	135	Signal, Speed Sensing Trailer Mtd.	1	1	1			0						1	100	100	0	0
148	LeClaire	City	2847	136	Snow Blower, Attachment	1	1				0						1	25	100	0	0
80	City of Eldora	City	3035	1	Single Axle, Dump Body	3				3	0						3	100	0	0	
80	City of Eldora	City	3035	2	Single axle, flatbed	2				2	0						2	100	0	0	
80	City of Eldora	City	3035	3	Single axle, van body	3				3	0						3	100	0	0	
80	City of Eldora	City	3035	5	Tandem axle, flatbed	2				2	0						2	100	0	0	
80	City of Eldora	City	3035	33	Wheel Loader 2 cy +	1				1	0						1	100	0	0	
80	City of Eldora	City	3035	37	Tractor Loader-Backhoe	1				1	0						1	100	0	0	
80	City of Eldora	City	3035	39	Sweeper, 3 Wheel Mechanical	1				1	0						1	100	0	0	
80	City of Eldora	City	3035	48	Motor grader, 135 HP or less	1				1	0						1	100	0	0	
80	City of Eldora	City	3035	53	Skid Steer Loader, Wheel or Track	2				2	0						2	100	0	0	
80	City of Eldora	City	3035	104	Brush Chipper	1	1				0						1	100	0	0	
80	City of Eldora	City	3035	105	Compressor, Air 125-200	1	1				0						1	100	0	0	
80	City of Eldora	City	3035	130	Saw, Concrete	1	1	1			0						1	100	0	0	
80	City of Eldora	City	3035	132	Sewer Jet	1	1				0						1	100	0	0	
80	City of Eldora	City	3035	136	Snow Blower, Attachment	1	1				0						1	100	0	0	
165	City of West Burlington	City	3161	1	Single Axle, Dump Body	2	2				0						2	60	40	0	
165	City of West Burlington	City	3161	2	Single axle, flatbed	1	1				0						1	80	20	0	
165	City of West Burlington	City	3161	4	Tandem axle, dump body	1	1				0						1	40	60	0	
165	City of West Burlington	City	3161	23	Drum Roller 40-67"	1	1	1			0						1	0	100	0	
165	City of West Burlington	City	3161	37	Tractor Loader-Backhoe	2	2				0						2	20	80	0	
165	City of West Burlington	City	3161	39	Sweeper, 3 Wheel Mechanical	1	1				0						1	90	10	0	
165	City of West Burlington	City	3161	48	Motor grader, 135 HP or less	1	1				0						1	100	0	0	
165	City of West Burlington	City	3161	53	Skid Steer Loader, Wheel or Track	2	2				0						2	50	50	0	
165	City of West Burlington	City	3161	102	Breaker Pavement, Attachment	1	1	1			0						1	20	80	0	
165	City of West Burlington	City	3161	103	Broom, Attachment	1	1				0						1	50	50	0	
165	City of West Burlington	City	3161	105	Compressor, Air 125-200	1	1				0						1	50	50	0	
165	City of West Burlington	City	3161	112	Filler, Crack	1	1	1			0						1	100	0	0	
165	City of West Burlington	City	3161	113	Grapple Attachment, Loader	1	1				0						1	100	0	0	
165	City of West Burlington	City	3161	122	Marker, Centerline Paint	1	1				0						1	100	0	0	
165	City of West Burlington	City	3161	130	Saw, Concrete	1	1				0						1	60	40	0	

ID	Entity	Type	Pop.	Equip. Line	Type of Equipment	# Owned	# Formal Bld	# Direct Purchase	# Existing Contract	# Purchased Used	No Response Owned	# Leased	# Long Term with Maintenance	# Long Term No Maintenance	# Short Term Rental	No Response Leased	Total # Owned and Leased	% Usage	% Maintenance	% Construction	Other Usage
165	City of West Burlington	City	3161	133	Sewer Jet Vacuum (Combination)	1	1				0						1	100	0	0	
165	City of West Burlington	City	3161	140	Tiller, Power Rake	1		1									1	40	60	0	
165	City of West Burlington	City	3161	146	Washer, Hi-Power Water	1		1									1	100	0	0	
187	City of Sergeant Bluff	City	3321	0	Not Applicable	0											0				
65	City of Adel	City	3435	0	Not Applicable	0											0				
231	City of Osage	City	3451	1	Single Axle, Dump Body	6	5	1									6	70	30	0	
231	City of Osage	City	3451	11	Water Truck	1		1									1	100	0	0	
231	City of Osage	City	3451	23	Drum Roller 40-67"	1			1								1	100	0	0	
231	City of Osage	City	3451	33	Wheel Loader 2 cy +	2	1	1									2	65	35	0	
231	City of Osage	City	3451	34	Mowing Tractor <45 HP	1			1								1	100	0	0	
231	City of Osage	City	3451	37	Tractor Loader-Backhoe	1	1										1	70	30	0	
231	City of Osage	City	3451	39	Sweeper, 3 Wheel Mechanical	1		1									1	100	0	0	
231	City of Osage	City	3451	48	Motor grader, 135 HP or less	2	2										2	90	10	0	
231	City of Osage	City	3451	54	Snow Blower	1			1								1	100	0	0	
231	City of Osage	City	3451	55	Garbage Trucks	1			1								1	100	0	0	
231	City of Osage	City	3451	104	Brush Chipper	1		1									1	100	0	0	
231	City of Osage	City	3451	105	Compressor, Air 125-200	1			1								1	100	0	0	
231	City of Osage	City	3451	112	Filler, Crack	1			1								1	100	0	0	
231	City of Osage	City	3451	116	Kettle, Bitumen Heater	1		1									1	100	0	0	
231	City of Osage	City	3451	122	Marker, Centerline Paint	1			1								1	100	0	0	
231	City of Osage	City	3451	130	Saw, Concrete	1		1									1	50	50	0	
231	City of Osage	City	3451	132	Sewer Jet	1		1									1	100	0	0	
231	City of Osage	City	3451	137	Spade, Tree	1	1										1	20	80	0	
231	City of Osage	City	3451	146	Washer, Hi-Power Water	1		1									1	100	0	0	
192	City of Monticello	City	3607	1	Single Axle, Dump Body	4	4										4	62.5	100	0	0
192	City of Monticello	City	3607	11	Water Truck	1	1										1	100	100	0	0
192	City of Monticello	City	3607	23	Drum Roller 40-67"	1	1										1	100	100	0	0
192	City of Monticello	City	3607	34	Mowing Tractor <45 HP	5	5										5	100	100	0	0
192	City of Monticello	City	3607	37	Tractor Loader-Backhoe	1	1										1	100	100	0	0
192	City of Monticello	City	3607	39	Sweeper, 3 Wheel Mechanical	1	1										1	100	100	0	0
192	City of Monticello	City	3607	48	Motor grader, 135 HP or less	1	1										1	100	100	0	0
192	City of Monticello	City	3607	53	Skid Steer Loader, Wheel or Track	1	1										1	100	100	0	0
192	City of Monticello	City	3607	105	Compressor, Air 125-200	1	1										1				
192	City of Monticello	City	3607	109	Distributor Bitumen, Slip-in or Trailer	1	1										1				
192	City of Monticello	City	3607	130	Saw, Concrete	2	2										2				
192	City of Monticello	City	3607	132	Sewer Jet	1	1										1				
192	City of Monticello	City	3607	133	Sewer Jet Vacuum (Combination)	1	1										1				
192	City of Monticello	City	3607	136	Snow Blower, Attachment	1	1										1				
233	City of New Hampton	City	3692	1	Single Axle, Dump Body	3	3										3	50	50	0	
233	City of New Hampton	City	3692	33	Wheel Loader 2 cy +	1	1										1	90	10	0	
233	City of New Hampton	City	3692	34	Mowing Tractor <45 HP	1	1										1	100	0	0	
233	City of New Hampton	City	3692	39	Sweeper, 3 Wheel Mechanical	1	1										1	100	0	0	
233	City of New Hampton	City	3692	48	Motor grader, 135 HP or less	1			1								1	100	0	0	
233	City of New Hampton	City	3692	54	Snow Blower	1	1										1	100	0	0	
233	City of New Hampton	City	3692	130	Saw, Concrete	1		1									1	0	100	0	
233	City of New Hampton	City	3692	146	Washer, Hi-Power Water	1	1										1	100	0	0	
222	City of Mount Vernon	City	3808	1	Single Axle, Dump Body	4	4										4	100	84	16	0
222	City of Mount Vernon	City	3808	34	Mowing Tractor <45 HP	2	1		1								2	100	94	6	0
222	City of Mount Vernon	City	3808	37	Tractor Loader-Backhoe	1	1										1	100	50	50	0
222	City of Mount Vernon	City	3808	39	Sweeper, 3 Wheel Mechanical	1			1								1	100	100	0	0
222	City of Mount Vernon	City	3808	53	Skid Steer Loader, Wheel or Track	1		1									1	100	50	50	0
222	City of Mount Vernon	City	3808	104	Brush Chipper	1	1										1	100	95	5	0
222	City of Mount Vernon	City	3808	105	Compressor, Air 125-200	1			1								1	100	90	10	0
222	City of Mount Vernon	City	3808	122	Marker, Centerline Paint	1		1									1	100	100	0	0
33	City of Cresco	City	3905	1	Single Axle, Dump Body	4	3		1								4	90	10	0	
33	City of Cresco	City	3905	2	Single axle, flatbed	2	2										2	95	5	0	
33	City of Cresco	City	3905	11	Water Truck	1			1								1	95	5	0	
33	City of Cresco	City	3905	33	Wheel Loader 2 cy +	2	2										2	90	10	0	
33	City of Cresco	City	3905	34	Mowing Tractor <45 HP	1			1								1	100	0	0	
33	City of Cresco	City	3905	35	Mowing Tractor 45-65 HP	1	1										1	100	0	0	
33	City of Cresco	City	3905	39	Sweeper, 3 Wheel Mechanical	1	1										1	98	2	0	
33	City of Cresco	City	3905	48	Motor grader, 135 HP or less	1	1										1	90	10	0	
33	City of Cresco	City	3905	49	Motor grader, >135 HP	1			1								1	90	10	0	
33	City of Cresco	City	3905	104	Brush Chipper	1	1										1	100	0	0	
33	City of Cresco	City	3905	105	Compressor, Air 125-200	1	1										1	95	5	0	
33	City of Cresco	City	3905	129	Roller, Attachment	1			1								1	90	10	0	
33	City of Cresco	City	3905	133	Sewer Jet Vacuum (Combination)	1	1										1	100	0	0	
38	City of Emmetsburg	City	3958	1	Single Axle, Dump Body	6	6										6	95	5	0	
38	City of Emmetsburg	City	3958	30	Loader Crawler 80 HP or less	1	1										1	95	5	0	
38	City of Emmetsburg	City	3958	36	Mowing Tractor 65+ HP	1			1								1	100	0	0	
38	City of Emmetsburg	City	3958	41	Sweeper, 4 Wheel Air	1	1										1	95	5	0	

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38	City of Emmetsburg	City	3958	109	Distributor Bitumen, Slip-in or Trailer	1				1	0						1	100	0	0	
38	City of Emmetsburg	City	3958	113	Grapple Attachment, Loader	1				1	0						1	95	5	0	
38	City of Emmetsburg	City	3958	136	Snow Blower, Attachment	1	1				0						1	100	0	0	
15	City of Dyersville	City	4035	1	Single Axle, Dump Body	5				2	3						5	80	20	0	
15	City of Dyersville	City	4035	32	Wheel Loader 2 cy or less	1				1	0						1	80	20	0	
15	City of Dyersville	City	4035	34	Mowing Tractor <45 HP	1					1	0					1	100	0	0	
15	City of Dyersville	City	4035	35	Mowing Tractor 45-65 HP	1				1	0						1	90	10	0	
15	City of Dyersville	City	4035	39	Sweeper, 3 Wheel Mechanical	1					1	0					1	95	5	0	
15	City of Dyersville	City	4035	53	Skid Steer Loader, Wheel or Track	1					1	0					1	60	40	0	
15	City of Dyersville	City	4035	105	Compressor, Air 125-200	1					1	0					1	50	50	0	
15	City of Dyersville	City	4035	132	Sewer Jet	1					1	0					1	100	0	0	
15	City of Dyersville	City	4035	139	Sweeper Attachment	1			1		0						1	90	10	0	
93	City of Waukon	City	4131	1	Single Axle, Dump Body	2	2				0						2	75	25	0	
93	City of Waukon	City	4131	33	Wheel Loader 2 cy +	1	1				0						1	50	50	0	
93	City of Waukon	City	4131	34	Mowing Tractor <45 HP	1	1				0						1	100	0	0	
93	City of Waukon	City	4131	41	Sweeper, 4 Wheel Air	1	1		1		0						1	75	25	0	
93	City of Waukon	City	4131	65	Pickups	1	1				0						1	100	0	0	
93	City of Waukon	City	4131	105	Compressor, Air 125-200	1	1		1		0						1	100	0	0	
93	City of Waukon	City	4131	136	Snow Blower, Attachment	1	1				0						1	100	0	0	
179	City of Eldridge	City	4159	0	Not Applicable	0					0						0				
136	City of Camanche	City	4215		Damaged Disk																
140	City of Hampton	City	4218	1	Single Axle, Dump Body	5	5				0						5	95	5	0	
140	City of Hampton	City	4218	23	Drum Roller 40-67"	1		1			0						1	100	0	0	
140	City of Hampton	City	4218	32	Wheel Loader 2 cy or less	1	1				0						1	95	5	0	
140	City of Hampton	City	4218	36	Mowing Tractor 65+ HP	1		1			0						1	100	0	0	
140	City of Hampton	City	4218	41	Sweeper, 4 Wheel Air	1	1				0						1	100	0	0	
140	City of Hampton	City	4218	48	Motor grader, 135 HP or less	1	1				0						1	95	5	0	
140	City of Hampton	City	4218	53	Skid Steer Loader, Wheel or Track	1	1				0						1	95	5	0	
140	City of Hampton	City	4218	105	Compressor, Air 125-200	1	1				0						1	100	0	0	
13	City of Forest City	City	4362	1	Single Axle, Dump Body	4		4			0						4	90	10	0	
13	City of Forest City	City	4362	4	Tandem axle, dump body	1		1			0						1	70	30	0	
13	City of Forest City	City	4362	29	Integrated Tool Carrier	1	1				1			1			2	90	10	0	
13	City of Forest City	City	4362	34	Mowing Tractor <45 HP	1				1	0						1	100	0	0	
13	City of Forest City	City	4362	39	Sweeper, 3 Wheel Mechanical	1	1				0						1	100	0	0	
13	City of Forest City	City	4362	41	Sweeper, 4 Wheel Air	1				1	0						1	100	0	0	
13	City of Forest City	City	4362	48	Motor grader, 135 HP or less	1				1	0						1	80	20	0	
13	City of Forest City	City	4362	54	Snow Blower	1				1	0						1	100	0	0	
13	City of Forest City	City	4362	55	Garbage Trucks	3		3			0						3	100	0	0	
13	City of Forest City	City	4362	104	Brush Chipper	1	1				0						1	100	0	0	
13	City of Forest City	City	4362	105	Compressor, Air 125-200	1	1				0						1	100	0	0	
13	City of Forest City	City	4362	113	Grapple Attachment, Loader	1	1				0						1	100	0	0	
13	City of Forest City	City	4362	130	Saw, Concrete	2		2			0						2	60	40	0	
131	City of Humboldt	City	4452		Damaged Disk																
104	City of Evansdale	City	4526	1	Single Axle, Dump Body	2	2				0						2	50	50	0	
104	City of Evansdale	City	4526	4	Tandem axle, dump body	2				2	0						2	50	50	0	
104	City of Evansdale	City	4526	19	Asphalt, Main Screed 10 ft. or less	1	1				0						1	0	100	0	
104	City of Evansdale	City	4526	23	Drum Roller 40-67"	1				1	0						1	50	50	0	
104	City of Evansdale	City	4526	32	Wheel Loader 2 cy or less	1	1				0						1	50	50	0	
104	City of Evansdale	City	4526	35	Mowing Tractor 45-65 HP	1	1				0						1	100	0	0	
104	City of Evansdale	City	4526	37	Tractor Loader-Backhoe	1	1				0						1	50	50	0	
104	City of Evansdale	City	4526	40	Sweeper, 4 Wheel Mechanical	1	1				0						1	100	0	0	
104	City of Evansdale	City	4526	48	Motor grader, 135 HP or less	1				1	0						1	50	50	0	
104	City of Evansdale	City	4526	104	Brush Chipper	1	1				0						1	100	0	0	
104	City of Evansdale	City	4526	105	Compressor, Air 125-200	1	1				0						1	100	0	0	
104	City of Evansdale	City	4526	112	Filler, Crack	1	1				0						1	100	0	0	
104	City of Evansdale	City	4526	143	Trailer, Low Bed 15 Ton	1				1	0						1	0	100	0	
104	City of Evansdale	City	4526	146	Washer, Hi-Power Water	1		1			0						1	100	0	0	
69	City of Chariton	City	4573	1	Single Axle, Dump Body	4	4				0						4	100	100	0	0
69	City of Chariton	City	4573	10	Truck-Mounted Bitumen Distributor	1					1	0					1	25	100	0	0
69	City of Chariton	City	4573	11	Water Truck	1					1	0					1	50	100	0	0
69	City of Chariton	City	4573	23	Drum Roller 40-67"	1	1				0						1	25	100	0	0
69	City of Chariton	City	4573	27	Sheep's Foot Roller 40-67"	1				1	0						1	25	100	0	0
69	City of Chariton	City	4573	32	Wheel Loader 2 cy or less	0					1	0			1		1	25	100	0	0
69	City of Chariton	City	4573	33	Wheel Loader 2 cy +	1				1	0						1	25	100	0	0
69	City of Chariton	City	4573	34	Mowing Tractor <45 HP	2	2				0						2	50	100	0	0
69	City of Chariton	City	4573	35	Mowing Tractor 45-65 HP	1	1				0						1	25	100	0	0
69	City of Chariton	City	4573	39	Sweeper, 3 Wheel Mechanical	1	1				0						1	25	100	0	0
69	City of Chariton	City	4573	48	Motor grader, 135 HP or less	0					1	0		1			1	25	100	0	0
217	City of Winterset	City	4768	1	Single Axle, Dump Body	3	3				0						3	100	100	0	0
217	City of Winterset	City	4768	11	Water Truck	1				1	0						1	100	100	0	0
217	City of Winterset	City	4768	32	Wheel Loader 2 cy or less	1		1			0						1	100	100	0	0

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217	City of Winterset	City	4768	35	Mowing Tractor 45-65 HP	1		1			0						1	75	100	0	0
217	City of Winterset	City	4768	37	Tractor Loader-Backhoe	1	1				0						1	100	100	0	0
217	City of Winterset	City	4768	39	Sweeper, 3 Wheel Mechanical	2	1		1		0						2	100	100	0	0
217	City of Winterset	City	4768	49	Motor grader, >135 HP	1			1		0						1	100	100	0	0
161	City of Sheldon	City	4914	1	Single Axle, Dump Body	6				6	0						6	100	0	0	0
161	City of Sheldon	City	4914	2	Single axle, flatbed	2				2	0						2	100	0	0	0
161	City of Sheldon	City	4914	4	Tandem axle, dump body	1				1	0						1	100	0	0	0
161	City of Sheldon	City	4914	33	Wheel Loader 2 cy +	2	1	1			0						2	100	0	0	0
161	City of Sheldon	City	4914	102	Breaker Pavement, Attachment	1	1				0						1	100	0	0	0
161	City of Sheldon	City	4914	103	Broom, Attachment	1	1				0						1	100	0	0	0
161	City of Sheldon	City	4914	105	Compressor, Air 125-200	1	1				0						1	100	0	0	0
161	City of Sheldon	City	4914	112	Filler, Crack	1			1		0						1	100	0	0	0
161	City of Sheldon	City	4914	122	Marker, Centerline Paint	1	1				0						1	100	0	0	0
161	City of Sheldon	City	4914	132	Sewer Jet	1	1				0						1	100	0	0	0
71	City of Dewitt	City	5049	1	Single Axle, Dump Body	5	2			3	0						5	100	60	40	0
71	City of Dewitt	City	5049	3	Single axle, van body	1	1				0						1	100	100	0	0
71	City of Dewitt	City	5049	9	Platform Boom (High-Reach)	1	1			1	0						1	100	100	0	0
71	City of Dewitt	City	5049	26	Rubber Tire Roller 9 wheel	1			1		0						1	75	0	100	0
71	City of Dewitt	City	5049	33	Wheel Loader 2 cy +	1	1				0						1	100	63	37	0
71	City of Dewitt	City	5049	36	Mowing Tractor 65+ HP	1	1				0						1	100	93	7	0
71	City of Dewitt	City	5049	37	Tractor Loader-Backhoe	1	1				0						1	100	63	37	0
71	City of Dewitt	City	5049	41	Sweeper, 4 Wheel Air	1	1				0						1	100	100	0	0
71	City of Dewitt	City	5049	48	Motor grader, 135 HP or less	2				2	0						2	100	63	37	0
71	City of Dewitt	City	5049	102	Breaker Pavement, Attachment	1	1				0						1	100	90	10	0
71	City of Dewitt	City	5049	104	Brush Chipper	1	1				0						1	100	100	0	0
71	City of Dewitt	City	5049	105	Compressor, Air 125-200	1				1	0						1	100	93	7	0
71	City of Dewitt	City	5049	132	Sewer Jet	1	1				0						1	100	100	0	0
71	City of Dewitt	City	5049	136	Snow Blower, Attachment	1				1	0						1	25	100	0	0
183	City of Grimes	City	5098	0	Not Applicable	0					0						0				
209	City of Vinton	City	5102	1	Single Axle, Dump Body	4	3			1	0						4		80	20	0
209	City of Vinton	City	5102	4	Tandem axle, dump body	1				1	0						1	100	0	0	0
209	City of Vinton	City	5102	10	Truck-Mounted Bitumen Distributor	1	1				0						1	100	0	0	0
209	City of Vinton	City	5102	23	Drum Roller 40-67"	1	1				0						1	100	0	0	0
209	City of Vinton	City	5102	30	Loader Crawler 80 HP or less	1				1	0						1	100	0	0	0
209	City of Vinton	City	5102	32	Wheel Loader 2 cy or less	1	1				0						1	80	20	0	0
209	City of Vinton	City	5102	36	Mowing Tractor 65+ HP	1	1				0						1	100	0	0	0
209	City of Vinton	City	5102	37	Tractor Loader-Backhoe	2	2				0						2	100	0	0	0
209	City of Vinton	City	5102	39	Sweeper, 3 Wheel Mechanical	1	1				0						1	100	0	0	0
209	City of Vinton	City	5102	48	Motor grader, 135 HP or less	1	1				0						1	80	20	0	0
209	City of Vinton	City	5102	49	Motor grader, >135 HP	1	1				0						1	80	20	0	0
209	City of Vinton	City	5102	53	Skid Steer Loader, Wheel or Track	1	1				0						1	100	0	0	0
209	City of Vinton	City	5102	102	Breaker Pavement, Attachment	1	1				0						1	100	0	0	0
209	City of Vinton	City	5102	104	Brush Chipper	1	1				0						1	100	0	0	0
209	City of Vinton	City	5102	105	Compressor, Air 125-200	1	1				0						1	100	0	0	0
209	City of Vinton	City	5102	125	Mixer, Bitumen Recycler	1	1				0						1	95	5	0	0
209	City of Vinton	City	5102	130	Saw, Concrete	1	1				0						1	100	0	0	0
209	City of Vinton	City	5102	133	Sewer Jet Vacuum (Combination)	1	1				0						1	100	0	0	0
209	City of Vinton	City	5102	136	Snow Blower, Attachment	1	1				0						1	100	0	0	0
209	City of Vinton	City	5102	143	Trailer, Low Bed 15 Ton	1				1	0						1	100	0	0	0
226	City of Waukeee	City	5126	1	Single Axle, Dump Body	6	3			3	0						6	85	15	0	0
226	City of Waukeee	City	5126	9	Platform Boom (High-Reach)	1				1	0						1	100	0	0	0
226	City of Waukeee	City	5126	11	Water Truck	1				1	0						1	100	0	0	0
226	City of Waukeee	City	5126	22	Concrete, Main Screenshot > 10 ft.	1		1			0						1	100	0	0	0
226	City of Waukeee	City	5126	33	Wheel Loader 2 cy +	1	1				0						1				
226	City of Waukeee	City	5126	34	Mowing Tractor <45 HP	1	1				0						1				
226	City of Waukeee	City	5126	37	Tractor Loader-Backhoe	1	1				0						1				
226	City of Waukeee	City	5126	39	Sweeper, 3 Wheel Mechanical	0					1			1			1				
226	City of Waukeee	City	5126	48	Motor grader, 135 HP or less	1				1	0						1				
226	City of Waukeee	City	5126	53	Skid Steer Loader, Wheel or Track	1	1				0						1				
226	City of Waukeee	City	5126	103	Broom, Attachment	1	1				0						1				
226	City of Waukeee	City	5126	105	Compressor, Air 125-200	2	1			1	0						2				
226	City of Waukeee	City	5126	112	Filler, Crack	1	1				0						1				
226	City of Waukeee	City	5126	130	Saw, Concrete	1	1				0						1				
92	City of Manchester	City	5257	1	Single Axle, Dump Body	5	5				0						5				
92	City of Manchester	City	5257	23	Drum Roller 40-67"	1	1				0						1				
92	City of Manchester	City	5257	33	Wheel Loader 2 cy +	1	1				0						1				
92	City of Manchester	City	5257	34	Mowing Tractor <45 HP	1	1				0						1				
92	City of Manchester	City	5257	37	Tractor Loader-Backhoe	1	1				0						1				
92	City of Manchester	City	5257	41	Sweeper, 4 Wheel Air	1	1				0						1				
92	City of Manchester	City	5257	49	Motor grader, >135 HP	1	1				0						1				
92	City of Manchester	City	5257	105	Compressor, Air 125-200	1	1				0						1				

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92	City of Manchester	City	5257	133	Sewer Jet Vacuum (Combination)	1	1				0						1				
92	City of Manchester	City	5257	136	Snow Blower, Attachment	1	1				0						1				
216	City of Harlan	City	5282	1	Single Axle, Dump Body	5	5				0						5	95	79	21	0
216	City of Harlan	City	5282	11	Water Truck	1	1				0						1	50	100	0	0
216	City of Harlan	City	5282	25	Rubber Tire Roller 7 wheel	1	1			1	0						1	50	50	50	0
216	City of Harlan	City	5282	33	Wheel Loader 2 cy +	1	1				0						1	100	100	0	0
216	City of Harlan	City	5282	34	Mowing Tractor <45 HP	2	1		1		0						2	75	100	0	0
216	City of Harlan	City	5282	37	Tractor Loader-Backhoe	1	1				0						1	100	75	25	0
216	City of Harlan	City	5282	39	Sweeper, 3 Wheel Mechanical	1	1				0						1	75	100	0	0
216	City of Harlan	City	5282	49	Motor grader, >135 HP	1	1		1		0						1	100	75	25	0
216	City of Harlan	City	5282	53	Skid Steer Loader, Wheel or Track	1	1				0						1	100	75	25	0
216	City of Harlan	City	5282	102	Breaker Pavement, Attachment	1	1				0						1	75	100	0	0
216	City of Harlan	City	5282	105	Compressor, Air 125-200	1	1				0						1	75	67	33	0
216	City of Harlan	City	5282	112	Filler, Crack	1	1		1		0						1	50	100	0	0
216	City of Harlan	City	5282	122	Marker, Centerline Paint	1	1				0						1	25	100	0	0
216	City of Harlan	City	5282	130	Saw, Concrete	1	1				0						1	75	100	0	0
20	City of Glenwood	City	5358	1	Single Axle, Dump Body	3	3				0						3	88	12	0	0
20	City of Glenwood	City	5358	4	Tandem axle, dump body	1	1				0						1	74	26	0	0
20	City of Glenwood	City	5358	11	Water Truck	1	1				0						1	92	8	0	0
20	City of Glenwood	City	5358	33	Wheel Loader 2 cy +	1	1				0						1	90	10	0	0
20	City of Glenwood	City	5358	34	Mowing Tractor <45 HP	4	4				0						4	100	0	0	0
20	City of Glenwood	City	5358	35	Mowing Tractor 45-65 HP	1	1				0						1	100	0	0	0
20	City of Glenwood	City	5358	37	Tractor Loader-Backhoe	2	2				0						2	90	10	0	0
20	City of Glenwood	City	5358	41	Sweeper, 4 Wheel Air	1	1				0						1	100	0	0	0
20	City of Glenwood	City	5358	48	Motor grader, 135 HP or less	1	1				0						1	98	2	0	0
20	City of Glenwood	City	5358	102	Breaker Pavement, Attachment	1	1				0						1	100	0	0	0
20	City of Glenwood	City	5358	104	Brush Chipper	1	1				0						1	100	0	0	0
20	City of Glenwood	City	5358	105	Compressor, Air 125-200	1	1				0						1	96	4	0	0
20	City of Glenwood	City	5358	116	Kettle, Bitumen Heater	1	1				0						1	98	2	0	0
20	City of Glenwood	City	5358	130	Saw, Concrete	1	1				0						1	100	0	0	0
20	City of Glenwood	City	5358	132	Sewer Jet	1	1				0						1	100	0	0	0
180	City of Anamosa	City	5494	0	Not Applicable	0	0				0						0				
132	City of Shenandoah Street Department	City	5546	1	Single Axle, Dump Body	2	2				0						2	50	50	0	0
132	City of Shenandoah Street Department	City	5546	2	Single axle, flatbed	1	1				0						1	66	34	0	0
132	City of Shenandoah Street Department	City	5546	27	Sheep's Foot Roller 40-67"	1	1				0						1	50	50	0	0
132	City of Shenandoah Street Department	City	5546	33	Wheel Loader 2 cy +	2	2				0						2	50	50	0	0
132	City of Shenandoah Street Department	City	5546	34	Mowing Tractor <45 HP	1	1				0						1	100	0	0	0
132	City of Shenandoah Street Department	City	5546	36	Mowing Tractor 65+ HP	1	1				0						1	100	0	0	0
132	City of Shenandoah Street Department	City	5546	37	Tractor Loader-Backhoe	1	1				0						1	50	50	0	0
132	City of Shenandoah Street Department	City	5546	39	Sweeper, 3 Wheel Mechanical	1	1				0						1	100	0	0	0
132	City of Shenandoah Street Department	City	5546	48	Motor grader, 135 HP or less	2	2				0						2	60	40	0	0
132	City of Shenandoah Street Department	City	5546	104	Brush Chipper	1	1				0						1	100	0	0	0
132	City of Shenandoah Street Department	City	5546	130	Saw, Concrete	1	1				0						1	100	0	0	0
132	City of Shenandoah Street Department	City	5546	132	Sewer Jet	1	1				0						1	100	0	0	0
132	City of Shenandoah Street Department	City	5546	133	Sewer Jet Vacuum (Combination)	1	1				0						1	100	0	0	0
132	City of Shenandoah Street Department	City	5546	136	Snow Blower, Attachment	1	1				0						1	100	0	0	0
166	City of Clarinda	City	5690	1	Single Axle, Dump Body	3	3			3	0						3	100	0	0	0
166	City of Clarinda	City	5690	9	Platform Boom (High-Reach)	1	1				0						1	100	0	0	0
166	City of Clarinda	City	5690	32	Wheel Loader 2 cy or less	1	1				0						1	100	0	0	0
166	City of Clarinda	City	5690	34	Mowing Tractor <45 HP	1	1				0						1	100	0	0	0
166	City of Clarinda	City	5690	36	Mowing Tractor 65+ HP	2	2				0						2	100	0	0	0
166	City of Clarinda	City	5690	37	Tractor Loader-Backhoe	1	1				0						1	100	0	0	0
166	City of Clarinda	City	5690	40	Sweeper, 4 Wheel Mechanical	1	1				0						1	100	0	0	0
166	City of Clarinda	City	5690	48	Motor grader, 135 HP or less	1	1			1	0						1	100	0	0	0
166	City of Clarinda	City	5690	53	Skid Steer Loader, Wheel or Track	1	1		1		0						1	100	0	0	0
166	City of Clarinda	City	5690	55	Sewer Jet Truck	1	1				0						1	100	0	0	0
166	City of Clarinda	City	5690	102	Breaker Pavement, Attachment	1	1				0						1	100	0	0	0
166	City of Clarinda	City	5690	130	Saw, Concrete	1	1				0						1	100	0	0	0
166	City of Clarinda	City	5690	136	Snow Blower, Attachment	1	1				0						1	100	0	0	0
253	City of Algona	City	5741	1	Single Axle, Dump Body	7	7				0						7	100	0	0	0
253	City of Algona	City	5741	23	Drum Roller 40-67"	1	1			1	0						1	100	0	0	0
253	City of Algona	City	5741	33	Wheel Loader 2 cy+	1	1				0						1	100	0	0	0
253	City of Algona	City	5741	34	Mowing Tractor <45 HP	2	2				0						2	100	0	0	0
253	City of Algona	City	5741	35	Mowing Tractor 45-65 HP	1	1				0						1	100	0	0	0
253	City of Algona	City	5741	37	Tractor Loader-Backhoe	1	1				0						1	100	0	0	0
253	City of Algona	City	5741	39	Sweeper, 3 Wheel Mechanical	1	1				0						1	100	0	0	0
253	City of Algona	City	5741	48	Motor grader, 135 HP or less	1	1			1	0						1	100	0	0	0
253	City of Algona	City	5741	53	Skid Steer Loader, Wheel or Track	1	1				0						1	100	0	0	0
253	City of Algona	City	5741	103	Broom, Attachment	1	1				0						1	100	0	0	0
253	City of Algona	City	5741	104	Brush Chipper	1	1				0						1	100	0	0	0
253	City of Algona	City	5741	105	Compressor, Air 125-200	1	1				0						1	100	0	0	0

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253	City of Algona	City	5741	109	Distributor Bitumen, Slip-in or Trailer	1				1							1	100	0	0	
253	City of Algona	City	5741	112	Filler, Crack	1		1									1	100	0	0	
253	City of Algona	City	5741	114	Heater, Pre-Mix	1				1							1	100	0	0	
253	City of Algona	City	5741	122	Marker, Centerline Paint	2		2									2	100	0	0	
253	City of Algona	City	5741	124	Milling Head	1				1							1	100	0	0	
253	City of Algona	City	5741	130	Saw, Concrete	1		1									1	100	0	0	
253	City of Algona	City	5741	132	Sewer Jet	1		1									1	100	0	0	
253	City of Algona	City	5741	136	Snow Blower, Attachment	2		2									2	100	0	0	
253	City of Algona	City	5741	147	Leaf Vac	1		1									1	100	0	0	
230	City of Sioux Center, Iowa	City	6002	1	Single Axle, Dump Body	3		3			0						3	100	0	0	
230	City of Sioux Center, Iowa	City	6002	2	Single axle, flatbed	1		1			0						1	100	0	0	
230	City of Sioux Center, Iowa	City	6002	11	Water Truck	1				1	0						1	100	0	0	
230	City of Sioux Center, Iowa	City	6002	28	Sheep's Foot Roller 67"+	1				1	0						1	100	0	0	
230	City of Sioux Center, Iowa	City	6002	33	Wheel Loader 2 cy +	3		3			0						3	100	0	0	
230	City of Sioux Center, Iowa	City	6002	34	Mowing Tractor <45 HP	1		1			0						1	100	0	0	
230	City of Sioux Center, Iowa	City	6002	38	Tractor Loader-Box Blade	1		1			0						1	100	0	0	
230	City of Sioux Center, Iowa	City	6002	41	Sweeper, 4 Wheel Air	1		1			0						1	100	0	0	
230	City of Sioux Center, Iowa	City	6002	49	Motor grader, >135 HP	3				3	0						3	100	0	0	
230	City of Sioux Center, Iowa	City	6002	53	Skid Steer Loader, Wheel or Track	1		1			0						1	100	0	0	
230	City of Sioux Center, Iowa	City	6002	103	Broom, Attachment	1		1			0						1	100	0	0	
230	City of Sioux Center, Iowa	City	6002	104	Brush Chipper	1		1			0						1	100	0	0	
230	City of Sioux Center, Iowa	City	6002	106	Compressor, Air 200+	1		1			0						1	100	0	0	
230	City of Sioux Center, Iowa	City	6002	130	Saw, Concrete	1				1	0						1	100	0	0	
230	City of Sioux Center, Iowa	City	6002	136	Snow Blower, Attachment	1		1			0						1	100	0	0	
230	City of Sioux Center, Iowa	City	6002	207	Sidewalk, Sweeper	1		1			0						1	100	0	0	
169	City of Maquoketa	City	6112	1	Single Axle, Dump Body	5		3		2							5	75	25	0	
169	City of Maquoketa	City	6112	2	Single axle, flatbed	1		1									1	75	25	0	
169	City of Maquoketa	City	6112	11	Water Truck	1		1									1	90	10	0	
169	City of Maquoketa	City	6112	33	Wheel Loader 2 cy +	1		1									1	90	10	0	
169	City of Maquoketa	City	6112	34	Mowing Tractor <45 HP	2		2									2	90	10	0	
169	City of Maquoketa	City	6112	37	Tractor Loader-Backhoe	1		1									1	100	0	0	
169	City of Maquoketa	City	6112	38	Tractor Loader-Box Blade	1				1							1	75	25	0	
169	City of Maquoketa	City	6112	41	Sweeper, 4 Wheel Air	1		1									1	100	0	0	
169	City of Maquoketa	City	6112	48	Motor grader, 135 HP or less	1				1							1	100	0	0	
169	City of Maquoketa	City	6112	53	Skid Steer Loader, Wheel or Track	1		1									1	90	10	0	
169	City of Maquoketa	City	6112	102	Breaker Pavement, Attachment	1		1									1	90	10	0	
169	City of Maquoketa	City	6112	103	Broom, Attachment	1		1									1	100	0	0	
169	City of Maquoketa	City	6112	105	Compressor, Air 125-200	1		1									1	90	10	0	
169	City of Maquoketa	City	6112	112	Filler, Crack	1		1									1	100	0	0	
169	City of Maquoketa	City	6112	130	Saw, Concrete	1		1									1	100	0	0	
169	City of Maquoketa	City	6112	131	Seeder	1		1									1	80	20	0	
169	City of Maquoketa	City	6112	132	Sewer Jet	1		1									1	100	0	0	
169	City of Maquoketa	City	6112	139	Sweeper Attachment	1		1									1	90	10	0	
169	City of Maquoketa	City	6112	145	Trailer, Van	1				1							1	80	20	0	
169	City of Maquoketa	City	6112	146	Washer, Hi-Power Water	1		1									1	100	0	0	
249	City of Hiawatha	City	6480	1	Single Axle, Dump Body	3		3			0						3	90	10	0	
249	City of Hiawatha	City	6480	35	Mowing Tractor 45-65 HP	1		1			0						1	100	0	0	
249	City of Hiawatha	City	6480	37	Tractor Loader-Backhoe	2		2									2	90	10	0	
249	City of Hiawatha	City	6480	49	Motor grader, >135 HP	1		1									1	90	10	0	
249	City of Hiawatha	City	6480	102	Breaker Pavement, Attachment	1		1									1	90	10	0	
249	City of Hiawatha	City	6480	130	Saw, Concrete	1		1									1	90	10	0	
249	City of Hiawatha	City	6480	132	Sewer Jet	1		1									1	100	0	0	
247	City of Estherville	City	6656	1	Single Axle, Dump Body	6		6			0						6	17	100	0	
247	City of Estherville	City	6656	23	Drum Roller 40-67"	1		1									1	100	100	0	0
247	City of Estherville	City	6656	33	Wheel Loader 2 cy +	2		2			0						2	100	100	0	0
247	City of Estherville	City	6656	34	Mowing Tractor <45 HP	3		3			0						3	100	100	0	0
247	City of Estherville	City	6656	41	Sweeper, 4 Wheel Air	1		1									1	100	100	0	0
247	City of Estherville	City	6656	48	Motor grader, 135 HP or less	1		1									1	100	100	0	0
247	City of Estherville	City	6656	104	Brush Chipper	1		1									1	100	100	0	0
247	City of Estherville	City	6656	105	Compressor, Air 125-200	1		1									1	100	100	0	0
247	City of Estherville	City	6656	108	Cutter, Stump	1		1									1	100	100	0	0
247	City of Estherville	City	6656	112	Filler, Crack	1		1									1	100	100	0	0
247	City of Estherville	City	6656	130	Saw, Concrete	1		1									1	100	100	0	0
247	City of Estherville	City	6656	132	Sewer Jet	1		1									1	100	100	0	0
247	City of Estherville	City	6656	136	Snow Blower, Attachment	1		1									1	100	100	0	0
247	City of Estherville	City	6656	146	Washer, Hi-Power Water	1		1									1	100	100	0	0
32	City of Oelwein	City	6692	1	Single Axle, Dump Body	4		4			0						4	100	0	0	
32	City of Oelwein	City	6692	4	Tandem axle, dump body	1		1									1	100	0	0	
32	City of Oelwein	City	6692	23	Drum Roller 40-67"	1		1			1						1	100	0	0	
32	City of Oelwein	City	6692	33	Wheel Loader 2 cy +	1					1						1	100	0	0	
32	City of Oelwein	City	6692	34	Mowing Tractor <45 HP	1				1							1	100	0	0	

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32	City of Oelwein	City	6692	37	Tractor Loader-Backhoe	1				1	0					1	100	0	0		
32	City of Oelwein	City	6692	39	Sweeper, 3 Wheel Mechanical	2	2				0					2	100	0	0		
32	City of Oelwein	City	6692	48	Motor grader, 135 HP or less	1	1				0					1	100	0	0		
32	City of Oelwein	City	6692	49	Motor grader, >135 HP	1				1	0					1	100	0	0		
32	City of Oelwein	City	6692	102	Breaker Pavement, Attachment	1		1			0					1	100	0	0		
32	City of Oelwein	City	6692	104	Brush Chipper	1				1	0					1	100	0	0		
32	City of Oelwein	City	6692	130	Saw, Concrete	1	1				0					1	100	0	0		
32	City of Oelwein	City	6692	136	Snow Blower, Attachment	1				1	0					1	100	0	0		
32	City of Oelwein	City	6692	143	Trailer, Low Bed 15 Ton	1				1	0					1	100	0	0		
228	City of Washington	City	7047	1	Single Axle, Dump Body	6		6			0					6	80	20	0		
228	City of Washington	City	7047	11	Water Truck	1		1			0					1	100	0	0		
228	City of Washington	City	7047	23	Drum Roller 40-67"	1		1			0					1	50	50	0		
228	City of Washington	City	7047	32	Wheel Loader 2 cy or less	2		2			0					2	80	20	0		
228	City of Washington	City	7047	37	Tractor Loader-Backhoe	2		2			0					2	80	20	0		
228	City of Washington	City	7047	48	Motor grader, 135 HP or less	1		1			0					1	100	0	0		
228	City of Washington	City	7047	102	Breaker Pavement, Attachment	1		1			0					1	100	0	0		
228	City of Washington	City	7047	109	Distributor Bitumen, Slip-in or Trailer	1		1			0					1	100	0	0		
228	City of Washington	City	7047	122	Marker, Centerline Paint	1		1			0					1	100	0	0		
228	City of Washington	City	7047	129	Roller, Attachment	1		1			0					1	80	20	0		
228	City of Washington	City	7047	130	Saw, Concrete	1		1			0					1	80	20	0		
228	City of Washington	City	7047	132	Sewer Jet	1		1			0					1	100	0	0		
228	City of Washington	City	7047	133	Sewer Jet Vacuum (Combination)	1		1			0					1	100	0	0		
228	City of Washington	City	7047	139	Sweeper Attachment	1		1			0					1	100	0	0		
228	City of Washington	City	7047	146	Washer, Hi-Power Water	1		1			0					1	100	0	0		
211	City of Atlantic Street Department	City	7257	1	Single Axle, Dump Body	7	7				0					7	100	0	0		
211	City of Atlantic Street Department	City	7257	10	Truck-Mounted Bitumen Distributor	1				1	0					1	100	0	0		
211	City of Atlantic Street Department	City	7257	11	Water Truck	1				1	0					1	100	0	0		
211	City of Atlantic Street Department	City	7257	12	Semi-Tractor	1				1	0					1	100	0	0		
211	City of Atlantic Street Department	City	7257	13	Hydraulic wheeled, < 1 cy	1				1	0					1	100	0	0		
211	City of Atlantic Street Department	City	7257	20	Asphalt, Main Screed > 10 ft.	1	1				0					1	100	0	0		
211	City of Atlantic Street Department	City	7257	23	Drum Roller 40-67"	2	2				0					2	100	0	0		
211	City of Atlantic Street Department	City	7257	25	Rubber Tire Roller 7 wheel	1				1	0					1	100	0	0		
211	City of Atlantic Street Department	City	7257	26	Rubber Tire Roller 9 wheel	1				1	0					1	100	0	0		
211	City of Atlantic Street Department	City	7257	33	Wheel Loader 2 cy +	1	1				0					1	100	0	0		
211	City of Atlantic Street Department	City	7257	34	Mowing Tractor <45 HP	1		1			0					1	100	0	0		
211	City of Atlantic Street Department	City	7257	39	Sweeper, 3 Wheel Mechanical	1	1				0					1	100	0	0		
211	City of Atlantic Street Department	City	7257	49	Motor grader, >135 HP	1	1				0					1	100	0	0		
211	City of Atlantic Street Department	City	7257	50	Self-Propelled Chip Spreader	1				1	0					1	100	0	0		
211	City of Atlantic Street Department	City	7257	53	Skid Steer Loader, Wheel or Track	1	1				0					1	100	0	0		
211	City of Atlantic Street Department	City	7257	54	Snow Blower	1				1	0					1	100	0	0		
211	City of Atlantic Street Department	City	7257	105	Compressor, Air 125-200	1	1				0					1	100	0	0		
211	City of Atlantic Street Department	City	7257	109	Distributor Bitumen, Slip-in or Trailer	1				1	0					1	100	0	0		
211	City of Atlantic Street Department	City	7257	130	Saw, Concrete	1	1				0					1	100	0	0		
211	City of Atlantic Street Department	City	7257	133	Sewer Jet Vacuum (Combination)	1	1				0					1	100	0	0		
211	City of Atlantic Street Department	City	7257	143	Trailer, Low Bed 15 Ton	2	2				0					2	100	0	0		
211	City of Atlantic Street Department	City	7257	189	45' Boom Truck	1				1	0					1	100	0	0		
211	City of Atlantic Street Department	City	7257	190	Aq gater-wastewater	1	1				0					1	100	0	0		
211	City of Atlantic Street Department	City	7257	192	Semi: Liquid Trailer - Waste Water	1				1	0					1	100	0	0		
211	City of Atlantic Street Department	City	7257	193	Paint Machine	1	1				0					1	100	0	0		
211	City of Atlantic Street Department	City	7257	194	Mosquito Sprayer	1		1			0					1	100	0	0		
211	City of Atlantic Street Department	City	7257	195	Backhoe Loader Mounted	1	1				0					1	100	0	0		
213	Denison Street Department	City	7339	1	Single Axle, Dump Body	7	7				0					7	90	100	0	0	
213	Denison Street Department	City	7339	11	Water Truck	1	1				0					1	90	100	0	0	
213	Denison Street Department	City	7339	33	Wheel Loader 2 cy +	2	2				0					2	90	100	0	0	
213	Denison Street Department	City	7339	34	Mowing Tractor <45 HP	5		5			0					5	50	100	0	0	
213	Denison Street Department	City	7339	37	Tractor Loader-Backhoe	1				1	0					1	90	100	0	0	
213	Denison Street Department	City	7339	39	Sweeper, 3 Wheel Mechanical	1	1				0					1	90	100	0	0	
213	Denison Street Department	City	7339	49	Motor grader, >135 HP	2				2	0					2	50	100	0	0	
213	Denison Street Department	City	7339	53	Skid Steer Loader, Wheel or Track	1	1				0					1	90	100	0	0	
213	Denison Street Department	City	7339	104	Brush Chipper	1				1	0					1	50	100	0	0	
213	Denison Street Department	City	7339	130	Saw, Concrete	2	2				0					2	50	100	0	0	
213	Denison Street Department	City	7339	132	Sewer Jet	1				1	0					1	50	100	0	0	
213	Denison Street Department	City	7339	136	Snow Blower, Attachment	1	1				0					1	80	100	0	0	
213	Denison Street Department	City	7339	146	Washer, Hi-Power Water	1	1				0					1	50	100	0	0	
50	City of Creston	City	7597	1	Single Axle, Dump Body	7	7				0					7	100	68	32	0	
50	City of Creston	City	7597	10	Truck-Mounted Bitumen Distributor	1	1				0					1	50	50	0	0	
50	City of Creston	City	7597	11	Water Truck	1				1	0					1	50	50	0	0	
50	City of Creston	City	7597	23	Drum Roller 40-67"	1	1				0					1	40	60	0	0	
50	City of Creston	City	7597	26	Rubber Tire Roller 9 wheel	1	1				0					1	0	100	0	0	
50	City of Creston	City	7597	27	Sheep's Foot Roller 40-67"	1				1	0					1	0	100	0	0	
50	City of Creston	City	7597	33	Wheel Loader 2 cy +	1	1				0					1	50	50	0	0	

ID	Entity	Type	Pop.	Equip. Line	Type of Equipment															Total # Owned and Leased	% Usage	% Maintenance	% Construction	Other Usage
						# Owned	# Formal Bld	# Direct Purchase	# Existing Contract	# Purchased Used	No Response Owned	# Leased	# Long Term with Maintenance	# Long Term No Maintenance	# Short Term Rental	No Response Leased								
50	City of Creston	City	7597	37	Tractor Loader-Backhoe	1	1											1	50	50	0			
50	City of Creston	City	7597	39	Sweeper, 3 Wheel Mechanical	1	1											1	100	0	0			
50	City of Creston	City	7597	48	Motor grader, 135 HP or less	1	1											1	50	50	0			
50	City of Creston	City	7597	53	Skid Steer Loader, Wheel or Track	1		1										1	50	50	0			
50	City of Creston	City	7597	104	Brush Chipper	1		1										1	100	0	0			
50	City of Creston	City	7597	105	Compressor, Air 125-200	1	1											1	50	50	0			
50	City of Creston	City	7597	112	Filler, Crack	1	1											1	100	0	0			
50	City of Creston	City	7597	117	Machine, Asphalt Patcher	1		1										1	100	0	0			
50	City of Creston	City	7597	130	Saw, Concrete	1	1											1	70	30	0			
50	City of Creston	City	7597	136	Snow Blower, Attachment	1	1											1	100	0	0			
50	City of Creston	City	7597	146	Washer, Hi-Power Water	1		1										1	100	0	0			
11	City of Charles City	City	7812	1	Single Axle, Dump Body	6	6											6	90	10	0			
11	City of Charles City	City	7812	11	Water Truck	1	1											1	100	0	0			
11	City of Charles City	City	7812	23	Drum Roller 40-67"	1	1											1	80	20	0			
11	City of Charles City	City	7812	26	Rubber Tire Roller 9 wheel	1	1											1	80	20	0			
11	City of Charles City	City	7812	32	Wheel Loader 2 cy or less	1	1											1	80	20	0			
11	City of Charles City	City	7812	33	Wheel Loader 2 cy +	1	1											1	80	20	0			
11	City of Charles City	City	7812	35	Mowing Tractor 45-65 HP	1	1											1	100	0	0			
11	City of Charles City	City	7812	37	Tractor Loader-Backhoe	1	1											1	70	30	0			
11	City of Charles City	City	7812	39	Sweeper, 3 Wheel Mechanical	1	1											1	100	0	0			
11	City of Charles City	City	7812	48	Motor grader, 135 HP or less	1	1											1	90	10	0			
11	City of Charles City	City	7812	53	Skid Steer Loader, Wheel or Track	1	1											1	90	10	0			
11	City of Charles City	City	7812	102	Breaker Pavement, Attachment	1	1											1	80	20	0			
11	City of Charles City	City	7812	104	Brush Chipper	1	1											1	100	0	0			
11	City of Charles City	City	7812	105	Compressor, Air 125-200	1	1											1	80	20	0			
11	City of Charles City	City	7812	116	Kettle, Bitumen Heater	1	1											1	100	0	0			
11	City of Charles City	City	7812	122	Marker, Centerline Paint	1	1											1	100	0	0			
11	City of Charles City	City	7812	130	Saw, Concrete	1	1											1	70	30	0			
11	City of Charles City	City	7812	133	Sewer Jet Vacuum (Combination)	1	1											1	100	0	0			
11	City of Charles City	City	7812	136	Snow Blower, Attachment	1	1											1	100	0	0			
11	City of Charles City	City	7812	146	Washer, Hi-Power Water	1	1											1	100	0	0			
207	City of Clear Lake Public Works Department	City	8161	1	Single Axle, Dump Body	6	6											6	65	35	0			
207	City of Clear Lake Public Works Department	City	8161	4	Tandem axle, dump body	2	1	1										2	67	33	0			
207	City of Clear Lake Public Works Department	City	8161	33	Wheel Loader 2 cy +	1	1											1	50	50	0			
207	City of Clear Lake Public Works Department	City	8161	35	Mowing Tractor 45-65 HP	1		1										1	100	0	0			
207	City of Clear Lake Public Works Department	City	8161	37	Tractor Loader-Backhoe	2	2											2	46	54	0			
207	City of Clear Lake Public Works Department	City	8161	39	Sweeper, 3 Wheel Mechanical	2	2											2	63	37	0			
207	City of Clear Lake Public Works Department	City	8161	48	Motor grader, 135 HP or less	1		1										1	60	40	0			
207	City of Clear Lake Public Works Department	City	8161	49	Motor grader, >135 HP	1		1										1	57	43	0			
207	City of Clear Lake Public Works Department	City	8161	53	Skid Steer Loader, Wheel or Track	1	1											1	50	50	0			
207	City of Clear Lake Public Works Department	City	8161	102	Breaker Pavement, Attachment	1	1											1	57	43	0			
207	City of Clear Lake Public Works Department	City	8161	105	Compressor, Air 125-200	1	1											1	57	43	0			
207	City of Clear Lake Public Works Department	City	8161	113	Grapple Attachment, Loader	1	1											1	67	33	0			
207	City of Clear Lake Public Works Department	City	8161	122	Marker, Centerline Paint	1	1											1	75	25	0			
207	City of Clear Lake Public Works Department	City	8161	130	Saw, Concrete	1		1										1	50	50	0			
207	City of Clear Lake Public Works Department	City	8161	136	Snow Blower, Attachment	1	1											1	50	50	0			
207	City of Clear Lake Public Works Department	City	8161	138	Sprayer, Weed	1		1										1	100	0	0			
207	City of Clear Lake Public Works Department	City	8161	145	Trailer, Van	1	1											1	43	57	0			
207	City of Clear Lake Public Works Department	City	8161	146	Washer, Hi-Power Water	1	1											1	100	0	0			
207	City of Clear Lake Public Works Department	City	8161	186	Vac-Con Sewer Jet Vacuum	1	1											1	50	50	0			
207	City of Clear Lake Public Works Department	City	8161	187	Trailer, Tandem 12k	1		1										1	50	50	0			
207	City of Clear Lake Public Works Department	City	8161	188	Trailer, Tandem 6k	1		1										1	50	50	0			
115	Decorah Street Department	City	8172	1	Single Axle, Dump Body	5	5											5	100	90	10	0		
115	Decorah Street Department	City	8172	11	Water Truck	1			1									1	75	100	0	0		
115	Decorah Street Department	City	8172	33	Wheel Loader 2 cy +	2	2											2	100	88	12	0		
115	Decorah Street Department	City	8172	36	Mowing Tractor 65+ HP	1	1											1	75	100	0	0		
115	Decorah Street Department	City	8172	37	Tractor Loader-Backhoe	1	1											1	100	88	12	0		
115	Decorah Street Department	City	8172	41	Sweeper, 4 Wheel Air	1	1											1	75	100	0	0		
115	Decorah Street Department	City	8172	48	Motor grader, 135 HP or less	1	1											1	75	100	0	0		
115	Decorah Street Department	City	8172	49	Motor grader, >135 HP	1	1											1	100	94	6	0		
115	Decorah Street Department	City	8172	53	Skid Steer Loader, Wheel or Track	1	1											1	100	88	12	0		
115	Decorah Street Department	City	8172	65	Pickups	4	4											4	100	100	0	0		
115	Decorah Street Department	City	8172	89	One Ton Bucket Truck	1			1									1	100	100	0	0		
115	Decorah Street Department	City	8172	104	Brush Chipper	1	1											1	100	100	0	0		
115	Decorah Street Department	City	8172	105	Compressor, Air 125-200	1	1											1	100	100	0	0		
115	Decorah Street Department	City	8172	117	Machine, Asphalt Patcher	1	1											1	75	100	0	0		
178	City of Webster City	City	8176	0	Not Applicable	0												0						
91	City of Waverly	City	8968	1	Single Axle, Dump Body	9	9											9	70	30	0	0		
91	City of Waverly	City	8968	4	Tandem axle, dump body	1	1											1	75	25	0	0		
91	City of Waverly	City	8968	10	Truck-Mounted Bitumen Distributor	1	1											1	10	90	0	0		
91	City of Waverly	City	8968	23	Drum Roller 40-67"	1	1											1	84	16	0	0		



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91	City of Waverly	City	8968	24	Drum Roller 67+*	1				1	0						1	34	66	0	
91	City of Waverly	City	8968	26	Rubber Tire Roller 9 wheel	1				1	0						1	50	50	0	
91	City of Waverly	City	8968	33	Wheel Loader 2 cy +	2	2				0						2	81	19	0	
91	City of Waverly	City	8968	36	Mowing Tractor 65+ HP	2	2				0						2	100	0	0	
91	City of Waverly	City	8968	37	Tractor Loader-Backhoe	2	2				0						2	75	25	0	
91	City of Waverly	City	8968	39	Sweeper, 3 Wheel Mechanical	1	1				0						1	66	34	0	
91	City of Waverly	City	8968	41	Sweeper, 4 Wheel Air	1	1				0						1	84	16	0	
91	City of Waverly	City	8968	43	Dozer, 150 HP or less	0					1			1			1	100	0	0	
91	City of Waverly	City	8968	49	Motor grader, >135 HP	2	2				0						2	71	29	0	
91	City of Waverly	City	8968	80	Road Mixer	1	1				0						1	20	80	0	
91	City of Waverly	City	8968	130	Saw, Concrete	1	1				0						1	100	0	0	
91	City of Waverly	City	8968	136	Snow Blower, Attachment	1	1				0						1	100	0	0	
91	City of Waverly	City	8968	165	Boom Mower	2	2				0						2	100	0	0	
91	City of Waverly	City	8968	169	Water Tank Attachment	1	1				0						1	25	75	0	
215	City of Grinnell	City	9105	1	Single Axle, Dump Body	4	2	2			0						4	98	2	0	
215	City of Grinnell	City	9105	2	Single axle, flatbed	2	2				0						2	98	2	0	
215	City of Grinnell	City	9105	9	Platform Boom (High-Reach)	1				1	0						1	100	0	0	
215	City of Grinnell	City	9105	11	Water Truck	1				1	0						1	100	0	0	
215	City of Grinnell	City	9105	23	Drum Roller 40-67"	1	1				0						1	50	50	0	
215	City of Grinnell	City	9105	26	Rubber Tire Roller 9 wheel	1					1						1	50	50	0	
215	City of Grinnell	City	9105	32	Wheel Loader 2 cy or less	1	1				0						1	100	0	0	
215	City of Grinnell	City	9105	33	Wheel Loader 2 cy +	1	1				0						1	100	0	0	
215	City of Grinnell	City	9105	37	Tractor Loader-Backhoe	2	1				1	0					2	98	2	0	
215	City of Grinnell	City	9105	39	Sweeper, 3 Wheel Mechanical	1					1	0					1	100	0	0	
215	City of Grinnell	City	9105	42	Cranes	1		1			0						1	90	10	0	
215	City of Grinnell	City	9105	49	Motor grader, >135 HP	1	1				0						1	100	0	0	
215	City of Grinnell	City	9105	53	Skid Steer Loader, Wheel or Track	2	1	1			0						2	95	5	0	
215	City of Grinnell	City	9105	102	Breaker Pavement, Attachment	1		1			0						1	98	2	0	
215	City of Grinnell	City	9105	103	Broom, Attachment	1		1			0						1	100	0	0	
215	City of Grinnell	City	9105	104	Brush Chipper	1	1				0						1	100	0	0	
215	City of Grinnell	City	9105	105	Compressor, Air 125-200	1				1	0						1	98	2	0	
215	City of Grinnell	City	9105	113	Grapple Attachment, Loader	1	1				0						1	100	0	0	
215	City of Grinnell	City	9105	130	Saw, Concrete	1		1			0						1	90	10	0	
215	City of Grinnell	City	9105	132	Sewer Jet	1				1	0						1	100	0	0	
215	City of Grinnell	City	9105	136	Snow Blower, Attachment	3		2	1		0						3	100	0	0	
215	City of Grinnell	City	9105	146	Washer, Hi-Power Water	1	1				0						1	100	0	0	
215	City of Grinnell	City	9105	198	Rear Load Garbage Truck Single Axle with Tag	2	2				0						2	100	0	0	
215	City of Grinnell	City	9105	199	Recycle Truck Single Axle	2	2				0						2	100	0	0	
215	City of Grinnell	City	9105	200	Side Load Garbage Truck Single Axle	1	1				0						1	100	0	0	
248	City of Fairfield	City	9509	1	Single Axle, Dump Body	0					6	21					6	21	100	0	0
248	City of Fairfield	City	9509	9	Platform Boom (High-Reach)	0					0						1	25	100	0	0
248	City of Fairfield	City	9509	11	Water Truck	0					0						1	25	100	0	0
248	City of Fairfield	City	9509	33	Wheel Loader 2 cy +	0					0						1	25	100	0	0
248	City of Fairfield	City	9509	34	Mowing Tractor <45 HP	0					0						2	19	100	0	0
248	City of Fairfield	City	9509	39	Sweeper, 3 Wheel Mechanical	0					0						1	25	100	0	0
248	City of Fairfield	City	9509	49	Motor grader, >135 HP	0					0						1	43	100	0	0
248	City of Fairfield	City	9509	104	Brush Chipper	0					0						1	25	100	0	0
248	City of Fairfield	City	9509	105	Compressor, Air 125-200	0					0						1	25	100	0	0
248	City of Fairfield	City	9509	130	Saw, Concrete	0					0						1	25	100	0	0
248	City of Fairfield	City	9509	133	Sewer Jet Vacuum (Combination)	0					0						1	25	100	0	0
248	City of Fairfield	City	9509	222	Adams Conveyor Loader	0					0						1	25	100	0	0
248	City of Fairfield	City	9509	223	Single Axle sand spreader trucks	0					0						2	25	100	0	0
248	City of Fairfield	City	9509	224	4x4 pickups	0					0						4	25	100	0	0
193	City of Pella	City	9832	0	Not Applicable	0					0						0				0
229	City of Storm Lake	City	10076	1	Single Axle, Dump Body	6	6				0						6	75	83	17	0
229	City of Storm Lake	City	10076	2	Single axle, flatbed	2	2				0						2	50	50	50	0
229	City of Storm Lake	City	10076	4	Tandem axle, dump body	1	1				0						1	100	50	50	0
229	City of Storm Lake	City	10076	9	Platform Boom (High-Reach)	1	1				0						1	100	100	0	0
229	City of Storm Lake	City	10076	23	Drum Roller 40-67"	1	1				0						1	75	50	50	0
229	City of Storm Lake	City	10076	33	Wheel Loader 2 cy +	2	2				0						2	100	50	50	0
229	City of Storm Lake	City	10076	35	Mowing Tractor 45-65 HP	1	1				0						1	0	100	0	0
229	City of Storm Lake	City	10076	37	Tractor Loader-Backhoe	2	2				0						2	100	50	50	0
229	City of Storm Lake	City	10076	41	Sweeper, 4 Wheel Air	1	1				0						1	75	100	0	0
229	City of Storm Lake	City	10076	48	Motor grader, 135 HP or less	1	1				0						1	100	63	37	0
229	City of Storm Lake	City	10076	102	Breaker Pavement, Attachment	1	1				0						1	100	50	50	0
229	City of Storm Lake	City	10076	104	Brush Chipper	1	1				0						1	75	100	0	0
229	City of Storm Lake	City	10076	105	Compressor, Air 125-200	1	1				0						1	100	50	50	0
229	City of Storm Lake	City	10076	116	Kettle, Bitumen Heater	1	1				0						1	100	50	50	0
229	City of Storm Lake	City	10076	122	Marker, Centerline Paint	1	1				0						1	75	50	50	0
229	City of Storm Lake	City	10076	130	Saw, Concrete	1	1				0						1	75	100	0	0
229	City of Storm Lake	City	10076	132	Sewer Jet	1	1				0						1	100	100	0	0

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229	City of Storm Lake	City	10076	136	Snow Blower, Attachment	1	1				0						1	25	100	0	0
112	City of Carroll	City	10106	1	Single Axle, Dump Body	6	6				0						6	100	0	0	0
112	City of Carroll	City	10106	3	Single axle, van body	1	1				0						1	100	0	0	0
112	City of Carroll	City	10106	23	Drum Roller 40-67"	1	1				0						1	100	0	0	0
112	City of Carroll	City	10106	33	Wheel Loader 2 cy +	1	1				0						1	100	0	0	0
112	City of Carroll	City	10106	35	Mowing Tractor 45-65 HP	1	1				0						1	100	0	0	0
112	City of Carroll	City	10106	37	Tractor Loader-Backhoe	1	1				0						1	100	0	0	0
112	City of Carroll	City	10106	39	Sweeper, 3 Wheel Mechanical	1	1				0						1	100	0	0	0
112	City of Carroll	City	10106	48	Motor grader, 135 HP or less	1	1				0						1	100	0	0	0
112	City of Carroll	City	10106	53	Skid Steer Loader, Wheel or Track	1	1				0						1	100	0	0	0
112	City of Carroll	City	10106	102	Breaker Pavement, Attachment	1	1				0						1	100	0	0	0
112	City of Carroll	City	10106	106	Compressor, Air 200+	1	1				0						1	100	0	0	0
112	City of Carroll	City	10106	112	Filler, Crack	1	1				0						1	100	0	0	0
112	City of Carroll	City	10106	130	Saw, Concrete	1	1				0						1	100	0	0	0
112	City of Carroll	City	10106	133	Sewer Jet Vacuum (Combination)	1	1				0						1	100	0	0	0
112	City of Carroll	City	10106	136	Snow Blower, Attachment	2	2				0						2	100	0	0	0
112	City of Carroll	City	10106	146	Washer, Hi-Power Water	1	1				0						1	100	0	0	0
240	City of Altoona	City	10345	1	Single Axle, Dump Body	4	4				0						4	100	63	37	0
240	City of Altoona	City	10345	4	Tandem axle, dump body	1	1				0						1	100	63	37	0
240	City of Altoona	City	10345	9	Platform Boom (High-Reach)	1			1		0						1	100	100	0	0
240	City of Altoona	City	10345	12	Semi-Tractor	2			2		0						2	100	100	0	0
240	City of Altoona	City	10345	32	Wheel Loader 2 cy or less	2	2				0						2	100	100	0	0
240	City of Altoona	City	10345	34	Mowing Tractor <45 HP	3			3		0						3	75	100	0	0
240	City of Altoona	City	10345	36	Mowing Tractor 65+ HP	1	1				0						1	75	100	0	0
240	City of Altoona	City	10345	37	Tractor Loader-Backhoe	1	1				0						1	100	0	100	0
240	City of Altoona	City	10345	41	Sweeper, 4 Wheel Air	1	1				0						1	100	100	0	0
240	City of Altoona	City	10345	48	Motor grader, 135 HP or less	1	1				0						1	100	100	0	0
240	City of Altoona	City	10345	53	Skid Steer Loader, Wheel or Track	1	1				0						1	100	25	75	0
240	City of Altoona	City	10345	102	Breaker Pavement, Attachment	1	1				0						1	100	25	75	0
240	City of Altoona	City	10345	104	Brush Chipper	1	1				0						1	75	100	0	0
240	City of Altoona	City	10345	105	Compressor, Air 125-200	1	1				0						1	100	63	37	0
240	City of Altoona	City	10345	108	Cutter, Stump	1	1				0						1	100	100	0	0
240	City of Altoona	City	10345	110	Drill, Vertical	1	1				0						1	100	100	0	0
240	City of Altoona	City	10345	112	Filler, Crack	1	1				0						1	100	100	0	0
240	City of Altoona	City	10345	116	Kettle, Bitumen Heater	1	1				0						1	100	100	0	0
240	City of Altoona	City	10345	122	Marker, Centerline Paint	1	1				0						1	100	100	0	0
240	City of Altoona	City	10345	130	Saw, Concrete	2	2				0						2	50	25	75	0
240	City of Altoona	City	10345	131	Seeder	1	1				0						1	75	50	50	0
240	City of Altoona	City	10345	132	Sewer Jet	1	1				0						1	100	100	0	0
240	City of Altoona	City	10345	136	Snow Blower, Attachment	1	1				0						1	50	100	0	0
240	City of Altoona	City	10345	137	Spade, Tree	1	1				0						1	75	0	100	0
240	City of Altoona	City	10345	138	Sprayer, Weed	2	2				0						2	75	100	0	0
240	City of Altoona	City	10345	139	Sweeper Attachment	1	1				0						1	100	100	0	0
240	City of Altoona	City	10345	140	Tiller, Power Rake	1	1				0						1	75	25	75	0
240	City of Altoona	City	10345	208	Trailer, Tank, Semi	2			2		0						2	100	100	0	0
127	City of Fort Madison	City	10715		Damaged Disk																
90	City of Oskaloosa	City	10938	1	Single Axle, Dump Body	8	3		5		0						8	100	0	0	0
90	City of Oskaloosa	City	10938	2	Single axle, flatbed	3			3		0						3	100	0	0	0
90	City of Oskaloosa	City	10938	4	Tandem axle, dump body	1			1		0						1	100	0	0	0
90	City of Oskaloosa	City	10938	9	Platform Boom (High-Reach)	1			1		0						1	100	0	0	0
90	City of Oskaloosa	City	10938	11	Water Truck	1			1		0						1	100	0	0	0
90	City of Oskaloosa	City	10938	15	Hydraulic wheeled, 2+ cy	1			1		0						1	100	0	0	0
90	City of Oskaloosa	City	10938	23	Drum Roller 40-67"	1			1		0						1	100	0	0	0
90	City of Oskaloosa	City	10938	24	Drum Roller 67+"	1			1		0						1	100	0	0	0
90	City of Oskaloosa	City	10938	25	Rubber Tire Roller 7 wheel	1			1		0						1	100	0	0	0
90	City of Oskaloosa	City	10938	30	Loader Crawler 80 HP or less	1	1				0						1	100	0	0	0
90	City of Oskaloosa	City	10938	31	Loader Crawler 80+ HP	1	1				0						1	100	0	0	0
90	City of Oskaloosa	City	10938	38	Tractor Loader-Box Blade	2			2		0						2	100	0	0	0
90	City of Oskaloosa	City	10938	40	Sweeper, 4 Wheel Mechanical	1	1				0						1	100	0	0	0
90	City of Oskaloosa	City	10938	49	Motor grader, >135 HP	2			2		0						2	100	0	0	0
90	City of Oskaloosa	City	10938	50	Self-Propelled Chip Spreader	1			1		0						1	100	0	0	0
90	City of Oskaloosa	City	10938	53	Skid Steer Loader, Wheel or Track	1	1				0						1	100	0	0	0
90	City of Oskaloosa	City	10938	75	Pulverizer	2			2		0						2	100	0	0	0
90	City of Oskaloosa	City	10938	77	Oil Distributor	2			2		0						2	100	0	0	0
90	City of Oskaloosa	City	10938	78	Crack Router	1			1		0						1	100	0	0	0
90	City of Oskaloosa	City	10938	79	Cimceal Applicator	1			1		0						1	100	0	0	0
90	City of Oskaloosa	City	10938	104	Brush Chipper	1	1				0						1	100	0	0	0
90	City of Oskaloosa	City	10938	105	Compressor, Air 125-200	1	1				0						1	100	0	0	0
90	City of Oskaloosa	City	10938	122	Marker, Centerline Paint	1	1				0						1	100	0	0	0
90	City of Oskaloosa	City	10938	136	Snow Blower, Attachment	1			1		0						1	100	0	0	0
90	City of Oskaloosa	City	10938	143	Trailer, Low Bed 15 Ton	1	1				0						1	100	0	0	0

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90	City of Oskaloosa	City	10938	146	Washer, Hi-Power Water	1	1				0						1	100	0	0	
237	City of Spencer	City	11317		Damaged Disk																
163	City of Keokuk	City	11427	1	Single Axle, Dump Body	8	8				0						8	100	0	0	
163	City of Keokuk	City	11427	2	Single axle, flatbed	1	1				0						1	100	0	0	
163	City of Keokuk	City	11427	4	Tandem axle, dump body	1	1				0						1	100	0	0	
163	City of Keokuk	City	11427	10	Truck-Mounted Bitumen Distributor	1	1				0						1	100	0	0	
163	City of Keokuk	City	11427	11	Water Truck	1	1				0						1	100	0	0	
163	City of Keokuk	City	11427	16	Hydraulic crawler, <1 cy	1	1				0						1	100	0	0	
163	City of Keokuk	City	11427	23	Drum Roller 40-67"	1	1				0						1	100	0	0	
163	City of Keokuk	City	11427	26	Rubber Tire Roller 9 wheel	1	1				0						1	100	0	0	
163	City of Keokuk	City	11427	32	Wheel Loader 2 cy or less	1	1				0						1	100	0	0	
163	City of Keokuk	City	11427	37	Tractor Loader-Backhoe	1	1				0						1	100	0	0	
163	City of Keokuk	City	11427	41	Sweeper, 4 Wheel Air	1	1				0						1	100	0	0	
163	City of Keokuk	City	11427	48	Motor grader, 135 HP or less	2	2				0						2	100	0	0	
163	City of Keokuk	City	11427	53	Skid Steer Loader, Wheel or Track	1		1			0						1	80	20	0	
163	City of Keokuk	City	11427	105	Compressor, Air 125-200	2	2				0						2	100	0	0	
163	City of Keokuk	City	11427	109	Distributor Bitumen, Slip-in or Trailer	1	1				0						1	100	0	0	
163	City of Keokuk	City	11427	112	Filler, Crack	1	1				0						1	100	0	0	
163	City of Keokuk	City	11427	116	Kettle, Bitumen Heater	1			1		0						1	100	0	0	
163	City of Keokuk	City	11427	130	Saw, Concrete	1		1			0						1	100	0	0	
163	City of Keokuk	City	11427	132	Sewer Jet	1			1		0						1	100	0	0	
163	City of Keokuk	City	11427	133	Sewer Jet Vacuum (Combination)	1			1		0						1	100	0	0	
163	City of Keokuk	City	11427	136	Snow Blower, Attachment	1	1				0						1	100	0	0	
163	City of Keokuk	City	11427	146	Washer, Hi-Power Water	1		1			0						1	100	0	0	
160	City of Boone	City	12803	1	Single Axle, Dump Body	7	7				0						7	62.5	37.5	0	
160	City of Boone	City	12803	33	Wheel Loader 2 cy +	2	2				0						2	50	50	0	
160	City of Boone	City	12803	34	Mowing Tractor <45 HP	2	2				0						2	100	0	0	
160	City of Boone	City	12803	37	Tractor Loader-Backhoe	1	1				0						1	100	0	0	
160	City of Boone	City	12803	38	Tractor Loader-Box Blade	1	1				0						1	100	0	0	
160	City of Boone	City	12803	41	Sweeper, 4 Wheel Air	1	1				0						1	100	0	0	
160	City of Boone	City	12803	49	Motor grader, >135 HP	3	3				0						3	100	0	0	
160	City of Boone	City	12803	53	Skid Steer Loader, Wheel or Track	1	1				0						1	100	0	0	
160	City of Boone	City	12803	102	Breaker Pavement, Attachment	1	1				0						1	100	0	0	
160	City of Boone	City	12803	105	Compressor, Air 125-200	1	1				0						1	100	0	0	
160	City of Boone	City	12803	133	Sewer Jet Vacuum (Combination)	1	1				0						1	100	0	0	
160	City of Boone	City	12803	136	Snow Blower, Attachment	1	1				0						1	100	0	0	
244	City of Clive	City	12855	1	Single Axle, Dump Body	6		6			0						6	100	100	0	
244	City of Clive	City	12855	9	Platform Boom (High-Reach)	1			1		0						1	100	100	0	
244	City of Clive	City	12855	33	Wheel Loader 2 cy +	1	1				0						1	100	100	0	
244	City of Clive	City	12855	35	Mowing Tractor 45-65 HP	1	1				0						1	75	100	0	
244	City of Clive	City	12855	37	Tractor Loader-Backhoe	2	2				0						2	100	100	0	
244	City of Clive	City	12855	38	Tractor Loader-Box Blade	1	1				0						1	100	100	0	
244	City of Clive	City	12855	41	Sweeper, 4 Wheel Air	1	1				0						1	100	100	0	
244	City of Clive	City	12855	49	Motor grader, >135 HP	1	1				0						1	100	100	0	
244	City of Clive	City	12855	65	Pickups	9	6		3		0						9	100	100	0	
244	City of Clive	City	12855	102	Breaker Pavement, Attachment	2	2				0						2	100	100	0	
244	City of Clive	City	12855	104	Brush Chipper	2	2				0						2	75	100	0	
244	City of Clive	City	12855	105	Compressor, Air 125-200	1	1				0						1	100	100	0	
244	City of Clive	City	12855	112	Filler, Crack	2		2			0						2	0	0	0	
244	City of Clive	City	12855	122	Marker, Centerline Paint	1	1				0						1	50	100	0	
244	City of Clive	City	12855	130	Saw, Concrete	1	1				0						1	75	100	0	
244	City of Clive	City	12855	145	Trailer, Van	1	1				0						1	75	100	0	
244	City of Clive	City	12855	146	Washer, Hi-Power Water	1	1				0						1	100	100	0	
244	City of Clive	City	12855	209	Sewer Jet-Vac combination	1	1				0						1	100	100	0	
244	City of Clive	City	12855	210	Sewer TV inspection unit	1	1				0						1	100	100	0	
244	City of Clive	City	12855	211	Van	1	1				0						1	100	100	0	
244	City of Clive	City	12855	212	Sewer easement machine	1	1				0						1	100	100	0	
244	City of Clive	City	12855	213	Shoring	1		1			0						1	100	100	0	
244	City of Clive	City	12855	214	Screed, concrete	1		1			0						1	75	100	0	
244	City of Clive	City	12855	215	Vibratory plate compactor/hydraulic	1	1				0						1	100	100	0	
10	City of Indianola	City	12998	1	Single Axle, Dump Body	5					5						5	100	0	0	
10	City of Indianola	City	12998	2	Single axle, flatbed	1					1						1	100	0	0	
10	City of Indianola	City	12998	4	Tandem axle, dump body	1					1						1	100	0	0	
10	City of Indianola	City	12998	8	Fully Equipped Paint Truck	1					1						1	100	0	0	
10	City of Indianola	City	12998	20	Asphalt, Main Screed > 10 ft.	1					1						1	100	0	0	
10	City of Indianola	City	12998	23	Drum Roller 40-67"	1					1						1	100	0	0	
10	City of Indianola	City	12998	33	Wheel Loader 2 cy +	1					1						1	100	0	0	
10	City of Indianola	City	12998	37	Tractor Loader-Backhoe	2					2						2	100	0	0	
10	City of Indianola	City	12998	39	Sweeper, 3 Wheel Mechanical	2					2						2	100	0	0	
10	City of Indianola	City	12998	48	Motor grader, 135 HP or less	1					1						1	100	0	0	
10	City of Indianola	City	12998	49	Motor grader, >135 HP	1					1						1	100	0	0	

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10	City of Indianola	City	12998	53	Skid Steer Loader, Wheel or Track	1					1	0					1	100	0	0	
10	City of Indianola	City	12998	102	Breaker Pavement, Attachment	2					2	0					2	100	0	0	
10	City of Indianola	City	12998	106	Compressor, Air 200+	1					1	0					1	100	0	0	
10	City of Indianola	City	12998	112	Filler, Crack	1					1	0					1	100	0	0	
10	City of Indianola	City	12998	113	Grapple Attachment, Loader	1					1	0					1	100	0	0	
10	City of Indianola	City	12998	114	Heater, Pre-Mix	1					1	0					1	100	0	0	
10	City of Indianola	City	12998	117	Machine, Asphalt Patcher	1					1	0					1	100	0	0	
10	City of Indianola	City	12998	130	Saw, Concrete	6	6					0					6	100	0	0	
10	City of Indianola	City	12998	136	Snow Blower, Attachment	1					1	0					1	100	0	0	
10	City of Indianola	City	12998	143	Trailer, Low Bed 15 Ton	1					1	0					1	100	0	0	
10	City of Indianola	City	12998	146	Washer, Hi-Power Water	1	1					0					1	100	0	0	
106	City of Muscatine	City	22697	1	Single Axle, Dump Body	7	7					0					7	71	29	0	
106	City of Muscatine	City	22697	2	Single axle, flatbed	6	6					0					6	71	29	0	
106	City of Muscatine	City	22697	4	Tandem axle, dump body	2	2					0					2	63	37	0	
106	City of Muscatine	City	22697	10	Truck-Mounted Bitumen Distributor	1	1					0					1	100	0	0	
106	City of Muscatine	City	22697	23	Drum Roller 40-67"	1	1					0					1	100	0	0	
106	City of Muscatine	City	22697	26	Rubber Tire Roller 9 wheel	1	1					0					1	100	0	0	
106	City of Muscatine	City	22697	33	Wheel Loader 2 cy +	2	2					0					2	63	37	0	
106	City of Muscatine	City	22697	37	Tractor Loader-Backhoe	1	1					0					1	100	0	0	
106	City of Muscatine	City	22697	41	Sweeper, 4 Wheel Air	2	2					0					2	63	37	0	
106	City of Muscatine	City	22697	48	Motor grader, 135 HP or less	1	1					0					1	100	0	0	
106	City of Muscatine	City	22697	53	Skid Steer Loader, Wheel or Track	1	1					0					1	100	0	0	
106	City of Muscatine	City	22697	65	Pickups	3	3					0					3	73	27	0	
106	City of Muscatine	City	22697	102	Breaker Pavement, Attachment	2	2					0					2	63	37	0	
106	City of Muscatine	City	22697	103	Broom, Attachment	1	1					0					1	100	0	0	
106	City of Muscatine	City	22697	104	Brush Chipper	1	1					0					1	100	0	0	
106	City of Muscatine	City	22697	105	Compressor, Air 125-200	3	3					0					3	73	27	0	
106	City of Muscatine	City	22697	112	Filler, Crack	1	1					0					1	100	0	0	
106	City of Muscatine	City	22697	124	Milling Head	1	1					0					1	100	0	0	
106	City of Muscatine	City	22697	130	Saw, Concrete	1	1					0					1	100	0	0	
106	City of Muscatine	City	22697	136	Snow Blower, Attachment	2	2					0					2	100	0	0	
106	City of Muscatine	City	22697	170	Leaf Machine	6	6					0					6	100	0	0	
106	City of Muscatine	City	22697	171	Leaf Boxes	6	6					0					6	100	0	0	
174	City of Ottumwa	City	24998	1	Single Axle, Dump Body	8	4	4				0					8	100	0	0	
174	City of Ottumwa	City	24998	9	Platform Boom (High-Reach)	1	1					0					1	100	0	0	
174	City of Ottumwa	City	24998	10	Truck-Mounted Bitumen Distributor	1	1					0					1	100	0	0	
174	City of Ottumwa	City	24998	11	Water Truck	1	1					0					1	100	0	0	
174	City of Ottumwa	City	24998	13	Hydraulic wheeled, < 1 cy	1	1					0					1	100	0	0	
174	City of Ottumwa	City	24998	19	Asphalt, Main Screed 10 ft. or less	1	1					0					1	100	0	0	
174	City of Ottumwa	City	24998	23	Drum Roller 40-67"	3	3					0					3	100	0	0	
174	City of Ottumwa	City	24998	33	Wheel Loader 2 cy +	1	1					0					1	100	0	0	
174	City of Ottumwa	City	24998	39	Sweeper, 3 Wheel Mechanical	1	1					0					1	100	0	0	
174	City of Ottumwa	City	24998	41	Sweeper, 4 Wheel Air	1	1					0					1	100	0	0	
174	City of Ottumwa	City	24998	48	Motor grader, 135 HP or less	1	1					0					1	100	0	0	
174	City of Ottumwa	City	24998	49	Motor grader, >135 HP	2	2					0					2	100	0	0	
174	City of Ottumwa	City	24998	53	Skid Steer Loader, Wheel or Track	1	1					0					1	100	0	0	
174	City of Ottumwa	City	24998	54	Trencher	1	1					0					1	100	0	0	
174	City of Ottumwa	City	24998	55	Street Flusher	1	1					0					1	100	0	0	
174	City of Ottumwa	City	24998	56	Single Axle V Box Spreader	4	4					0					4	100	0	0	
174	City of Ottumwa	City	24998	57	Landall Equipment Trailer	1	1					0					1	100	0	0	
174	City of Ottumwa	City	24998	103	Broom, Attachment	1	1					0					1	100	0	0	
174	City of Ottumwa	City	24998	105	Compressor, Air 125-200	2	2					0					2	100	0	0	
174	City of Ottumwa	City	24998	112	Filler, Crack	1	1					0					1	100	0	0	
174	City of Ottumwa	City	24998	117	Machine, Asphalt Patcher	1	1					0					1	100	0	0	
174	City of Ottumwa	City	24998	122	Marker, Centerline Paint	1	1					0					1	100	0	0	
174	City of Ottumwa	City	24998	124	Milling Head	1	1					0					1	100	0	0	
174	City of Ottumwa	City	24998	130	Saw, Concrete	1	1					0					1	100	0	0	
174	City of Ottumwa	City	24998	136	Snow Blower, Attachment	1	1					0					1	100	0	0	
174	City of Ottumwa	City	24998	139	Sweeper Attachment	1	1					0					1	100	0	0	
28	City of Fort Dodge	City	25136	1	Single Axle, Dump Body	13	13					0					13	100	0	0	
28	City of Fort Dodge	City	25136	4	Tandem axle, dump body	2	2					0					2	100	0	0	
28	City of Fort Dodge	City	25136	10	Truck-Mounted Bitumen Distributor	1	1					0					1	100	0	0	
28	City of Fort Dodge	City	25136	11	Water Truck	1	1					0					1	100	0	0	
28	City of Fort Dodge	City	25136	17	Hydraulic crawler, 1-2 cy	1	1					0					1	100	0	0	
28	City of Fort Dodge	City	25136	19	Asphalt, Main Screed 10 ft. or less	1	1					0					1	100	0	0	
28	City of Fort Dodge	City	25136	23	Drum Roller 40-67"	1	1					0					1	100	0	0	
28	City of Fort Dodge	City	25136	26	Rubber Tire Roller 9 wheel	1	1					0					1	100	0	0	
28	City of Fort Dodge	City	25136	33	Wheel Loader 2 cy +	5	5					0					5	100	0	0	
28	City of Fort Dodge	City	25136	37	Tractor Loader-Backhoe	3	3					0					3	100	0	0	
28	City of Fort Dodge	City	25136	39	Sweeper, 3 Wheel Mechanical	1	1					0					1	100	0	0	
28	City of Fort Dodge	City	25136	41	Sweeper, 4 Wheel Air	1	1					0					1	100	0	0	

ID	Entity	Type	Pop.	Equip. Line	Type of Equipment	# Owned	# Formal Bld	# Direct Purchase	# Existing Contract	# Purchased Used	No Response Owned	# Leased	# Long Term with Maintenance	# Long Term No Maintenance	# Short Term Rental	No Response Leased	Total # Owned and Leased	% Usage	% Maintenance	% Construction	Other Usage
28	City of Fort Dodge	City	25136	44	Dozer, 150-300 HP	1	1				0						1	100	0	0	
28	City of Fort Dodge	City	25136	49	Motor grader, >135 HP	2	2				0						2	100	0	0	
28	City of Fort Dodge	City	25136	53	Skid Steer Loader, Wheel or Track	1	1				0						1	100	0	0	
28	City of Fort Dodge	City	25136	102	Breaker Pavement, Attachment	2	2				0						2	100	0	0	
28	City of Fort Dodge	City	25136	103	Broom, Attachment	1	1				0						1	100	0	0	
28	City of Fort Dodge	City	25136	105	Compressor, Air 125-200	2	2				0						2	100	0	0	
28	City of Fort Dodge	City	25136	112	Filler, Crack	1	1				0						1	100	0	0	
28	City of Fort Dodge	City	25136	113	Grapple Attachment, Loader	1	1				0						1	100	0	0	
28	City of Fort Dodge	City	25136	117	Machine, Asphalt Patcher	1	1				0						1	100	0	0	
28	City of Fort Dodge	City	25136	122	Marker, Centerline Paint	1	1				0						1	100	0	0	
28	City of Fort Dodge	City	25136	130	Saw, Concrete	1	1				0						1	100	0	0	
28	City of Fort Dodge	City	25136	133	Sewer Jet Vacuum (Combination)	1	1				0						1	100	0	0	
28	City of Fort Dodge	City	25136	136	Snow Blower, Attachment	1	1				0						1	100	0	0	
28	City of Fort Dodge	City	25136	139	Sweeper Attachment	1	1				0						1	100	0	0	
28	City of Fort Dodge	City	25136	143	Trailer, Low Bed 15 Ton	1	1				0						1	100	0	0	
28	City of Fort Dodge	City	25136	146	Washer, Hi-Power Water	1	1				0						1	100	0	0	
191	City of Marshalltown	City	26009	1	Single Axle, Dump Body	18	18				0						18	77.8	93	7	0
191	City of Marshalltown	City	26009	2	Single axle, flatbed	4	4				0						4	100	100	0	0
191	City of Marshalltown	City	26009	4	Tandem axle, dump body	1			1		0						1	25	100	0	0
191	City of Marshalltown	City	26009	8	Fully Equipped Paint Truck	1	1				0						1	75	67	33	0
191	City of Marshalltown	City	26009	9	Platform Boom (High-Reach)	2	2				0						2	75	100	0	0
191	City of Marshalltown	City	26009	12	Semi-Tractor	1			1		0						1	100	0	0	0
191	City of Marshalltown	City	26009	19	Asphalt, Main Screed 10 ft. or less	1	1				0						1	25	0	100	0
191	City of Marshalltown	City	26009	23	Drum Roller 40-67"	1	1				0						1	25	0	100	0
191	City of Marshalltown	City	26009	30	Loader Crawler 80 HP or less	1	1				0						1	25	100	0	0
191	City of Marshalltown	City	26009	32	Wheel Loader 2 cy or less	3	3				0						3	100	92	8	0
191	City of Marshalltown	City	26009	34	Mowing Tractor <45 HP	2	2				0						2	75	100	0	0
191	City of Marshalltown	City	26009	39	Sweeper, 3 Wheel Mechanical	3	3				0						3	75	100	0	0
191	City of Marshalltown	City	26009	48	Motor grader, 135 HP or less	3	3				0						3	58.3	86	14	0
191	City of Marshalltown	City	26009	53	Skid Steer Loader, Wheel or Track	1	1				0						1	100	100	0	0
191	City of Marshalltown	City	26009	104	Brush Chipper	1	1				0						1	50	100	0	0
191	City of Marshalltown	City	26009	105	Compressor, Air 125-200	1	1				0						1	75	100	0	0
191	City of Marshalltown	City	26009	109	Distributor Bitumen, Slip-in or Trailer	1	1				0						1	25	0	100	0
191	City of Marshalltown	City	26009	114	Heater, Pre-Mix	1	1				0						1	100	100	0	0
191	City of Marshalltown	City	26009	136	Snow Blower, Attachment	2	2				0						2	25	100	0	0
191	City of Marshalltown	City	26009	143	Trailer, Low Bed 15 Ton	1	1				0						1	75	100	0	0
191	City of Marshalltown	City	26009	144	Trailer, Low Bed Semi	1			1		0						1	50	100	0	0
119	City of Marion	City	26294	1	Single Axle, Dump Body	11	11				0						11	97.7	95	5	0
119	City of Marion	City	26294	2	Single axle, flatbed	3	3				0						3	100	95	5	0
119	City of Marion	City	26294	4	Tandem axle, dump body	3	3				0						3	100	95	5	0
119	City of Marion	City	26294	8	Fully Equipped Paint Truck	1	1				0						1	75	99	1	0
119	City of Marion	City	26294	15	Hydraulic wheeled, 2+ cy	1			1		0						1	100	90	10	0
119	City of Marion	City	26294	20	Asphalt, Main Screed > 10 ft.	1	1				0						1	25	90	10	0
119	City of Marion	City	26294	23	Drum Roller 40-67"	1	1				0						1	25	90	10	0
119	City of Marion	City	26294	26	Rubber Tire Roller 9 wheel	1	1				0						1	25	90	10	0
119	City of Marion	City	26294	33	Wheel Loader 2 cy +	2	2				0						2	100	99	1	0
119	City of Marion	City	26294	34	Mowing Tractor <45 HP	1			1		0						1	75	100	0	0
119	City of Marion	City	26294	37	Tractor Loader-Backhoe	2	2				0						2	100	80	20	0
119	City of Marion	City	26294	39	Sweeper, 3 Wheel Mechanical	1	1				0						1	75	99	1	0
119	City of Marion	City	26294	41	Sweeper, 4 Wheel Air	1	1				0						1	75	99	1	0
119	City of Marion	City	26294	48	Motor grader, 135 HP or less	1			1		0						1	100	95	5	0
119	City of Marion	City	26294	53	Skid Steer Loader, Wheel or Track	2	2				0						2	100	90	10	0
119	City of Marion	City	26294	102	Breaker Pavement, Attachment	1	1				0						1	50	95	5	0
119	City of Marion	City	26294	103	Broom, Attachment	1	1				0						1	75	99	1	0
119	City of Marion	City	26294	104	Brush Chipper	2	2				0						2	75	100	0	0
119	City of Marion	City	26294	105	Compressor, Air 125-200	2	1				1						2	75	90	10	0
119	City of Marion	City	26294	112	Filler, Crack	1	1				0						1	50	100	0	0
119	City of Marion	City	26294	124	Milling Head	1	1				0						1	75	100	0	0
119	City of Marion	City	26294	130	Saw, Concrete	1	1				0						1	75	95	5	0
119	City of Marion	City	26294	133	Sewer Jet Vacuum (Combination)	1	1				0						1	100	100	0	0
119	City of Marion	City	26294	136	Snow Blower, Attachment	1	1				0						1	50	100	0	0
119	City of Marion	City	26294	139	Sweeper Attachment	1	1				0						1	75	100	0	0
107	City of Ankeny	City	27117	1	Single Axle, Dump Body	8			8		0						8	87.5	68	32	0
107	City of Ankeny	City	27117	4	Tandem axle, dump body	2			2		0						2	100	32	68	0
107	City of Ankeny	City	27117	33	Wheel Loader 2 cy +	3	3				0						3	100	75	25	0
107	City of Ankeny	City	27117	36	Mowing Tractor 65+ HP	1	1				0						1	100	100	0	0
107	City of Ankeny	City	27117	41	Sweeper, 4 Wheel Air	2	2				0						2	100	100	0	0
107	City of Ankeny	City	27117	48	Motor grader, 135 HP or less	1	1				0						1	100	100	0	0
107	City of Ankeny	City	27117	53	Skid Steer Loader, Wheel or Track	1	1				0						1	100	75	25	0
107	City of Ankeny	City	27117	104	Brush Chipper	1	1				0						1	100	100	0	0
107	City of Ankeny	City	27117	105	Compressor, Air 125-200	1	1				0						1	100	100	0	0

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107	City of Ankeny	City	27117	112	Filler, Crack	1	1				0						1	100	100	0	0
107	City of Ankeny	City	27117	130	Saw, Concrete	1	1				0						1	100	0	100	0
107	City of Ankeny	City	27117	146	Washer, Hi-Power Water	2	2				0						2	100	100	0	0
177	City of Clinton	City	27772	1	Single Axle, Dump Body	13	13				0						13	75	25	0	0
177	City of Clinton	City	27772	4	Tandem axle, dump body	1	1				0						1	80	20	0	0
177	City of Clinton	City	27772	15	Hydraulic wheeled, 2+ cy	1			1		0						1	90	10	0	0
177	City of Clinton	City	27772	29	Integrated Tool Carrier	3			3		0						3	80	20	0	0
177	City of Clinton	City	27772	35	Mowing Tractor 45-65 HP	1				1	0						1	100	0	0	0
177	City of Clinton	City	27772	36	Mowing Tractor 65+ HP	1			1		0						1	100	0	0	0
177	City of Clinton	City	27772	39	Sweeper, 3 Wheel Mechanical	2	2				0						2	100	0	0	0
177	City of Clinton	City	27772	48	Motor grader, 135 HP or less	1	1				0						1	80	20	0	0
177	City of Clinton	City	27772	49	Motor grader, >135 HP	1			1		0						1	80	20	0	0
177	City of Clinton	City	27772	53	Skid Steer Loader, Wheel or Track	1			1		0						1	80	20	0	0
177	City of Clinton	City	27772	104	Brush Chipper	1	1				0						1	85	15	0	0
177	City of Clinton	City	27772	105	Compressor, Air 125-200	1	1				0						1	80	20	0	0
177	City of Clinton	City	27772	112	Filler, Crack	1	1				0						1	90	10	0	0
177	City of Clinton	City	27772	114	Heater, Pre-Mix	1	1				0						1	90	10	0	0
177	City of Clinton	City	27772	136	Snow Blower, Attachment	1	1				0						1	100	0	0	0
177	City of Clinton	City	27772	146	Washer, Hi-Power Water	1	1				0						1	100	0	0	0
186	City of Urbandale	City	29072	0	Not Applicable	0					0						0				
109	City of Bettendorf	City	31275	1	Single Axle, Dump Body	12	12				0						12	75	100	0	0
109	City of Bettendorf	City	31275	4	Tandem axle, dump body	4	4				0						4	75	100	0	0
109	City of Bettendorf	City	31275	11	Water Truck	1	1				0						1	75	100	0	0
109	City of Bettendorf	City	31275	26	Rubber Tire Roller 9 wheel	1	1				0						1	50	100	0	0
109	City of Bettendorf	City	31275	33	Wheel Loader 2 cy +	1	1				0						1	100	100	0	0
109	City of Bettendorf	City	31275	37	Tractor Loader-Backhoe	2	2				0						2	100	100	0	0
109	City of Bettendorf	City	31275	38	Tractor Loader-Box Blade	1	1				0						1	50	100	0	0
109	City of Bettendorf	City	31275	41	Sweeper, 4 Wheel Air	2	2				0						2	75	100	0	0
109	City of Bettendorf	City	31275	48	Motor grader, 135 HP or less	2	2				0						2				
109	City of Bettendorf	City	31275	84	Bo-Mag Road Reclaimer-Scarifier	1	1				0						1	50	100	0	0
109	City of Bettendorf	City	31275	105	Compressor, Air 125-200	1	1				0						1	75	100	0	0
109	City of Bettendorf	City	31275	112	Filler, Crack	1	1				0						1				
109	City of Bettendorf	City	31275	130	Saw, Concrete	1	1				0						1				
109	City of Bettendorf	City	31275	133	Sewer Jet Vacuum (Combination)	1	1				0						1				
142	West Des Moines	City	46403	1	Single Axle, Dump Body	10	2		8		0						10	100	100	0	0
142	West Des Moines	City	46403	4	Tandem axle, dump body	4			4		0						4	100	100	0	0
142	West Des Moines	City	46403	8	Fully Equipped Paint Truck	1	1				0						1	100	100	0	0
142	West Des Moines	City	46403	9	Platform Boom (High-Reach)	1	1				0						1	100	100	0	0
142	West Des Moines	City	46403	33	Wheel Loader 2 cy +	2	2				0						2	100	100	0	0
142	West Des Moines	City	46403	35	Mowing Tractor 45-65 HP	2	2				0						2	100	100	0	0
142	West Des Moines	City	46403	36	Mowing Tractor 65+ HP	1	1				0						1	100	100	0	0
142	West Des Moines	City	46403	37	Tractor Loader-Backhoe	2	2				0						2	100	100	0	0
142	West Des Moines	City	46403	39	Sweeper, 3 Wheel Mechanical	1	1				0						1	100	100	0	0
142	West Des Moines	City	46403	41	Sweeper, 4 Wheel Air	1	1				0						1	100	100	0	0
142	West Des Moines	City	46403	49	Motor grader, >135 HP	1	1				0						1	100	100	0	0
142	West Des Moines	City	46403	53	Skid Steer Loader, Wheel or Track	1	1				0						1	100	100	0	0
142	West Des Moines	City	46403	102	Breaker Pavement, Attachment	1	1				0						1	100	100	0	0
142	West Des Moines	City	46403	104	Brush Chipper	2	2				0						2	100	100	0	0
142	West Des Moines	City	46403	105	Compressor, Air 125-200	3			3		0						3	100	100	0	0
142	West Des Moines	City	46403	112	Filler, Crack	1	1				0						1	100	100	0	0
142	West Des Moines	City	46403	114	Heater, Pre-Mix	1			1		0						1	100	100	0	0
142	West Des Moines	City	46403	130	Saw, Concrete	2	2				0						2	100	100	0	0
142	West Des Moines	City	46403	133	Sewer Jet Vacuum (Combination)	1	1				0						1	100	100	0	0
142	West Des Moines	City	46403	136	Snow Blower, Attachment	1	1				0						1	100	100	0	0
142	West Des Moines	City	46403	146	Washer, Hi-Power Water	1	1				0						1	100	100	0	0
66	City of Ames	City	50731	1	Single Axle, Dump Body	7	7				0						7	90	10	0	0
66	City of Ames	City	50731	2	Single axle, flatbed	1	1				0						1	100	0	0	0
66	City of Ames	City	50731	4	Tandem axle, dump body	2	2				0						2	95	5	0	0
66	City of Ames	City	50731	20	Asphalt, Main Screed > 10 ft.	1	1				0						1	100	0	0	0
66	City of Ames	City	50731	27	Sheep's Foot Roller 40-67"	1	1				0						1	50	50	0	0
66	City of Ames	City	50731	33	Wheel Loader 2 cy +	1	1				0						1	90	10	0	0
66	City of Ames	City	50731	36	Mowing Tractor 65+ HP	1	1				0						1	95	5	0	0
66	City of Ames	City	50731	37	Tractor Loader-Backhoe	1	1				0						1	100	0	0	0
66	City of Ames	City	50731	41	Sweeper, 4 Wheel Air	1	1				0						1	100	0	0	0
66	City of Ames	City	50731	48	Motor grader, 135 HP or less	1	1				0						1	95	5	0	0
66	City of Ames	City	50731	49	Motor grader, >135 HP	1	1				0						1	80	20	0	0
66	City of Ames	City	50731	53	Skid Steer Loader, Wheel or Track	1	1				0						1	95	5	0	0
66	City of Ames	City	50731	102	Breaker Pavement, Attachment	2	2				0						2	95	5	0	0
66	City of Ames	City	50731	104	Brush Chipper	1	1				0						1	100	0	0	0
66	City of Ames	City	50731	105	Compressor, Air 125-200	2	2				0						2	98	2	0	0
66	City of Ames	City	50731	112	Filler, Crack	1	1				0						1	100	0	0	0

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66	City of Ames	City	50731	122	Marker, Centerline Paint	1	1											1	95	5	0		
66	City of Ames	City	50731	123	Miller, Asphalt Spreader	1	1											1	100	0	0		
66	City of Ames	City	50731	130	Saw, Concrete	1	1											1	98	2	0		
66	City of Ames	City	50731	132	Sewer Jet	1	1											1	100	0	0		
66	City of Ames	City	50731	135	Signal, Speed Sensing Trailer Mtd.	1	1											1	90	10	0		
66	City of Ames	City	50731	136	Snow Blower, Attachment	1	1											1	100	0	0		
246	City of Dubuque	City	57686	1	Single Axle, Dump Body	11	11											11	100	100	0		
246	City of Dubuque	City	57686	2	Single axle, flatbed	5	5											5	100	100	0		
246	City of Dubuque	City	57686	3	Single axle, van body	1	1											1	100	100	0		
246	City of Dubuque	City	57686	4	Tandem axle, dump body	7	7											7	64	100	0		
246	City of Dubuque	City	57686	9	Platform Boom (High-Reach)	1	1											1	100	100	0		
246	City of Dubuque	City	57686	10	Truck-Mounted Bitumen Distributor	1	1											1	75	100	0		
246	City of Dubuque	City	57686	11	Water Truck	1	1											1	50	100	0		
246	City of Dubuque	City	57686	19	Asphalt, Main Screenshot 10 ft. or less	1	1											1	25	100	0		
246	City of Dubuque	City	57686	20	Asphalt, Main Screenshot > 10 ft.	1	1											1	75	67	33		
246	City of Dubuque	City	57686	23	Drum Roller 40-67"	3	3											3	75	100	0		
246	City of Dubuque	City	57686	25	Rubber Tire Roller 7 wheel	1	1											1	25	100	0		
246	City of Dubuque	City	57686	33	Wheel Loader 2 cy +	3	3											3	75	100	0		
246	City of Dubuque	City	57686	35	Mowing Tractor 45-65 HP	1	1											1	50	100	0		
246	City of Dubuque	City	57686	39	Sweeper, 3 Wheel Mechanical	2	2											2	75	100	0		
246	City of Dubuque	City	57686	41	Sweeper, 4 Wheel Air	1	1											1	75	100	0		
246	City of Dubuque	City	57686	49	Motor grader, >135 HP	3	3			3								3	50	100	0		
246	City of Dubuque	City	57686	53	Skid Steer Loader, Wheel or Track	1	1											1	100	100	0		
246	City of Dubuque	City	57686	102	Breaker Pavement, Attachment	2	2											2	38	100	0		
246	City of Dubuque	City	57686	104	Brush Chipper	2	2											2	100	100	0		
246	City of Dubuque	City	57686	105	Compressor, Air 125-200	4	4											4	81	100	0		
246	City of Dubuque	City	57686	108	Cutter, Stump	1	1											1	100	100	0		
246	City of Dubuque	City	57686	130	Saw, Concrete	2	2											2	75	100	0		
246	City of Dubuque	City	57686	132	Sewer Jet	1	1											1	100	100	0		
246	City of Dubuque	City	57686	133	Sewer Jet Vacuum (Combination)	1	1											1	75	100	0		
246	City of Dubuque	City	57686	136	Snow Blower, Attachment	2	2											2	25	100	0		
114	City of Council Bluffs	City	58268	1	Single Axle, Dump Body	15	15											15	75	53	47		
114	City of Council Bluffs	City	58268	4	Tandem axle, dump body	1	1											1	100	25	75		
114	City of Council Bluffs	City	58268	8	Fully Equipped Paint Truck	1	1											1	75	100	0		
114	City of Council Bluffs	City	58268	9	Platform Boom (High-Reach)	1	1											1	100	100	0		
114	City of Council Bluffs	City	58268	10	Truck-Mounted Bitumen Distributor	1	1											1	25	0	100		
114	City of Council Bluffs	City	58268	11	Water Truck	1	1											1	100	100	0		
114	City of Council Bluffs	City	58268	20	Asphalt, Main Screenshot > 10 ft.	1	1											1	75	0	100		
114	City of Council Bluffs	City	58268	22	Concrete, Main Screenshot > 10 ft.	1	1											1	75	100	0		
114	City of Council Bluffs	City	58268	23	Drum Roller 40-67"	1	1								1			2	75	0	100		
114	City of Council Bluffs	City	58268	26	Rubber Tire Roller 9 wheel	1	1											1	75	0	100		
114	City of Council Bluffs	City	58268	33	Wheel Loader 2 cy +	2	2											2	100	64	36		
114	City of Council Bluffs	City	58268	35	Mowing Tractor 45-65 HP	1	1											1	100	100	0		
114	City of Council Bluffs	City	58268	37	Tractor Loader-Backhoe	1	1											1	100	0	100		
114	City of Council Bluffs	City	58268	38	Tractor Loader-Box Blade	1	1											1	100	100	0		
114	City of Council Bluffs	City	58268	39	Sweeper, 3 Wheel Mechanical	2	2											2	100	100	0		
114	City of Council Bluffs	City	58268	41	Sweeper, 4 Wheel Air	1	1											1	100	100	0		
114	City of Council Bluffs	City	58268	49	Motor grader, >135 HP	4	4			1						1		5	85	82	18		
114	City of Council Bluffs	City	58268	50	Self-Propelled Chip Spreader	1	1											1	75	0	100		
114	City of Council Bluffs	City	58268	53	Skid Steer Loader, Wheel or Track	1	1											1	100	0	100		
114	City of Council Bluffs	City	58268	88	Single Axle Custom Body	5	5											5	100	85	15		
114	City of Council Bluffs	City	58268	102	Breaker Pavement, Attachment	1	1											1					
114	City of Council Bluffs	City	58268	103	Broom, Attachment	1	1											1					
114	City of Council Bluffs	City	58268	104	Brush Chipper	1	1											1	100	100	0		
114	City of Council Bluffs	City	58268	105	Compressor, Air 125-200	1	1											1	100	0	100		
114	City of Council Bluffs	City	58268	124	Milling Head	1	1											1	100	0	100		
114	City of Council Bluffs	City	58268	130	Saw, Concrete	1	1											1	100	0	100		
114	City of Council Bluffs	City	58268	136	Snow Blower, Attachment	1	1											1	25	100	0		
114	City of Council Bluffs	City	58268	143	Trailer, Low Bed 15 Ton	1	1											1	100	0	100		
114	City of Council Bluffs	City	58268	147	Tail Gate Rollers	4	4											4	25	100	0		
5	City of University Heights	City	63027	0	Not Applicable	0	0											0					
94	City of Iowa City	City	63027	1	Single Axle, Dump Body	11	11											11	100	0	0		
94	City of Iowa City	City	63027	2	Single axle, flatbed	2	2											2	100	0	0		
94	City of Iowa City	City	63027	11	Water Truck	1	1											1	100	0	0		
94	City of Iowa City	City	63027	23	Drum Roller 40-67"	1	1											1	100	0	0		
94	City of Iowa City	City	63027	33	Wheel Loader 2 cy +	2	2											2	100	0	0		
94	City of Iowa City	City	63027	37	Tractor Loader-Backhoe	1	1											1	100	0	0		
94	City of Iowa City	City	63027	39	Sweeper, 3 Wheel Mechanical	2	2											2	100	0	0		
94	City of Iowa City	City	63027	48	Motor grader, 135 HP or less	1	1											1	100	0	0		
94	City of Iowa City	City	63027	53	Skid Steer Loader, Wheel or Track	2	2											2	100	0	0		
94	City of Iowa City	City	63027	81	1-Ton Utility Truck	2	2											2	100	0	0		

ID	Entity	Type	Pop.	Equip. Line	Type of Equipment	# Owned	# Formal Bid	# Direct Purchase	# Existing Contract	# Purchased Used	No Response Owned	# Leased	# Long Term with Maintenance	# Long Term No Maintenance	# Short Term Rental	No Response Leased	Total # Owned and Leased	% Usage	% Maintenance	% Construction	Other Usage
94	City of Iowa City	City	63027	82	1-Ton Flatbed	2	2				0					2	100	0	0		
94	City of Iowa City	City	63027	103	Broom, Attachment	2	2				0					2	100	0	0		
94	City of Iowa City	City	63027	105	Compressor, Air 125-200	3	3				0					3	100	0	0		
94	City of Iowa City	City	63027	112	Filler, Crack	1	1				0					1	100	0	0		
94	City of Iowa City	City	63027	127	Pump, Mud Paddle/Colloidal	1	1				0					1	100	0	0		
227	City of Waterloo, Iowa	City	68747	1	Single Axle, Dump Body	30	30				0					30	100	0	0		
227	City of Waterloo, Iowa	City	68747	2	Single axle, flatbed	5	5				0					5	100	0	0		
227	City of Waterloo, Iowa	City	68747	3	Single axle, van body	1	1				0					1	100	0	0		
227	City of Waterloo, Iowa	City	68747	4	Tandem axle, dump body	5	5				0					5	100	0	0		
227	City of Waterloo, Iowa	City	68747	5	Tandem axle, flatbed	2	2				0					2	100	0	0		
227	City of Waterloo, Iowa	City	68747	9	Platform Boom (High-Reach)	4	3		1		0					4	100	0	0		
227	City of Waterloo, Iowa	City	68747	10	Truck-Mounted Bitumen Distributor	1	1				0					1	100	0	0		
227	City of Waterloo, Iowa	City	68747	12	Semi-Tractor	1	1				0					1	100	0	0		
227	City of Waterloo, Iowa	City	68747	22	Concrete, Main Screed > 10 ft.	2	2				0					2	100	0	0		
227	City of Waterloo, Iowa	City	68747	23	Drum Roller 40-67"	2	2				0					2	100	0	0		
227	City of Waterloo, Iowa	City	68747	24	Drum Roller 67+"	1	1				0					1	100	0	0		
227	City of Waterloo, Iowa	City	68747	26	Rubber Tire Roller 9 wheel	1	1				0					1	100	0	0		
227	City of Waterloo, Iowa	City	68747	29	Integrated Tool Carrier	0					2		2			2	100	0	0		
227	City of Waterloo, Iowa	City	68747	33	Wheel Loader 2 cy +	0					2		2			2	100	0	0		
227	City of Waterloo, Iowa	City	68747	34	Mowing Tractor <45 HP	0					5		5			5	100	0	0		
227	City of Waterloo, Iowa	City	68747	36	Mowing Tractor 65+ HP	0					2		2			2	100	0	0		
227	City of Waterloo, Iowa	City	68747	37	Tractor Loader-Backhoe	0					2		2			2	100	0	0		
227	City of Waterloo, Iowa	City	68747	39	Sweeper, 3 Wheel Mechanical	4	4				0					4	100	0	0		
227	City of Waterloo, Iowa	City	68747	40	Sweeper, 4 Wheel Mechanical	1	1				0					1	100	0	0		
227	City of Waterloo, Iowa	City	68747	49	Motor grader, >135 HP	1	1				6		6			7	100	0	0		
227	City of Waterloo, Iowa	City	68747	50	Self-Propelled Chip Spreader	1	1				0					1	100	0	0		
227	City of Waterloo, Iowa	City	68747	53	Skid Steer Loader, Wheel or Track	0					2		2			2	100	0	0		
227	City of Waterloo, Iowa	City	68747	84	Bo-Mag Road Reclaimer-Scarifier	1	1				0					1	100	0	0		
227	City of Waterloo, Iowa	City	68747	102	Breaker Pavement, Attachment	1	1				0					1	100	0	0		
227	City of Waterloo, Iowa	City	68747	104	Brush Chipper	2	2				0					2	100	0	0		
227	City of Waterloo, Iowa	City	68747	105	Compressor, Air 125-200	3	3				0					3	100	0	0		
227	City of Waterloo, Iowa	City	68747	108	Cutter, Stump	2	2				0					2	100	0	0		
227	City of Waterloo, Iowa	City	68747	109	Distributor Bitumen, Slip-in or Trailer	1	1				0					1	100	0	0		
227	City of Waterloo, Iowa	City	68747	112	Filler, Crack	1	1				0					1	100	0	0		
227	City of Waterloo, Iowa	City	68747	113	Grapple Attachment, Loader	2	2				0					2	100	0	0		
227	City of Waterloo, Iowa	City	68747	117	Machine, Asphalt Patcher	1	1				0					1	100	0	0		
227	City of Waterloo, Iowa	City	68747	119	Machine, Profiler	1	1				0					1	100	0	0		
227	City of Waterloo, Iowa	City	68747	122	Marker, Centerline Paint	3	3				0					3	100	0	0		
227	City of Waterloo, Iowa	City	68747	130	Saw, Concrete	4	4				0					4	100	0	0		
227	City of Waterloo, Iowa	City	68747	136	Snow Blower, Attachment	2	2				0					2	100	0	0		
227	City of Waterloo, Iowa	City	68747	137	Spade, Tree	2	2				0					2	100	0	0		
227	City of Waterloo, Iowa	City	68747	139	Sweeper Attachment	1	1				0					1	100	0	0		
227	City of Waterloo, Iowa	City	68747	143	Trailer, Low Bed 15 Ton	1	1				0					1	100	0	0		
227	City of Waterloo, Iowa	City	68747	144	Trailer, Low Bed Semi	1	1				0					1	100	0	0		
227	City of Waterloo, Iowa	City	68747	146	Washer, Hi-Power Water	2	2				0					2	100	0	0		
113	City of Cedar Rapids	City	120758	1	Single Axle, Dump Body	40	40				0					40	100	0	0		
113	City of Cedar Rapids	City	120758	3	Single axle, van body	1	1				0					1	100	0	0		
113	City of Cedar Rapids	City	120758	4	Tandem axle, dump body	9	9				0					9	100	0	0		
113	City of Cedar Rapids	City	120758	8	Fully Equipped Paint Truck	1	1				0					1	100	0	0		
113	City of Cedar Rapids	City	120758	10	Truck-Mounted Bitumen Distributor	2	2				0					2	100	0	0		
113	City of Cedar Rapids	City	120758	11	Water Truck	8	8				0					8	100	0	0		
113	City of Cedar Rapids	City	120758	12	Semi-Tractor	1	1				0					1	100	0	0		
113	City of Cedar Rapids	City	120758	13	Hydraulic wheeled, < 1 cy	2	2				0					2	100	0	0		
113	City of Cedar Rapids	City	120758	17	Hydraulic crawler, 1-2 cy	1	1				0					1	100	0	0		
113	City of Cedar Rapids	City	120758	20	Asphalt, Main Screed > 10 ft.	2	2				0					2	100	0	0		
113	City of Cedar Rapids	City	120758	23	Drum Roller 40-67"	1	1				0					1	100	0	0		
113	City of Cedar Rapids	City	120758	25	Rubber Tire Roller 7 wheel	1	1				0					1	100	0	0		
113	City of Cedar Rapids	City	120758	27	Sheep's Foot Roller 40-67"	1	1				0					1	100	0	0		
113	City of Cedar Rapids	City	120758	33	Wheel Loader 2 cy +	6	6				0					6	100	0	0		
113	City of Cedar Rapids	City	120758	35	Mowing Tractor 45-65 HP	3	3				0					3	100	0	0		
113	City of Cedar Rapids	City	120758	36	Mowing Tractor 65+ HP	3	3				0					3	100	0	0		
113	City of Cedar Rapids	City	120758	37	Tractor Loader-Backhoe	1	1				0					1	100	0	0		
113	City of Cedar Rapids	City	120758	39	Sweeper, 3 Wheel Mechanical	4	4				0					4	100	0	0		
113	City of Cedar Rapids	City	120758	40	Sweeper, 4 Wheel Mechanical	3	3				0					3	100	0	0		
113	City of Cedar Rapids	City	120758	43	Dozer, 150 HP or less	1	1				0					1	100	0	0		
113	City of Cedar Rapids	City	120758	48	Motor grader, 135 HP or less	1	1				0					1	100	0	0		
113	City of Cedar Rapids	City	120758	49	Motor grader, >135 HP	16	7		9		0					16	100	0	0		
113	City of Cedar Rapids	City	120758	50	Self-Propelled Chip Spreader	1	1				0					1	100	0	0		
113	City of Cedar Rapids	City	120758	53	Skid Steer Loader, Wheel or Track	2	2				0					2	100	0	0		
113	City of Cedar Rapids	City	120758	102	Breaker Pavement, Attachment	3	3				0					3	100	0	0		
113	City of Cedar Rapids	City	120758	103	Broom, Attachment	2	2				0					2	100	0	0		



ID	Entity	Type	Pop.	Equip. Line	Type of Equipment	# Owned	# Formal Bld	# Direct Purchase	# Existing Contract	# Purchased Used	No Response Owned	# Leased	# Long Term with Maintenance	# Long Term No Maintenance	# Short Term Rental	No Response Leased	Total # Owned and Leased	% Usage	% Maintenance	% Construction	Other Usage
113	City of Cedar Rapids	City	120758	105	Compressor, Air 125-200	6	6				0						6	100	0	0	
113	City of Cedar Rapids	City	120758	107	Conveyor, Salt	1	1				0						1	100	0	0	
113	City of Cedar Rapids	City	120758	109	Distributor Bitumen, Slip-in or Trailer	2	2				0						2	100	0	0	
113	City of Cedar Rapids	City	120758	112	Filler, Crack	2	2				0						2	100	0	0	
113	City of Cedar Rapids	City	120758	113	Grapple Attachment, Loader	1	1				0						1	100	0	0	
113	City of Cedar Rapids	City	120758	115	Hydro-Seeder	1	1				0						1	100	0	0	
113	City of Cedar Rapids	City	120758	122	Marker, Centerline Paint	1	1				0						1	100	0	0	
113	City of Cedar Rapids	City	120758	123	Miller, Asphalt Spreader	2	2				0						2	100	0	0	
113	City of Cedar Rapids	City	120758	124	Milling Head	1	1				0						1	100	0	0	
113	City of Cedar Rapids	City	120758	127	Pump, Mud Paddle/Colloidal	1	1				0						1	100	0	0	
113	City of Cedar Rapids	City	120758	130	Saw, Concrete	2	2				0						2	100	0	0	
113	City of Cedar Rapids	City	120758	133	Sewer Jet Vacuum (Combination)	4	4				0						4	100	0	0	
113	City of Cedar Rapids	City	120758	140	Tiller, Power Rake	2	2				0						2	100	0	0	
113	City of Cedar Rapids	City	120758	143	Trailer, Low Bed 15 Ton	4	4				0						4	100	0	0	
113	City of Cedar Rapids	City	120758	144	Trailer, Low Bed Semi	1	1				0						1	100	0	0	
105	Clayton County	County	1465	1	Single Axle, Dump Body	3	3				0						3	90	10	0	
105	Clayton County	County	1465	2	Single axle, flatbed	1	1				0						1	90	10	0	
105	Clayton County	County	1465	4	Tandem axle, dump body	15	15				0						15	80	20	0	
105	Clayton County	County	1465	12	Semi-Tractor	1	1				0						1	50	50	0	
105	Clayton County	County	1465	14	Hydraulic wheeled, 1-2 cy	3	3				0						3	80	20	0	
105	Clayton County	County	1465	31	Loader Crawler 80+ HP	1	1				0						1	100	0	0	
105	Clayton County	County	1465	32	Wheel Loader 2 cy or less	1	1				0						1	90	10	0	
105	Clayton County	County	1465	33	Wheel Loader 2 cy +	1	1				0						1	90	10	0	
105	Clayton County	County	1465	35	Mowing Tractor 45-65 HP	3	3				0						3	100	0	0	
105	Clayton County	County	1465	36	Mowing Tractor 65+ HP	2	2				0						2	100	0	0	
105	Clayton County	County	1465	37	Tractor Loader-Backhoe	1	1				0						1	100	0	0	
105	Clayton County	County	1465	43	Dozer, 150 HP or less	2	2				0						2	50	50	0	
105	Clayton County	County	1465	46	Dragline, 1/2 cy or less	1	1				0						1	20	80	0	
105	Clayton County	County	1465	49	Motor grader, >135 HP	12	2	10			0						12	90	10	0	
105	Clayton County	County	1465	105	Compressor, Air 125-200	1	1				0						1	50	50	0	
105	Clayton County	County	1465	111	Driver, Pile or Pipe	1	1			1	0						1	20	80	0	
105	Clayton County	County	1465	112	Filler, Crack	1	1				0						1	100	0	0	
105	Clayton County	County	1465	115	Hydro-Seeder	1	1				0						1	50	50	0	
105	Clayton County	County	1465	117	Machine, Asphalt Patcher	1	1				0						1	100	0	0	
105	Clayton County	County	1465	144	Trailer, Low Bed Semi	1	1				0						1	50	50	0	
123	Iowa County	County	2535	1	Single Axle, Dump Body	2	2				0						2	90	10	0	
123	Iowa County	County	2535	4	Tandem axle, dump body	10	10				0						10	90	10	0	
123	Iowa County	County	2535	12	Semi-Tractor	2	2				0						2	95	5	0	
123	Iowa County	County	2535	14	Hydraulic wheeled, 1-2 cy	1	1				1						2	100	0	0	
123	Iowa County	County	2535	17	Hydraulic crawler, 1-2 cy	2	2				0			1			2	50	50	0	
123	Iowa County	County	2535	28	Sheep's Foot Roller 67"+	1	1			1	0						1	10	90	0	
123	Iowa County	County	2535	33	Wheel Loader 2 cy +	3	3				0						3	95	5	0	
123	Iowa County	County	2535	36	Mowing Tractor 65+ HP	3	3				0						3	90	10	0	
123	Iowa County	County	2535	37	Tractor Loader-Backhoe	1	1				0						1	90	10	0	
123	Iowa County	County	2535	43	Dozer, 150 HP or less	1	1				0						1	60	40	0	
123	Iowa County	County	2535	44	Dozer, 150-300 HP	1	1				0						1	60	40	0	
123	Iowa County	County	2535	47	Dragline, > 1/2 cy	1	1				0						1	10	90	0	
123	Iowa County	County	2535	49	Motor grader, >135 HP	11	11				0						11	95	5	0	
123	Iowa County	County	2535	103	Broom, Attachment	1	1				1						1	75	25	0	
123	Iowa County	County	2535	104	Brush Chipper	2	1				1						2	95	5	0	
123	Iowa County	County	2535	105	Compressor, Air 125-200	1	1				0						1	100	0	0	
123	Iowa County	County	2535	109	Distributor Bitumen, Slip-in or Trailer	1	1				1						1	100	0	0	
123	Iowa County	County	2535	112	Filler, Crack	1	1				1						1	100	0	0	
123	Iowa County	County	2535	115	Hydro-Seeder	1	1				0						1	50	50	0	
123	Iowa County	County	2535	130	Saw, Concrete	1	1				0						1	100	0	0	
123	Iowa County	County	2535	138	Sprayer, Weed	2	1				1						2	100	0	0	
123	Iowa County	County	2535	141	Trailer, Belly Dump	1	1				1						1	95	5	0	
123	Iowa County	County	2535	143	Trailer, Low Bed 15 Ton	1	1				0						1	80	20	0	
123	Iowa County	County	2535	144	Trailer, Low Bed Semi	1	1				0						1	80	20	0	
123	Amana Colonies	County	2535	0	Not Applicable	0	0				0						0				
64	Adams County	County	4482	1	Single Axle, Dump Body	12	8	4			0						12	87.5	100	0	0
64	Adams County	County	4482	2	Single axle, flatbed	1	1				0						1	75	100	0	0
64	Adams County	County	4482	12	Semi-Tractor	1	1				1						1	100	100	0	0
64	Adams County	County	4482	32	Wheel Loader 2 cy or less	1	1				1						1	100	100	0	0
64	Adams County	County	4482	36	Mowing Tractor 65+ HP	2	2				0						2	75	100	0	0
64	Adams County	County	4482	42	Cranes	1	1				1						1	37.5	100	0	0
64	Adams County	County	4482	43	Dozer, 150 HP or less	2	2				0						2	81.25	100	0	0
64	Adams County	County	4482	49	Motor grader, >135 HP	8	8				0						8	90.6	100	0	0
64	Adams County	County	4482	103	Broom, Attachment	1	1				1						1	18.75	100	0	0
64	Adams County	County	4482	104	Brush Chipper	1	1				0						1	12.5	100	0	0
64	Adams County	County	4482	105	Compressor, Air 125-200	1	1				0						1	18.75	100	0	0

ID	Entity	Type	Pop.	Equip. Line	Type of Equipment	Equipment Acquisition and Usage													Total # Owned and Leased	% Usage	% Maintenance	% Construction	Other Usage		
						# Owned	# Formal Bld	# Direct Purchase	# Existing Contract	# Purchased Used	No Response Owned	# Leased	# Long Term with Maintenance	# Long Term No Maintenance	# Short Term Rental	No Response Leased									
64	Adams County	County	4482	138	Sprayer, Weed	1		1													1	90	10	0	
64	Adams County	County	4482	144	Trailer, Low Bed Semi	1	1														1	90	10	0	
64	Adams County	County	4482	146	Washer, Hi-Power Water	1	1														1	90	10	0	
235	Audubon County Secondary Roads	County	6830	1	Single Axle, Dump Body	9			9												9	100	0	0	
235	Audubon County Secondary Roads	County	6830	4	Tandem axle, dump body	3		1	2												3	100	0	0	
235	Audubon County Secondary Roads	County	6830	12	Semi-Tractor	3			3												3	100	0	0	
235	Audubon County Secondary Roads	County	6830	14	Hydraulic wheeled, 1-2 cy	1		1													1	94	6	0	
235	Audubon County Secondary Roads	County	6830	17	Hydraulic crawler, 1-2 cy	1		1													1	96	4	0	
235	Audubon County Secondary Roads	County	6830	32	Wheel Loader 2 cy or less	1				1											1	100	0	0	
235	Audubon County Secondary Roads	County	6830	33	Wheel Loader 2 cy +	2		2													2	100	0	0	
235	Audubon County Secondary Roads	County	6830	35	Mowing Tractor 45-65 HP	1		1													1	100	0	0	
235	Audubon County Secondary Roads	County	6830	36	Mowing Tractor 65+ HP	2		2													2	100	0	0	
235	Audubon County Secondary Roads	County	6830	43	Dozer, 150 HP or less	1		1													1	93	7	0	
235	Audubon County Secondary Roads	County	6830	46	Dragline, 1/2 cy or less	2		1		1											2	74	26	0	
235	Audubon County Secondary Roads	County	6830	49	Motor grader, >135 HP	10		10													10	94	6	0	
235	Audubon County Secondary Roads	County	6830	103	Broom, Attachment	1		1													1	100	0	0	
235	Audubon County Secondary Roads	County	6830	104	Brush Chipper	2		2													2	100	0	0	
235	Audubon County Secondary Roads	County	6830	105	Compressor, Air 125-200	1		1													1	100	0	0	
235	Audubon County Secondary Roads	County	6830	114	Heater, Pre-Mix	1				1											1	10	90	0	
235	Audubon County Secondary Roads	County	6830	115	Hydro-Seeder	1		1													1	100	0	0	
235	Audubon County Secondary Roads	County	6830	130	Saw, Concrete	1		1													1	100	0	0	
235	Audubon County Secondary Roads	County	6830	131	Seeder	1		1													1	100	0	0	
235	Audubon County Secondary Roads	County	6830	138	Sprayer, Weed	3		3													3	100	0	0	
235	Audubon County Secondary Roads	County	6830	141	Trailer, Belly Dump	2		2													2	100	0	0	
235	Audubon County Secondary Roads	County	6830	144	Trailer, Low Bed Semi	1		1													1	100	0	0	
219	Taylor County	County	6958	1	Single Axle, Dump Body	1		1													1	63.75	35	65	0
219	Taylor County	County	6958	2	Single axle, flatbed	3		3													3	75	44	56	0
219	Taylor County	County	6958	4	Tandem axle, dump body	5		2	3												5	85	88	12	0
219	Taylor County	County	6958	12	Semi-Tractor	1				1											1	77.5	55	45	0
219	Taylor County	County	6958	17	Hydraulic crawler, 1-2 cy	1		1													1	93.75	65	35	0
219	Taylor County	County	6958	25	Rubber Tire Roller 7 wheel	1				1											1	10	0	100	0
219	Taylor County	County	6958	27	Sheep's Foot Roller 40-67"	1				1											1	37.5	0	100	0
219	Taylor County	County	6958	32	Wheel Loader 2 cy or less	1				1											1	67.5	100	0	0
219	Taylor County	County	6958	35	Mowing Tractor 45-65 HP	5		5													5	80	88	12	0
219	Taylor County	County	6958	43	Dozer, 150 HP or less	1		1													1	45	22	78	0
219	Taylor County	County	6958	44	Dozer, 150-300 HP	1				1											1	27.5	0	100	0
219	Taylor County	County	6958	46	Dragline, 1/2 cy or less	1				1											1	27.5	0	100	0
219	Taylor County	County	6958	47	Dragline, > 1/2 cy	1				1											1	60	0	100	0
219	Taylor County	County	6958	49	Motor grader, >135 HP	8		8													8	93.75	90	10	0
219	Taylor County	County	6958	105	Compressor, Air 125-200	1				1											1	20	0	100	0
219	Taylor County	County	6958	109	Distributor Bitumen, Slip-in or Trailer	1				1											1	2.5	100	0	0
219	Taylor County	County	6958	137	Spade, Tree	1		1													1	40	100	0	0
219	Taylor County	County	6958	138	Sprayer, Weed	1		1													1	55	100	0	0
219	Taylor County	County	6958	144	Trailer, Low Bed Semi	1		1													1	82.5	52	48	0
219	Taylor County	County	6958	147	14' Tilt Top trailer	1		1													1	27.5	0	100	0
219	Taylor County	County	6958	148	Pull Scrapers	1		1													1	5	100	0	0
219	Taylor County	County	6958	201	Forklift	1				1											1	90	100	0	0
219	Taylor County	County	6958	203	Single axle truck, utility box, Hydraulic arm	1		1													1	90	100	0	0
219	Taylor County	County	6958	204	Single axle truck, utility box, winch	1		1													1	90	0	100	0
36	Osceola County	County	7003	1	Single Axle, Dump Body	4		4													4	89	11	0	0
36	Osceola County	County	7003	2	Single axle, flatbed	1		1													1	100	0	0	0
36	Osceola County	County	7003	4	Tandem axle, dump body	5		5													5	94	6	0	0
36	Osceola County	County	7003	10	Truck-Mounted Bitumen Distributor	1		1													1	100	0	0	0
36	Osceola County	County	7003	12	Semi-Tractor	1		1													1	100	0	0	0
36	Osceola County	County	7003	14	Hydraulic wheeled, 1-2 cy	2		1	1												2	75	25	0	0
36	Osceola County	County	7003	33	Wheel Loader 2 cy +	4		4													4	100	0	0	0
36	Osceola County	County	7003	35	Mowing Tractor 45-65 HP	2		2													2	100	0	0	0
36	Osceola County	County	7003	36	Mowing Tractor 65+ HP	1				1											1	100	0	0	0
36	Osceola County	County	7003	43	Dozer, 150 HP or less	1		1													1	75	25	0	0
36	Osceola County	County	7003	49	Motor grader, >135 HP	9		2	7												9	88	12	0	0
36	Osceola County	County	7003	104	Brush Chipper	1		1													1	100	0	0	0
36	Osceola County	County	7003	105	Compressor, Air 125-200	1		1													1	100	0	0	0
36	Osceola County	County	7003	134	Shouldering Machine	1		1													1	100	0	0	0
36	Osceola County	County	7003	138	Sprayer, Weed	1		1													1	100	0	0	0
36	Osceola County	County	7003	141	Trailer, Belly Dump	1		1													1	100	0	0	0
36	Osceola County	County	7003	143	Trailer, Low Bed 15 Ton	1		1													1	75	25	0	0
14	Worth County	County	7909	1	Single Axle, Dump Body	2		1		1											2	100	0	0	0
14	Worth County	County	7909	4	Tandem axle, dump body	13		13													13	95	5	0	0
14	Worth County	County	7909	12	Semi-Tractor	2		1		1											2	95	5	0	0
14	Worth County	County	7909	17	Hydraulic crawler, 1-2 cy	1		1													1	90	10	0	0
14	Worth County	County	7909	23	Drum Roller 40-67"	1		1													1	95	5	0	0

ID	Entity	Type	Pop.	Equip. Line	Type of Equipment	# Owned	# Formal Bld	# Direct Purchase	# Existing Contract	# Purchased Used	No Response Owned	# Leased	# Long Term with Maintenance	# Long Term No Maintenance	# Short Term Rental	No Response Leased	Total # Owned and Leased	% Usage	% Maintenance	% Construction	Other Usage
14	Worth County	County	7909	33	Wheel Loader 2 cy +	1				1	0						1	90	10	0	
14	Worth County	County	7909	35	Mowing Tractor 45-65 HP	4	2			2	0						4	100	0	0	
14	Worth County	County	7909	36	Mowing Tractor 65+ HP	1				1	0						1	100	0	0	
14	Worth County	County	7909	49	Motor grader, >135 HP	5	5				0						5	90	10	0	
14	Worth County	County	7909	104	Brush Chipper	1	1				0						1	100	0	0	
14	Worth County	County	7909	107	Conveyor, Salt	1		1			0						1	100	0	0	
14	Worth County	County	7909	144	Trailer, Low Bed Semi	2		1		1	0						2	90	10	0	
205	Fremont County Road Department	County	8010	1	Single Axle, Dump Body	4	4				0						4	100	0	0	
205	Fremont County Road Department	County	8010	2	Single axle, flatbed	2	2				0						2	94	6	0	
205	Fremont County Road Department	County	8010	4	Tandem axle, dump body	4	4				0						4	100	0	0	
205	Fremont County Road Department	County	8010	10	Truck-Mounted Bitumen Distributor	1	1				0						1	100	0	0	
205	Fremont County Road Department	County	8010	12	Semi-Tractor	2	2				0						2	100	0	0	
205	Fremont County Road Department	County	8010	14	Hydraulic wheeled, 1-2 cy	1	1				0						1	100	0	0	
205	Fremont County Road Department	County	8010	17	Hydraulic crawler, 1-2 cy	1			1		0						1	87	13	0	
205	Fremont County Road Department	County	8010	26	Rubber Tire Roller 9 wheel	2	2				0						2	100	0	0	
205	Fremont County Road Department	County	8010	33	Wheel Loader 2 cy +	2	2				0						2	100	0	0	
205	Fremont County Road Department	County	8010	36	Mowing Tractor 65+ HP	4	4				0						4	100	0	0	
205	Fremont County Road Department	County	8010	37	Tractor Loader-Backhoe	1	1				0						1	93	7	0	
205	Fremont County Road Department	County	8010	40	Sweeper, 4 Wheel Mechanical	1	1				0						1	100	0	0	
205	Fremont County Road Department	County	8010	42	Cranes	1			1		0						1	100	0	0	
205	Fremont County Road Department	County	8010	43	Dozer, 150 HP or less	1	1				0						1	78	22	0	
205	Fremont County Road Department	County	8010	44	Dozer, 150-300 HP	1	1				0						1	100	0	0	
205	Fremont County Road Department	County	8010	47	Dragline, > 1/2 cy	1			1		0						1	94	6	0	
205	Fremont County Road Department	County	8010	49	Motor grader, >135 HP	7	7				0						7	100	0	0	
205	Fremont County Road Department	County	8010	50	Self-Propelled Chip Spreader	1	1				0						1	100	0	0	
205	Fremont County Road Department	County	8010	104	Brush Chipper	2	2				0						2	100	0	0	
205	Fremont County Road Department	County	8010	106	Compressor, Air 200+	1		1			0						1	100	0	0	
205	Fremont County Road Department	County	8010	141	Trailer, Belly Dump	2	2				0						2	100	0	0	
205	Fremont County Road Department	County	8010	143	Trailer, Low Bed 15 Ton	3	3				0						3	90	10	0	
205	Fremont County Road Department	County	8010	144	Trailer, Low Bed Semi	1	1				0						1	90	10	0	
24	Davis County Highway Department	County	8541	1	Single Axle, Dump Body	3	3				0						3	90	10	0	
24	Davis County Highway Department	County	8541	2	Single axle, flatbed	2	1		1		0						2	75	25	0	
24	Davis County Highway Department	County	8541	4	Tandem axle, dump body	3	1	2			0						3	90	10	0	
24	Davis County Highway Department	County	8541	12	Semi-Tractor	1			1		0						1	50	50	0	
24	Davis County Highway Department	County	8541	13	Hydraulic wheeled, < 1 cy	2	2				0						2	75	25	0	
24	Davis County Highway Department	County	8541	28	Sheep's Foot Roller 67"+	1	1				0						1	25	75	0	
24	Davis County Highway Department	County	8541	29	Integrated Tool Carrier	1	1				0						1	100	0	0	
24	Davis County Highway Department	County	8541	36	Mowing Tractor 65+ HP	5	4		1		0						5	100	0	0	
24	Davis County Highway Department	County	8541	44	Dozer, 150-300 HP	2	2				0						2	50	50	0	
24	Davis County Highway Department	County	8541	46	Dragline, 1/2 cy or less	1	1				0						1	50	50	0	
24	Davis County Highway Department	County	8541	49	Motor grader, >135 HP	9	9				0						9	85	15	0	
24	Davis County Highway Department	County	8541	56	Drum Roller < 40"	1			1		0						1	100	0	0	
24	Davis County Highway Department	County	8541	57	Crawler Tractor 450 HP	1	1				0						1	25	75	0	
24	Davis County Highway Department	County	8541	58	Concrete Saw 65 HP	1			1		0						1	100	0	0	
24	Davis County Highway Department	County	8541	104	Brush Chipper	1	1				0						1	100	0	0	
24	Davis County Highway Department	County	8541	105	Compressor, Air 125-200	1	1				0						1	95	5	0	
24	Davis County Highway Department	County	8541	114	Heater, Pre-Mix	1			1		0						1	100	0	0	
24	Davis County Highway Department	County	8541	144	Trailer, Low Bed Semi	1	1				0						1	50	50	0	
24	Davis County Highway Department	County	8541	147	14' Tilt Top trailer	1	1				0						1	75	25	0	
24	Davis County Highway Department	County	8541	148	Pull Scrapers	2	2				0						2	40	60	0	
42	Pocahontas County	County	8662	1	Single Axle, Dump Body	3					3	0					3	100	0	0	
42	Pocahontas County	County	8662	2	Single axle, flatbed	2					2	0					2	98	2	0	
42	Pocahontas County	County	8662	4	Tandem axle, dump body	17	2				15	0					17	95	5	0	
42	Pocahontas County	County	8662	12	Semi-Tractor	1					1	0					1	95	5	0	
42	Pocahontas County	County	8662	15	Hydraulic wheeled, 2+ cy	1					1	0					1	95	5	0	
42	Pocahontas County	County	8662	33	Wheel Loader 2 cy +	2					2	0					2	98	2	0	
42	Pocahontas County	County	8662	35	Mowing Tractor 45-65 HP	3					3	0					3	100	0	0	
42	Pocahontas County	County	8662	37	Tractor Loader-Backhoe	1					1	0					1	98	2	0	
42	Pocahontas County	County	8662	43	Dozer, 150 HP or less	1					1	0					1	50	50	0	
42	Pocahontas County	County	8662	49	Motor grader, >135 HP	15	1				14	0					15	99	1	0	
42	Pocahontas County	County	8662	103	Broom, Attachment	1					1	0					1	100	0	0	
42	Pocahontas County	County	8662	105	Compressor, Air 125-200	1					1	0					1	100	0	0	
42	Pocahontas County	County	8662	134	Shouldering Machine	1					1	0					1	100	0	0	
42	Pocahontas County	County	8662	136	Snow Blower, Attachment	1					1	0					1	100	0	0	
42	Pocahontas County	County	8662	143	Trailer, Low Bed 15 Ton	1					1	0					1	95	5	0	
42	Pocahontas County	County	8662	144	Trailer, Low Bed Semi	1					1	0					1	95	5	0	
75	Decatur County Engineer	County	8689	1	Single Axle, Dump Body	5	5				0						5	100	90	10	
75	Decatur County Engineer	County	8689	2	Single axle, flatbed	1	1				0						1	100	0	100	
75	Decatur County Engineer	County	8689	4	Tandem axle, dump body	4	4				0						4	100	88	12	
75	Decatur County Engineer	County	8689	10	Truck-Mounted Bitumen Distributor	1	1				0						1	25	100	0	
75	Decatur County Engineer	County	8689	12	Semi-Tractor	2				2	0						2	100	38	62	

ID	Entity	Type	Pop.	Equip. Line	Type of Equipment												Total # Owned and Leased	% Usage	% Maintenance	% Construction	Other Usage
						# Owned	# Formal Bld	# Direct Purchase	# Existing Contract	# Purchased Used	No Response Owned	# Leased	# Long Term with Maintenance	# Long Term No Maintenance	# Short Term Rental	No Response Leased					
75	Decatur County Engineer	County	8689	17	Hydraulic crawler, 1-2 cy	2	2										2	100	50	50	0
75	Decatur County Engineer	County	8689	26	Rubber Tire Roller 9 wheel	1				1							1	25	100	0	0
75	Decatur County Engineer	County	8689	28	Sheep's Foot Roller 67"+	1				1							1	50	0	100	0
75	Decatur County Engineer	County	8689	30	Loader Crawler 80 HP or less	1				1							1	100	50	50	0
75	Decatur County Engineer	County	8689	32	Wheel Loader 2 cy or less	3				3							3	100	100	0	0
75	Decatur County Engineer	County	8689	34	Mowing Tractor <45 HP	1				1							1	100	100	0	0
75	Decatur County Engineer	County	8689	35	Mowing Tractor 45-65 HP	2	2										2	100	100	0	0
75	Decatur County Engineer	County	8689	36	Mowing Tractor 65+ HP	2	2										2	100	100	0	0
75	Decatur County Engineer	County	8689	42	Cranes	1				1							1	100	0	100	0
75	Decatur County Engineer	County	8689	43	Dozer, 150 HP or less	2	2										2	100	50	50	0
75	Decatur County Engineer	County	8689	49	Motor grader, >135 HP	8	8										8	100	100	0	0
75	Decatur County Engineer	County	8689	50	Self-Propelled Chip Spreader	1				1							1	25	100	0	0
75	Decatur County Engineer	County	8689	105	Compressor, Air 125-200	2	1			1							2	75	50	50	0
75	Decatur County Engineer	County	8689	111	Driver, Pile or Pipe	1				1							1	100	0	100	0
75	Decatur County Engineer	County	8689	131	Seeder	1			1								1	50	0	100	0
75	Decatur County Engineer	County	8689	141	Trailer, Belly Dump	1	1										1	100	100	0	0
75	Decatur County Engineer	County	8689	144	Trailer, Low Bed Semi	1	1										1	100	50	50	0
75	Decatur County Engineer	County	8689	146	Washer, Hi-Power Water	1		1									1	100	100	0	0
17	Clarke County Secondary Roads	County	9133	1	Single Axle, Dump Body	3		3									3	100	0	0	0
17	Clarke County Secondary Roads	County	9133	2	Single axle, flatbed	1		1									1	85	15	0	0
17	Clarke County Secondary Roads	County	9133	4	Tandem axle, dump body	4		4									4	90	10	0	0
17	Clarke County Secondary Roads	County	9133	12	Semi-Tractor	2		1		1							2	95	5	0	0
17	Clarke County Secondary Roads	County	9133	14	Hydraulic wheeled, 1-2 cy	1		1									1	95	5	0	0
17	Clarke County Secondary Roads	County	9133	17	Hydraulic crawler, 1-2 cy	1				1							1	85	15	0	0
17	Clarke County Secondary Roads	County	9133	26	Rubber Tire Roller 9 wheel	1				1							1	5	95	0	0
17	Clarke County Secondary Roads	County	9133	28	Sheep's Foot Roller 67"+	1				1							1	20	80	0	0
17	Clarke County Secondary Roads	County	9133	33	Wheel Loader 2 cy +	1		1									1	90	10	0	0
17	Clarke County Secondary Roads	County	9133	34	Mowing Tractor <45 HP	1		1									1	100	0	0	0
17	Clarke County Secondary Roads	County	9133	36	Mowing Tractor 65+ HP	4		4									4	95	5	0	0
17	Clarke County Secondary Roads	County	9133	44	Dozer, 150-300 HP	2	2										2	85	15	0	0
17	Clarke County Secondary Roads	County	9133	49	Motor grader, >135 HP	10		10									10	95	5	0	0
17	Clarke County Secondary Roads	County	9133	104	Brush Chipper	1		1									1	100	0	0	0
17	Clarke County Secondary Roads	County	9133	105	Compressor, Air 125-200	1		1									1	80	20	0	0
17	Clarke County Secondary Roads	County	9133	131	Seeder	1		1									1	60	40	0	0
17	Clarke County Secondary Roads	County	9133	138	Sprayer, Weed	1		1									1	100	0	0	0
17	Clarke County Secondary Roads	County	9133	144	Trailer, Low Bed Semi	2		1		1							2	95	5	0	0
17	Clarke County Secondary Roads	County	9133	146	Washer, Hi-Power Water	1		1									1	90	10	0	0
7	Howard County Secondary Roads	County	9932	1	Single Axle, Dump Body	3		3									3	100	0	0	0
7	Howard County Secondary Roads	County	9932	4	Tandem axle, dump body	8		8									8	98	2	0	0
7	Howard County Secondary Roads	County	9932	14	Hydraulic wheeled, 1-2 cy	1		1									1	95	5	0	0
7	Howard County Secondary Roads	County	9932	17	Hydraulic crawler, 1-2 cy	1		1									1	95	5	0	0
7	Howard County Secondary Roads	County	9932	32	Wheel Loader 2 cy or less	1		1									1	100	0	0	0
7	Howard County Secondary Roads	County	9932	33	Wheel Loader 2 cy +	1		1									1	100	0	0	0
7	Howard County Secondary Roads	County	9932	36	Mowing Tractor 65+ HP	3		1		2							3	100	0	0	0
7	Howard County Secondary Roads	County	9932	37	Tractor Loader-Backhoe	1		1									1	100	0	0	0
7	Howard County Secondary Roads	County	9932	43	Dozer, 150 HP or less	2		2									2	75	25	0	0
7	Howard County Secondary Roads	County	9932	47	Dragline, > 1/2 cy	1		1									1	80	20	0	0
7	Howard County Secondary Roads	County	9932	48	Motor grader, 135 HP or less	11		11									11	100	0	0	0
7	Howard County Secondary Roads	County	9932	103	Broom, Attachment	1				1							1	100	0	0	0
7	Howard County Secondary Roads	County	9932	104	Brush Chipper	1		1									1	100	0	0	0
7	Howard County Secondary Roads	County	9932	105	Compressor, Air 125-200	1		1									1	100	0	0	0
7	Howard County Secondary Roads	County	9932	111	Driver, Pile or Pipe	2		2									2	100	0	0	0
7	Howard County Secondary Roads	County	9932	116	Kettle, Bitumen Heater	1		1									1	100	0	0	0
7	Howard County Secondary Roads	County	9932	129	Roller, Attachment	2				2							2	100	0	0	0
7	Howard County Secondary Roads	County	9932	136	Snow Blower, Attachment	1		1									1	100	0	0	0
7	Howard County Secondary Roads	County	9932	138	Sprayer, Weed	1		1									1	100	0	0	0
7	Howard County Secondary Roads	County	9932	144	Trailer, Low Bed Semi	1				1							1	98	2	0	0
4	Monoma County	County	10020	1	Single Axle, Dump Body	9		9									9	100	100	0	0
4	Monoma County	County	10020	2	Single axle, flatbed	4		4									4	81.25	100	0	0
4	Monoma County	County	10020	4	Tandem axle, dump body	6		6									6	83.3	100	0	0
4	Monoma County	County	10020	14	Hydraulic wheeled, 1-2 cy	2		2									2	75	100	0	0
4	Monoma County	County	10020	17	Hydraulic crawler, 1-2 cy	1		1									1	75	100	0	0
4	Monoma County	County	10020	32	Wheel Loader 2 cy or less	6		6									6	100	100	0	0
4	Monoma County	County	10020	35	Mowing Tractor 45-65 HP	6		6									6	75	100	0	0
4	Monoma County	County	10020	36	Mowing Tractor 65+ HP	0				3		3					3	75	100	0	0
4	Monoma County	County	10020	42	Cranes	1		1									1	50	100	0	0
4	Monoma County	County	10020	43	Dozer, 150 HP or less	1		1									1	75	100	0	0
4	Monoma County	County	10020	44	Dozer, 150-300 HP	2		2									2	0	100	0	0
4	Monoma County	County	10020	49	Motor grader, >135 HP	15		15			1	1					16	100	100	0	0
4	Monoma County	County	10020	51	Scraper, Rubber Tire Elevating <15 cy	1		1									1	75	100	0	0
4	Monoma County	County	10020	53	Skid Steer Loader, Wheel or Track	1		1									1	75	100	0	0

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4	Monoma County	County	10020	103	Broom, Attachment	1	1											1	75	100	0	0		
4	Monoma County	County	10020	106	Compressor, Air 200+	3	3											3	75	100	0	0		
4	Monoma County	County	10020	115	Hydro-Seeder	1	1											1	75	100	0	0		
4	Monoma County	County	10020	117	Machine, Asphalt Patcher	1	1											1	75	100	0	0		
4	Monoma County	County	10020	124	Milling Head	1	1											1	75	100	0	0		
4	Monoma County	County	10020	130	Saw, Concrete	1	1											1	75	100	0	0		
4	Monoma County	County	10020	131	Seeder	1	1											1	50	50	50	0		
4	Monoma County	County	10020	138	Sprayer, Weed	1	1											1	75	100	0	0		
4	Monoma County	County	10020	141	Trailer, Belly Dump	3	3											3	75	100	0	0		
4	Monoma County	County	10020	143	Trailer, Low Bed 15 Ton	3	3											3	75	100	0	0		
4	Monoma County	County	10020	144	Trailer, Low Bed Semi	2	2											2	75	100	0	0		
4	Monoma County	County	10020	146	Washer, Hi-Power Water	3	3											3	100	100	0	0		
96	Greene County	County	10366	1	Single Axle, Dump Body	10	9	1										10	99	1	0	0		
96	Greene County	County	10366	2	Single axle, flatbed	1	1											1	99	1	0	0		
96	Greene County	County	10366	4	Tandem axle, dump body	7	7											7	99	1	0	0		
96	Greene County	County	10366	12	Semi-Tractor	2		1		1								2	99	1	0	0		
96	Greene County	County	10366	17	Hydraulic crawler, 1-2 cy	1				1								1	98	2	0	0		
96	Greene County	County	10366	27	Sheep's Foot Roller 40-67"	1				1								1	98	2	0	0		
96	Greene County	County	10366	28	Sheep's Foot Roller 67"+	1				1								1	98	2	0	0		
96	Greene County	County	10366	33	Wheel Loader 2 cy +	3				3								3	98	2	0	0		
96	Greene County	County	10366	36	Mowing Tractor 65+ HP	2		2										2	100	0	0	0		
96	Greene County	County	10366	37	Tractor Loader-Backhoe	4		4										4	99	1	0	0		
96	Greene County	County	10366	43	Dozer, 150 HP or less	2		1			1							2	98	2	0	0		
96	Greene County	County	10366	49	Motor grader, >135 HP	14			13		1							14	99	1	0	0		
96	Greene County	County	10366	103	Broom, Attachment	1		1										1	100	0	0	0		
96	Greene County	County	10366	105	Compressor, Air 125-200	1				1								1	100	0	0	0		
96	Greene County	County	10366	130	Saw, Concrete	1		1										1	100	0	0	0		
96	Greene County	County	10366	132	Sewer Jet	1				1								1	100	0	0	0		
96	Greene County	County	10366	138	Sprayer, Weed	1				1								1	100	0	0	0		
96	Greene County	County	10366	141	Trailer, Belly Dump	2		2										2	99	1	0	0		
96	Greene County	County	10366	142	Trailer, Side Dump	2		2										2	98	2	0	0		
96	Greene County	County	10366	143	Trailer, Low Bed 15 Ton	5		4	1									5	99	1	0	0		
96	Greene County	County	10366	144	Trailer, Low Bed Semi	1		1										1	99	1	0	0		
58	Franklin County Road Dept.	County	10704	1	Single Axle, Dump Body	12		7	5									12	80	20	0	0		
58	Franklin County Road Dept.	County	10704	4	Tandem axle, dump body	5		2	3									5	80	20	0	0		
58	Franklin County Road Dept.	County	10704	9	Platform Boom (High-Reach)	1		1										1	70	30	0	0		
58	Franklin County Road Dept.	County	10704	12	Semi-Tractor	2		2										2	80	20	0	0		
58	Franklin County Road Dept.	County	10704	13	Hydraulic wheeled, < 1 cy	2		1	1									2	75	25	0	0		
58	Franklin County Road Dept.	County	10704	29	Integrated Tool Carrier	1		1										1	100	0	0	0		
58	Franklin County Road Dept.	County	10704	31	Loader Crawler 80+ HP	1		1										1	90	10	0	0		
58	Franklin County Road Dept.	County	10704	32	Wheel Loader 2 cy or less	1		1										1	100	0	0	0		
58	Franklin County Road Dept.	County	10704	33	Wheel Loader 2 cy +	3		1			2							3	100	0	0	0		
58	Franklin County Road Dept.	County	10704	35	Mowing Tractor 45-65 HP	2		2										2	100	0	0	0		
58	Franklin County Road Dept.	County	10704	36	Mowing Tractor 65+ HP	1		1										1	100	0	0	0		
58	Franklin County Road Dept.	County	10704	37	Tractor Loader-Backhoe	1		1										1	90	10	0	0		
58	Franklin County Road Dept.	County	10704	43	Dozer, 150 HP or less	2			2									2	30	70	0	0		
58	Franklin County Road Dept.	County	10704	49	Motor grader, >135 HP	15		7	8									15	90	10	0	0		
58	Franklin County Road Dept.	County	10704	104	Brush Chipper	1		1										1	100	0	0	0		
58	Franklin County Road Dept.	County	10704	105	Compressor, Air 125-200	1		1										1	100	0	0	0		
58	Franklin County Road Dept.	County	10704	117	Machine, Asphalt Patcher	1		1										1	100	0	0	0		
58	Franklin County Road Dept.	County	10704	136	Snow Blower, Attachment	2		2										2	100	0	0	0		
58	Franklin County Road Dept.	County	10704	141	Trailer, Belly Dump	2		1			1							2	90	10	0	0		
58	Franklin County Road Dept.	County	10704	144	Trailer, Low Bed Semi	1		1										1	30	70	0	0		
58	Franklin County Road Dept.	County	10704	145	Trailer, Van	1				1								1	0	0	100	0		
58	Franklin County Road Dept.	County	10704	146	Washer, Hi-Power Water	1		1										1	100	0	0	0		
31	Mitchell County	County	10874	1	Single Axle, Dump Body	2		2										2	100	0	0	0		
31	Mitchell County	County	10874	2	Single axle, flatbed	1		1										1	100	0	0	0		
31	Mitchell County	County	10874	4	Tandem axle, dump body	11		11										11	95	5	0	0		
31	Mitchell County	County	10874	11	Water Truck	1		1										1	100	0	0	0		
31	Mitchell County	County	10874	12	Semi-Tractor	1		1										1	95	5	0	0		
31	Mitchell County	County	10874	17	Hydraulic crawler, 1-2 cy	1		1										1	95	5	0	0		
31	Mitchell County	County	10874	32	Wheel Loader 2 cy or less	1		1										1	100	0	0	0		
31	Mitchell County	County	10874	33	Wheel Loader 2 cy +	1					1							1	100	0	0	0		
31	Mitchell County	County	10874	36	Mowing Tractor 65+ HP	3					3							3	100	0	0	0		
31	Mitchell County	County	10874	40	Sweeper, 4 Wheel Mechanical	1					1							1	100	0	0	0		
31	Mitchell County	County	10874	43	Dozer, 150 HP or less	1		1										1	100	0	0	0		
31	Mitchell County	County	10874	46	Dragline, 1/2 cy or less	1		1										1	100	0	0	0		
31	Mitchell County	County	10874	48	Motor grader, 135 HP or less	1		1										1	100	0	0	0		
31	Mitchell County	County	10874	49	Motor grader, >135 HP	10		10										10	95	5	0	0		
31	Mitchell County	County	10874	104	Brush Chipper	1		1										1	100	0	0	0		
31	Mitchell County	County	10874	105	Compressor, Air 125-200	1		1										1	100	0	0	0		

ID	Entity	Type	Pop.	Equip. Line	Type of Equipment	# Owned	# Formal Bld	# Direct Purchase	# Existing Contract	# Purchased Used	No Response Owned	# Leased	# Long Term with Maintenance	# Long Term No Maintenance	# Short Term Rental	No Response Leased	Total # Owned and Leased	% Usage	% Maintenance	% Construction	Other Usage
31	Mitchell County	County	10874	138	Sprayer, Weed	1		1			0						1	100	0	0	
31	Mitchell County	County	10874	144	Trailer, Low Bed Semi	1		1			0						1	95	5	0	
203	Emmet County Secondary Roads	County	11027	4	Tandem axle, dump body	7	7	1			0						7	98	2	0	
203	Emmet County Secondary Roads	County	11027	12	Semi-Tractor	1	1				0						1	98	2	0	
203	Emmet County Secondary Roads	County	11027	23	Drum Roller 40-67"	1	1				0						1	100	0	0	
203	Emmet County Secondary Roads	County	11027	30	Loader Crawler 80 HP or less	1	1				0						1	98	2	0	
203	Emmet County Secondary Roads	County	11027	33	Wheel Loader 2 cy +	2	2				0						2	98	2	0	
203	Emmet County Secondary Roads	County	11027	36	Mowing Tractor 65+ HP	1	1				0						1	100	0	0	
203	Emmet County Secondary Roads	County	11027	37	Tractor Loader-Backhoe	1	1				0						1	100	0	0	
203	Emmet County Secondary Roads	County	11027	43	Dozer, 150 HP or less	1	1				0						1	2	98	0	
203	Emmet County Secondary Roads	County	11027	46	Dragline, 1/2 cy or less	1	1				0						1	100	0	0	
203	Emmet County Secondary Roads	County	11027	49	Motor grader, >135 HP	12	12				0						12	98	2	0	
203	Emmet County Secondary Roads	County	11027	105	Compressor, Air 125-200	1	1				0						1	100	0	0	
203	Emmet County Secondary Roads	County	11027	109	Distributor Bitumen, Slip-in or Trailer	1	1				0						1	100	0	0	
203	Emmet County Secondary Roads	County	11027	130	Saw, Concrete	1	1				0						1	100	0	0	
203	Emmet County Secondary Roads	County	11027	134	Shouldering Machine	1			1		0						1	100	0	0	
203	Emmet County Secondary Roads	County	11027	136	Snow Blower, Attachment	2	2				0						2	100	0	0	
203	Emmet County Secondary Roads	County	11027	141	Trailer, Belly Dump	1	1				0						1	98	2	0	
203	Emmet County Secondary Roads	County	11027	144	Trailer, Low Bed Semi	1			1		0						1	98	2	0	
12	Calhoun County	County	11115	1	Single Axle, Dump Body	3	3				0						3	100	0	0	
12	Calhoun County	County	11115	2	Single axle, flatbed	1	1				0						1	100	0	0	
12	Calhoun County	County	11115	4	Tandem axle, dump body	11	6	5			0						11	99	1	0	
12	Calhoun County	County	11115	12	Semi-Tractor	4	3		1		0						4	100	0	0	
12	Calhoun County	County	11115	17	Hydraulic crawler, 1-2 cy	1	1				0						1	99	1	0	
12	Calhoun County	County	11115	28	Sheep's Foot Roller 67"+	2			2		0						2	50	50	0	
12	Calhoun County	County	11115	33	Wheel Loader 2 cy +	4	3	1			0						4	100	0	0	
12	Calhoun County	County	11115	35	Mowing Tractor 45-65 HP	2	2				0						2	100	0	0	
12	Calhoun County	County	11115	37	Tractor Loader-Backhoe	3		3			0						3	100	0	0	
12	Calhoun County	County	11115	43	Dozer, 150 HP or less	2			2		0						2	50	50	0	
12	Calhoun County	County	11115	46	Dragline, 1/2 cy or less	1	1				0						1	100	0	0	
12	Calhoun County	County	11115	49	Motor grader, >135 HP	16	6	10			0						16	99	1	0	
12	Calhoun County	County	11115	51	Scraper, Rubber Tire Elevating <15 cy	1			1		0						1	100	0	0	
12	Calhoun County	County	11115	102	Breaker Pavement, Attachment	1		1			0						1	100	0	0	
12	Calhoun County	County	11115	103	Broom, Attachment	1		1			0						1	100	0	0	
12	Calhoun County	County	11115	105	Compressor, Air 125-200	1			1		0						1	100	0	0	
12	Calhoun County	County	11115	106	Compressor, Air 200+	1			1		0						1	100	0	0	
12	Calhoun County	County	11115	111	Driver, Pile or Pipe	1	1				0						1	100	0	0	
12	Calhoun County	County	11115	130	Saw, Concrete	1	1				0						1	100	0	0	
12	Calhoun County	County	11115	136	Snow Blower, Attachment	3	3				0						3	100	0	0	
12	Calhoun County	County	11115	141	Trailer, Belly Dump	1	1				0						1	100	0	0	
12	Calhoun County	County	11115	144	Trailer, Low Bed Semi	1			1		0						1	100	0	0	
12	Calhoun County	County	11115	145	Trailer, Van	3	3				0						3	100	0	0	
12	Calhoun County	County	11115	146	Washer, Hi-Power Water	6	6				0						6	100	0	0	
82	Guthrie County Secondary Road Dept.	County	11353	1	Single Axle, Dump Body	8	8				0						8	92	8	0	
82	Guthrie County Secondary Road Dept.	County	11353	2	Single axle, flatbed	1	1				0						1	100	0	0	
82	Guthrie County Secondary Road Dept.	County	11353	4	Tandem axle, dump body	3	3				0						3	90	10	0	
82	Guthrie County Secondary Road Dept.	County	11353	12	Semi-Tractor	4	4				0						4	90	10	0	
82	Guthrie County Secondary Road Dept.	County	11353	13	Hydraulic wheeled, < 1 cy	2	2				0						2	95	5	0	
82	Guthrie County Secondary Road Dept.	County	11353	16	Hydraulic crawler, <1 cy	2	1	1			0						2	50	50	0	
82	Guthrie County Secondary Road Dept.	County	11353	28	Sheep's Foot Roller 67"+	1	1				0						1	0	0	100	
82	Guthrie County Secondary Road Dept.	County	11353	32	Wheel Loader 2 cy or less	1	1				0						1	98	2	0	
82	Guthrie County Secondary Road Dept.	County	11353	33	Wheel Loader 2 cy +	2	2				0						2	98	2	0	
82	Guthrie County Secondary Road Dept.	County	11353	35	Mowing Tractor 45-65 HP	1	1				0						1	100	0	0	
82	Guthrie County Secondary Road Dept.	County	11353	36	Mowing Tractor 65+ HP	1	1				0						1	100	0	0	
82	Guthrie County Secondary Road Dept.	County	11353	37	Tractor Loader-Backhoe	1	1				0						1	95	5	0	
82	Guthrie County Secondary Road Dept.	County	11353	43	Dozer, 150 HP or less	2	2				0						2	90	10	0	
82	Guthrie County Secondary Road Dept.	County	11353	49	Motor grader, >135 HP	12	12				0						12	98	2	0	
82	Guthrie County Secondary Road Dept.	County	11353	65	Pickups	22	22				0						22	98	2	0	
82	Guthrie County Secondary Road Dept.	County	11353	67	Bucket Truck	1			1		0						1	100	0	0	
82	Guthrie County Secondary Road Dept.	County	11353	68	Sign Maintenance Truck	1	1				0						1	99	1	0	
82	Guthrie County Secondary Road Dept.	County	11353	104	Brush Chipper	1	1				0						1	100	0	0	
82	Guthrie County Secondary Road Dept.	County	11353	105	Compressor, Air 125-200	1	1				0						1	100	0	0	
82	Guthrie County Secondary Road Dept.	County	11353	108	Cutter, Stump	1	1				0						1	100	0	0	
82	Guthrie County Secondary Road Dept.	County	11353	141	Trailer, Belly Dump	3	3				0						3	97	3	0	
82	Guthrie County Secondary Road Dept.	County	11353	144	Trailer, Low Bed Semi	1	1				0						1	97	3	0	
82	Guthrie County Secondary Road Dept.	County	11353	149	Scraper < 15 cy	1			1		0						1	0	0	100	
239	Keokuk County	County	11400		Damaged Disk																
63	Sac County Road Dept.	County	11529	1	Single Axle, Dump Body	4		4			0						4	90	10	0	
63	Sac County Road Dept.	County	11529	2	Single axle, flatbed	1	1				0						1	100	0	0	
63	Sac County Road Dept.	County	11529	4	Tandem axle, dump body	3		3			0						3	90	10	0	
63	Sac County Road Dept.	County	11529	12	Semi-Tractor	3		3			0						3	90	10	0	

ID	Entity	Type	Pop.	Equip. Line	Type of Equipment														Total # Owned and Leased	% Usage	% Maintenance	% Construction	Other Usage
						# Owned	# Formal Bld	# Direct Purchase	# Existing Contract	# Purchased Used	No Response Owned	# Leased	# Long Term with Maintenance	# Long Term No Maintenance	# Short Term Rental	No Response Leased							
63	Sac County Road Dept.	County	11529	13	Hydraulic wheeled, < 1 cy	2		2										2	90	10	0		
63	Sac County Road Dept.	County	11529	29	Integrated Tool Carrier	2		2										2	100	0	0		
63	Sac County Road Dept.	County	11529	33	Wheel Loader 2 cy +	2		2										2	90	10	0		
63	Sac County Road Dept.	County	11529	36	Mowing Tractor 65+ HP	1		1										1	100	0	0		
63	Sac County Road Dept.	County	11529	37	Tractor Loader-Backhoe	1		1										1	90	10	0		
63	Sac County Road Dept.	County	11529	43	Dozer, 150 HP or less	1		1										1	90	10	0		
63	Sac County Road Dept.	County	11529	49	Motor grader, >135 HP	13		13										13	90	10	0		
63	Sac County Road Dept.	County	11529	53	Skid Steer Loader, Wheel or Track	1		1										1	90	10	0		
63	Sac County Road Dept.	County	11529	102	Breaker Pavement, Attachment	1		1										1	90	10	0		
63	Sac County Road Dept.	County	11529	104	Brush Chipper	1		1										1	100	0	0		
63	Sac County Road Dept.	County	11529	105	Compressor, Air 125-200	1		1										1	90	10	0		
63	Sac County Road Dept.	County	11529	138	Sprayer, Weed	1		1										1	100	0	0		
63	Sac County Road Dept.	County	11529	141	Trailer, Belly Dump	2		2										2	90	10	0		
63	Sac County Road Dept.	County	11529	146	Washer, Hi-Power Water	1		1										1	100	0	0		
234	Winnepago County	County	11723	1	Single Axle, Dump Body	5	3											5	100	0	0		
234	Winnepago County	County	11723	3	Single axle, van body	1				1								1	100	0	0		
234	Winnepago County	County	11723	4	Tandem axle, dump body	13	13											13	95	5	0		
234	Winnepago County	County	11723	12	Semi-Tractor	1				1								1	95	5	0		
234	Winnepago County	County	11723	18	Hydraulic crawler, 2+ cy	2	1			1								2	95	5	0		
234	Winnepago County	County	11723	26	Rubber Tire Roller 9 wheel	1				1								1	95	5	0		
234	Winnepago County	County	11723	28	Sheep's Foot Roller 67"+	2				2								2	95	5	0		
234	Winnepago County	County	11723	33	Wheel Loader 2 cy +	2	2											2	100	0	0		
234	Winnepago County	County	11723	36	Mowing Tractor 65+ HP	2	2											2	100	0	0		
234	Winnepago County	County	11723	37	Tractor Loader-Backhoe	3	3											3	100	0	0		
234	Winnepago County	County	11723	41	Sweeper, 4 Wheel Air	1				1								1	100	0	0		
234	Winnepago County	County	11723	45	Dozer, 300+HP	3	3											3	95	5	0		
234	Winnepago County	County	11723	47	Dragline, > 1/2 cy	1				1								1	0	100	0		
234	Winnepago County	County	11723	49	Motor grader, >135 HP	10	3	7										10	99	1	0		
234	Winnepago County	County	11723	52	Scraper, Rubber Tire Elevating >15 cy	4				4								4	0	100	0		
234	Winnepago County	County	11723	102	Breaker Pavement, Attachment	1		1										1	100	0	0		
234	Winnepago County	County	11723	103	Broom, Attachment	1		1										1	100	0	0		
234	Winnepago County	County	11723	104	Brush Chipper	1	1											1	100	0	0		
234	Winnepago County	County	11723	106	Compressor, Air 200+	2	2											2	95	5	0		
234	Winnepago County	County	11723	112	Filler, Crack	1	1											1	100	0	0		
234	Winnepago County	County	11723	116	Kettle, Bitumen Heater	1	1											1	100	0	0		
234	Winnepago County	County	11723	130	Saw, Concrete	1		1										1	100	0	0		
234	Winnepago County	County	11723	134	Shouldering Machine	1				1								1	100	0	0		
234	Winnepago County	County	11723	136	Snow Blower, Attachment	2		2										2	100	0	0		
234	Winnepago County	County	11723	141	Trailer, Belly Dump	2	2											2	100	0	0		
221	Lyon County	County	11763	1	Single Axle, Dump Body	6	3			3								6					
221	Lyon County	County	11763	2	Single axle, flatbed	2	1	1										2					
221	Lyon County	County	11763	4	Tandem axle, dump body	10	8		2									10					
221	Lyon County	County	11763	12	Semi-Tractor	1				1								1					
221	Lyon County	County	11763	14	Hydraulic wheeled, 1-2 cy	1		1										1					
221	Lyon County	County	11763	17	Hydraulic crawler, 1-2 cy	1		1										1					
221	Lyon County	County	11763	23	Drum Roller 40-67"	1		1										1					
221	Lyon County	County	11763	26	Rubber Tire Roller 9 wheel	1				1								1					
221	Lyon County	County	11763	28	Sheep's Foot Roller 67"+	1				1								1					
221	Lyon County	County	11763	30	Loader Crawler 80 HP or less	1				1								1					
221	Lyon County	County	11763	33	Wheel Loader 2 cy +	5	1			4								5					
221	Lyon County	County	11763	35	Mowing Tractor 45-65 HP	1	1											1					
221	Lyon County	County	11763	44	Dozer, 150-300 HP	1		1										1					
221	Lyon County	County	11763	49	Motor grader, >135 HP	11	1	3		7								11					
221	Lyon County	County	11763	51	Scraper, Rubber Tire Elevating <15 cy	1		1										1					
221	Lyon County	County	11763	104	Brush Chipper	2		2										2					
221	Lyon County	County	11763	105	Compressor, Air 125-200	1		1										1					
221	Lyon County	County	11763	117	Machine, Asphalt Patcher	1		1										1					
221	Lyon County	County	11763	136	Snow Blower, Attachment	5		4		1								5					
221	Lyon County	County	11763	143	Trailer, Low Bed 15 Ton	1		1										1					
221	Lyon County	County	11763	144	Trailer, Low Bed Semi	1		1										1					
221	Lyon County	County	11763	205	Oshkosh Snow Truck	5		2		3								5					
221	Lyon County	County	11763	206	Trailer, Pup	2		2										2					
164	Montgomery County Secondary Road Department	County	11771	1	Single Axle, Dump Body	3	3											3	90	10	0		
164	Montgomery County Secondary Road Department	County	11771	2	Single axle, flatbed	1	1											1	90	10	0		
164	Montgomery County Secondary Road Department	County	11771	4	Tandem axle, dump body	4	4											4	90	10	0		
164	Montgomery County Secondary Road Department	County	11771	12	Semi-Tractor	1		1										1	80	20	0		
164	Montgomery County Secondary Road Department	County	11771	17	Hydraulic crawler, 1-2 cy	2	2											2	80	20	0		
164	Montgomery County Secondary Road Department	County	11771	33	Wheel Loader 2 cy +	2	1	1										2	80	20	0		
164	Montgomery County Secondary Road Department	County	11771	36	Mowing Tractor 65+ HP	3	2		1									3	98	2	0		
164	Montgomery County Secondary Road Department	County	11771	47	Dragline, > 1/2 cy	2	1	1										2	70	30	0		
164	Montgomery County Secondary Road Department	County	11771	49	Motor grader, >135 HP	6	6											6	96	4	0		

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164	Montgomery County Secondary Road Department	County	11771	53	Skid Steer Loader, Wheel or Track	1			1		0						1	100	0	0	
164	Montgomery County Secondary Road Department	County	11771	104	Brush Chipper	1		1									1	100	0	0	
164	Montgomery County Secondary Road Department	County	11771	105	Compressor, Air 125-200	2	2										2	80	20	0	
164	Montgomery County Secondary Road Department	County	11771	111	Driver, Pile or Pipe	3		3									3	70	30	0	
164	Montgomery County Secondary Road Department	County	11771	130	Saw, Concrete	1	1										1	100	0	0	
164	Montgomery County Secondary Road Department	County	11771	131	Seeder	3		3									3	80	20	0	
164	Montgomery County Secondary Road Department	County	11771	134	Shouldering Machine	2		2									2	100	0	0	
164	Montgomery County Secondary Road Department	County	11771	144	Trailer, Low Bed Semi	1		1									1	80	20	0	
214	Hancock County	County	12100	1	Single Axle, Dump Body	7			7								7	100	0	0	
214	Hancock County	County	12100	4	Tandem axle, dump body	15			15								15	100	0	0	
214	Hancock County	County	12100	9	Platform Boom (High-Reach)	1	1										1	100	0	0	
214	Hancock County	County	12100	12	Semi-Tractor	2				2							2	100	0	0	
214	Hancock County	County	12100	13	Hydraulic wheeled, < 1 cy	1				1							1	100	0	0	
214	Hancock County	County	12100	16	Hydraulic crawler, <1 cy	2		2									2	100	0	0	
214	Hancock County	County	12100	33	Wheel Loader 2 cy +	6	4	2									6	100	0	0	
214	Hancock County	County	12100	36	Mowing Tractor 65+ HP	3	3										3	100	0	0	
214	Hancock County	County	12100	37	Tractor Loader-Backhoe	3	3										3	100	0	0	
214	Hancock County	County	12100	43	Dozer, 150 HP or less	4	3			1							4	100	0	0	
214	Hancock County	County	12100	44	Dozer, 150-300 HP	1	1										1	100	0	0	
214	Hancock County	County	12100	46	Dragline, 1/2 cy or less	1		1									1	100	0	0	
214	Hancock County	County	12100	47	Dragline, > 1/2 cy	1				1							1	100	0	0	
214	Hancock County	County	12100	49	Motor grader, >135 HP	17	17										17	100	0	0	
214	Hancock County	County	12100	51	Scraper, Rubber Tire Elevating <15 cy	1		1									1	100	0	0	
214	Hancock County	County	12100	103	Broom, Attachment	1		1									1	100	0	0	
214	Hancock County	County	12100	136	Snow Blower, Attachment	3	3										3	100	0	0	
214	Hancock County	County	12100	143	Trailer, Low Bed 15 Ton	3	3										3	100	0	0	
214	Hancock County	County	12100	144	Trailer, Low Bed Semi	2		2									2	100	0	0	
8	Union County Secondary Roads	County	12309	1	Single Axle, Dump Body	3	3										3	100	100	0	0
8	Union County Secondary Roads	County	12309	2	Single axle, flatbed	2				1							2	87.5	93	7	0
8	Union County Secondary Roads	County	12309	4	Tandem axle, dump body	5	5										5	100	100	0	0
8	Union County Secondary Roads	County	12309	13	Hydraulic wheeled, < 1 cy	1	1										1	75	100	0	0
8	Union County Secondary Roads	County	12309	17	Hydraulic crawler, 1-2 cy	1	1										1	75	83	17	0
8	Union County Secondary Roads	County	12309	42	Cranes	1		1									1	15	17	83	0
8	Union County Secondary Roads	County	12309	43	Dozer, 150 HP or less	3				3							3	66.7	94	6	0
8	Union County Secondary Roads	County	12309	49	Motor grader, >135 HP	8	8										8	90.6	97	3	0
8	Union County Secondary Roads	County	12309	141	Trailer, Belly Dump	2		2									2	75	100	0	0
8	Union County Secondary Roads	County	12309	144	Trailer, Low Bed Semi	1		1									1	75	92	8	0
62	Grundy County	County	12369	1	Single Axle, Dump Body	6	6										6	95	5	0	0
62	Grundy County	County	12369	4	Tandem axle, dump body	3	3										3	97	3	0	0
62	Grundy County	County	12369	15	Hydraulic wheeled, 2+ cy	2		2									2	95	5	0	0
62	Grundy County	County	12369	33	Wheel Loader 2 cy +	3				3							3	99	1	0	0
62	Grundy County	County	12369	35	Mowing Tractor 45-65 HP	1	1										1	99	1	0	0
62	Grundy County	County	12369	43	Dozer, 150 HP or less	1		1									1	94	6	0	0
62	Grundy County	County	12369	49	Motor grader, >135 HP	12	12										12	95	5	0	0
62	Grundy County	County	12369	61	Sign Truck	1	1										1	90	10	0	0
62	Grundy County	County	12369	102	Breaker Pavement, Attachment	1		1									1	90	10	0	0
62	Grundy County	County	12369	104	Brush Chipper	1	1										1	100	0	0	0
62	Grundy County	County	12369	105	Compressor, Air 125-200	1		1									1	90	10	0	0
62	Grundy County	County	12369	115	Hydro-Seeder	1	1										1	80	20	0	0
62	Grundy County	County	12369	134	Shouldering Machine	1				1							1	95	5	0	0
62	Grundy County	County	12369	138	Sprayer, Weed	1				1							1	100	0	0	0
62	Grundy County	County	12369	157	Trailer, End Dump	3	3										3	97	3	0	0
70	Cherokee County	County	13035	1	Single Axle, Dump Body	5	2	3									5	90	10	0	0
70	Cherokee County	County	13035	2	Single axle, flatbed	2		2									2	80	20	0	0
70	Cherokee County	County	13035	4	Tandem axle, dump body	5		5									5	90	10	0	0
70	Cherokee County	County	13035	12	Semi-Tractor	2		2									2	90	10	0	0
70	Cherokee County	County	13035	17	Hydraulic crawler, 1-2 cy	2		2									2	80	20	0	0
70	Cherokee County	County	13035	27	Sheep's Foot Roller 40-67"	1		1									1	80	20	0	0
70	Cherokee County	County	13035	33	Wheel Loader 2 cy +	4	3	1									4	85	15	0	0
70	Cherokee County	County	13035	36	Mowing Tractor 65+ HP	1		1									1	100	0	0	0
70	Cherokee County	County	13035	37	Tractor Loader-Backhoe	1	1										1	90	10	0	0
70	Cherokee County	County	13035	44	Dozer, 150-300 HP	1				1							1	90	10	0	0
70	Cherokee County	County	13035	47	Dragline, > 1/2 cy	1				1							1	50	50	0	0
70	Cherokee County	County	13035	49	Motor grader, >135 HP	9	4	5									9	80	20	0	0
70	Cherokee County	County	13035	51	Scraper, Rubber Tire Elevating <15 cy	1				1							1	50	50	0	0
70	Cherokee County	County	13035	102	Breaker Pavement, Attachment	1	1										1	90	10	0	0
70	Cherokee County	County	13035	103	Broom, Attachment	1				1							1	100	0	0	0
70	Cherokee County	County	13035	104	Brush Chipper	1				1							1	100	0	0	0
70	Cherokee County	County	13035	105	Compressor, Air 125-200	2		2									2	90	10	0	0
70	Cherokee County	County	13035	111	Driver, Pile or Pipe	1		1									1	50	50	0	0
70	Cherokee County	County	13035	112	Filler, Crack	1		1									1	90	10	0	0



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70	Cherokee County	County	13035	115	Hydro-Seeder	1				1	0						1	50	50	0	
70	Cherokee County	County	13035	128	Rock Crusher	1				1	0						1	95	5	0	
70	Cherokee County	County	13035	130	Saw, Concrete	1				1	0						1	90	10	0	
70	Cherokee County	County	13035	141	Trailer, Belly Dump	1	1				0						1	90	10	0	
70	Cherokee County	County	13035	144	Trailer, Low Bed Semi	1	1				0						1	90	10	0	
70	Cherokee County	County	13035	146	Washer, Hi-Power Water	4		4			0						4	90	10	0	
89	Chickasaw County	County	13095	1	Single Axle, Dump Body	3	2			1	0						3	90	10	0	
89	Chickasaw County	County	13095	3	Single axle, van body	1				1	0						1	50	50	0	
89	Chickasaw County	County	13095	4	Tandem axle, dump body	9	9				0						9	80	20	0	
89	Chickasaw County	County	13095	5	Tandem axle, flatbed	1	1				0						1	25	75	0	
89	Chickasaw County	County	13095	12	Semi-Tractor	1	1				0						1	50	50	0	
89	Chickasaw County	County	13095	14	Hydraulic wheeled, 1-2 cy	1	1				0						1	100	0	0	
89	Chickasaw County	County	13095	17	Hydraulic crawler, 1-2 cy	1	1				0						1	50	50	0	
89	Chickasaw County	County	13095	28	Sheep's Foot Roller 67"+	1	1				0						1	0	0	0	
89	Chickasaw County	County	13095	33	Wheel Loader 2 cy +	2	2				0						2	95	5	0	
89	Chickasaw County	County	13095	36	Mowing Tractor 65+ HP	3	3				0						3	100	0	0	
89	Chickasaw County	County	13095	42	Cranes	1				1	0						1	50	50	0	
89	Chickasaw County	County	13095	43	Dozer, 150 HP or less	2				2	0						2	75	25	0	
89	Chickasaw County	County	13095	44	Dozer, 150-300 HP	1				1	0						1	50	50	0	
89	Chickasaw County	County	13095	49	Motor grader, >135 HP	11	11				0						11	95	5	0	
89	Chickasaw County	County	13095	67	Bucket Truck	1	1				0						1	50	50	0	
89	Chickasaw County	County	13095	74	Flatbed Sign Truck w/ Crane	1	1				0						1	100	0	0	
89	Chickasaw County	County	13095	76	Shop Service Truck w/ Crane	1	1				0						1	95	5	0	
89	Chickasaw County	County	13095	104	Brush Chipper	1	1				0						1	100	0	0	
89	Chickasaw County	County	13095	105	Compressor, Air 125-200	1		1			0						1	100	0	0	
89	Chickasaw County	County	13095	110	Drill, Vertical	1					0						1	95	5	0	
89	Chickasaw County	County	13095	112	Filler, Crack	1	1				0						1	100	0	0	
89	Chickasaw County	County	13095	114	Heater, Pre-Mix	1	1				0						1	100	0	0	
89	Chickasaw County	County	13095	136	Snow Blower, Attachment	1	1				0						1	100	0	0	
89	Chickasaw County	County	13095	144	Trailer, Low Bed Semi	1	1				0						1	50	50	0	
89	Chickasaw County	County	13095	146	Washer, Hi-Power Water	1	1				0						1	100	0	0	
60	Shelby County Road	County	13173	1	Single Axle, Dump Body	10	9	1			0						10	100	0	0	
60	Shelby County Road	County	13173	2	Single axle, flatbed	1	1				0						1	100	0	0	
60	Shelby County Road	County	13173	4	Tandem axle, dump body	2		2			0						2	100	0	0	
60	Shelby County Road	County	13173	5	Tandem axle, flatbed	1				1	0						1	90	10	0	
60	Shelby County Road	County	13173	12	Semi-Tractor	3		3			0						3	95	5	0	
60	Shelby County Road	County	13173	13	Hydraulic wheeled, < 1 cy	2		1			1	0					2	100	0	0	
60	Shelby County Road	County	13173	17	Hydraulic crawler, 1-2 cy	1					1	0					1	65	35	0	
60	Shelby County Road	County	13173	29	Integrated Tool Carrier	1					1	0					1	100	0	0	
60	Shelby County Road	County	13173	31	Loader Crawler 80+ HP	1					1	0					1	100	0	0	
60	Shelby County Road	County	13173	33	Wheel Loader 2 cy +	3					3	0					3	100	0	0	
60	Shelby County Road	County	13173	34	Mowing Tractor <45 HP	1		1			0						1	100	0	0	
60	Shelby County Road	County	13173	43	Dozer, 150 HP or less	2					2	0					2	100	0	0	
60	Shelby County Road	County	13173	47	Dragline, > 1/2 cy	1		1			0						1	80	20	0	
60	Shelby County Road	County	13173	49	Motor grader, >135 HP	12		9			3	0					12	100	0	0	
60	Shelby County Road	County	13173	51	Scraper, Rubber Tire Elevating <15 cy	1					1	0					1	100	0	0	
60	Shelby County Road	County	13173	61	Sign Truck	1		1			0						1	80	20	0	
60	Shelby County Road	County	13173	104	Brush Chipper	2		2			0						2	100	0	0	
60	Shelby County Road	County	13173	105	Compressor, Air 125-200	1		1			0						1	100	0	0	
60	Shelby County Road	County	13173	117	Machine, Asphalt Patcher	1		1			0						1	100	0	0	
60	Shelby County Road	County	13173	141	Trailer, Belly Dump	2		2			0						2	100	0	0	
60	Shelby County Road	County	13173	144	Trailer, Low Bed Semi	1		1			0						1	80	20	0	
88	Madison County Secondary Road Dept.	County	14019	1	Single Axle, Dump Body	8	8				0						8	100	50	50	0
88	Madison County Secondary Road Dept.	County	14019	2	Single axle, flatbed	2	2				0						2	75	50	50	0
88	Madison County Secondary Road Dept.	County	14019	4	Tandem axle, dump body	1				1	0						1	81.25	54	46	0
88	Madison County Secondary Road Dept.	County	14019	12	Semi-Tractor	3	3				0						3	75	10	90	0
88	Madison County Secondary Road Dept.	County	14019	13	Hydraulic wheeled, < 1 cy	1	1				0						1	75	63	37	0
88	Madison County Secondary Road Dept.	County	14019	17	Hydraulic crawler, 1-2 cy	2	2				0						2	87.5	43	57	0
88	Madison County Secondary Road Dept.	County	14019	33	Wheel Loader 2 cy +	1				1	0						1	100	50	50	0
88	Madison County Secondary Road Dept.	County	14019	36	Mowing Tractor 65+ HP	5	5				0						5	64	100	0	0
88	Madison County Secondary Road Dept.	County	14019	37	Tractor Loader-Backhoe	1	1				0						1	77.5	84	16	0
88	Madison County Secondary Road Dept.	County	14019	38	Tractor Loader-Box Blade	0					1			1			1	100	100	0	0
88	Madison County Secondary Road Dept.	County	14019	42	Cranes	2					1	0					2	75	33	67	0
88	Madison County Secondary Road Dept.	County	14019	43	Dozer, 150 HP or less	3	2			1	0						3	83.3	10	90	0
88	Madison County Secondary Road Dept.	County	14019	49	Motor grader, >135 HP	12	4		8		0						12	81.25	79	21	0
88	Madison County Secondary Road Dept.	County	14019	69	Single Axle Truck w/ Hiab Crane	1	1				0						1	100	75	25	0
88	Madison County Secondary Road Dept.	County	14019	70	Single Axle - Water/Sprayer	1		1			0						1	75	100	0	0
88	Madison County Secondary Road Dept.	County	14019	71	Single Axle - Bridge Crew	1	1				0						1	100	45	55	0
88	Madison County Secondary Road Dept.	County	14019	72	Single Axle - Welder	1	1				0						1	100	50	50	0
88	Madison County Secondary Road Dept.	County	14019	73	Fuel Truck	1	1				0						1	100	35	65	0
88	Madison County Secondary Road Dept.	County	14019	103	Broom, Attachment	1				1	0						1	25	100	0	0

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88	Madison County Secondary Road Dept.	County	14019	105	Compressor, Air 125-200	2	2												2	75	67	33	0
88	Madison County Secondary Road Dept.	County	14019	109	Distributor Bitumen, Slip-in or Trailer	1	1												1	25	100	0	0
88	Madison County Secondary Road Dept.	County	14019	111	Driver, Pile or Pipe	2	1			1									2	25	50	50	0
88	Madison County Secondary Road Dept.	County	14019	129	Roller, Attachment	1				1									1	75	0	100	0
88	Madison County Secondary Road Dept.	County	14019	130	Saw, Concrete	1	1												1	75	100	0	0
88	Madison County Secondary Road Dept.	County	14019	145	Trailer, Van	1				1									1	100	50	50	0
88	Madison County Secondary Road Dept.	County	14019	146	Washer, Hi-Power Water	1	1												1	100	100	0	0
88	Madison County Secondary Road Dept.	County	14019	162	JD Tractor Model 300	1	1												1	100	100	0	0
88	Madison County Secondary Road Dept.	County	14019	163	Shoulder Maintainer/Miller	1			1										1	75	100	0	0
88	Madison County Secondary Road Dept.	County	14019	164	Brush Cutter	1	1												1	100	100	0	0
88	Madison County Secondary Road Dept.	County	14019	165	Boom Mower	1	1												1	100	100	0	0
88	Madison County Secondary Road Dept.	County	14019	166	Flex Wing Mower	3	3												3	75	100	0	0
88	Madison County Secondary Road Dept.	County	14019	167	Batwing Mower	2	2												2	75	100	0	0
88	Madison County Secondary Road Dept.	County	14019	168	Rotary Mower	1	1												1	75	100	0	0
43	Alamakee County Engineer	County	14675	1	Single Axle, Dump Body	12	12												12	90	10	0	0
43	Alamakee County Engineer	County	14675	2	Single axle, flatbed	1	1												1	100	0	0	0
43	Alamakee County Engineer	County	14675	4	Tandem axle, dump body	2	2												2	95	5	0	0
43	Alamakee County Engineer	County	14675	12	Semi-Tractor	2				2									2	95	5	0	0
43	Alamakee County Engineer	County	14675	14	Hydraulic wheeled, 1-2 cy	1				1									1	95	5	0	0
43	Alamakee County Engineer	County	14675	30	Loader Crawler 80 HP or less	1				1									1	95	5	0	0
43	Alamakee County Engineer	County	14675	33	Wheel Loader 2 cy +	3	1			2									3	95	5	0	0
43	Alamakee County Engineer	County	14675	35	Mowing Tractor 45-65 HP	3	3												3	100	0	0	0
43	Alamakee County Engineer	County	14675	37	Tractor Loader-Backhoe	1	1												1	95	5	0	0
43	Alamakee County Engineer	County	14675	43	Dozer, 150 HP or less	1				1									1	95	5	0	0
43	Alamakee County Engineer	County	14675	49	Motor grader, >135 HP	10	8	2											10	95	5	0	0
43	Alamakee County Engineer	County	14675	104	Brush Chipper	1				1									1	100	0	0	0
43	Alamakee County Engineer	County	14675	105	Compressor, Air 125-200	1				1									1	95	5	0	0
43	Alamakee County Engineer	County	14675	115	Hydro-Seeder	1			1										1	95	5	0	0
43	Alamakee County Engineer	County	14675	130	Saw, Concrete	1				1									1	90	10	0	0
43	Alamakee County Engineer	County	14675	136	Snow Blower, Attachment	1				1									1	100	0	0	0
43	Alamakee County Engineer	County	14675	138	Sprayer, Weed	1			1										1	100	0	0	0
43	Alamakee County Engineer	County	14675	139	Sweeper Attachment	1				1									1	100	0	0	0
43	Alamakee County Engineer	County	14675	144	Trailer, Low Bed Semi	2				2									2	90	10	0	0
43	Alamakee County Engineer	County	14675	146	Washer, Hi-Power Water	1			1										1	100	0	0	0
135	Cass County	County	14684		Damaged Disk																		
52	Butler County	County	15305	1	Single Axle, Dump Body	16	16												16	100	0	0	0
52	Butler County	County	15305	2	Single axle, flatbed	1	1												1	100	0	0	0
52	Butler County	County	15305	12	Semi-Tractor	2	2												2	100	0	0	0
52	Butler County	County	15305	15	Hydraulic wheeled, 2+ cy	1	1												1	100	0	0	0
52	Butler County	County	15305	18	Hydraulic crawler, 2+ cy	1	1												1	100	0	0	0
52	Butler County	County	15305	23	Drum Roller 40-67"	0.5	0.5												0.5				
52	Butler County	County	15305	27	Sheep's Foot Roller 40-67"	1	1												1				
52	Butler County	County	15305	31	Loader Crawler 80+ HP	1	1												1	100	0	0	0
52	Butler County	County	15305	33	Wheel Loader 2 cy +	2	2												2	100	0	0	0
52	Butler County	County	15305	35	Mowing Tractor 45-65 HP	2	2												2	100	0	0	0
52	Butler County	County	15305	37	Tractor Loader-Backhoe	1	1												1	100	0	0	0
52	Butler County	County	15305	42	Cranes	1	1												1	50	50	0	0
52	Butler County	County	15305	44	Dozer, 150-300 HP	2	2												2	100	0	0	0
52	Butler County	County	15305	49	Motor grader, >135 HP	14	14												14	100	0	0	0
52	Butler County	County	15305	53	Skid Steer Loader, Wheel or Track	1	1												1	100	0	0	0
52	Butler County	County	15305	103	Broom, Attachment	1	1												1	100	0	0	0
52	Butler County	County	15305	104	Brush Chipper	1	1												1	100	0	0	0
52	Butler County	County	15305	105	Compressor, Air 125-200	1	1												1	100	0	0	0
52	Butler County	County	15305	107	Conveyor, Salt	1	1												1	100	0	0	0
52	Butler County	County	15305	111	Driver, Pile or Pipe	1	1												1	50	50	0	0
52	Butler County	County	15305	115	Hydro-Seeder	1	1												1	100	0	0	0
52	Butler County	County	15305	127	Pump, Mud Paddle/Colloidal	1	1												1	100	0	0	0
52	Butler County	County	15305	130	Saw, Concrete	1	1												1	100	0	0	0
52	Butler County	County	15305	138	Sprayer, Weed	1	1												1	100	0	0	0
52	Butler County	County	15305	141	Trailer, Belly Dump	1	1												1	100	0	0	0
52	Butler County	County	15305	144	Trailer, Low Bed Semi	2	2												2	100	0	0	0
52	Butler County	County	15305	146	Washer, Hi-Power Water	1	1												1	100	0	0	0
168	Harrison County	County	15666	1	Single Axle, Dump Body	4	4												4	95	5	0	0
168	Harrison County	County	15666	2	Single axle, flatbed	2	1			1									2	95	5	0	0
168	Harrison County	County	15666	4	Tandem axle, dump body	9	7	2											9	95	5	0	0
168	Harrison County	County	15666	9	Platform Boom (High-Reach)	2	1			1									2	99	1	0	0
168	Harrison County	County	15666	10	Truck-Mounted Bitumen Distributor	1	1												1	100	0	0	0
168	Harrison County	County	15666	12	Semi-Tractor	2	2												2	100	0	0	0
168	Harrison County	County	15666	14	Hydraulic wheeled, 1-2 cy	2	2												2	99	1	0	0
168	Harrison County	County	15666	17	Hydraulic crawler, 1-2 cy	2	2												2	99	1	0	0
168	Harrison County	County	15666	28	Sheep's Foot Roller 67"+	1				1									1	95	5	0	0

ID	Entity	Type	Pop.	Equip. Line	Type of Equipment	# Owned	# Formal Bld	# Direct Purchase	# Existing Contract	# Purchased Used	No Response Owned	# Leased	# Long Term with Maintenance	# Long Term No Maintenance	# Short Term Rental	No Response Leased	Total # Owned and Leased	% Usage	% Maintenance	% Construction	Other Usage
168	Harrison County	County	15666	33	Wheel Loader 2 cy +	5	5				0						5	99	1	0	
168	Harrison County	County	15666	35	Mowing Tractor 45-65 HP	2	2				0						2	100	0	0	
168	Harrison County	County	15666	36	Mowing Tractor 65+ HP	4	4				0						4	100	0	0	
168	Harrison County	County	15666	43	Dozer, 150 HP or less	1	1				0						1	95	5	0	
168	Harrison County	County	15666	49	Motor grader, >135 HP	13	13				0						13	100	0	0	
168	Harrison County	County	15666	52	Scraper, Rubber Tire Elevating >15 cy	1	1		1		0						1	90	10	0	
168	Harrison County	County	15666	53	Skid Steer Loader, Wheel or Track	1	1				0						1	100	0	0	
168	Harrison County	County	15666	54	Pulverizer/Grinder	1	1				0						1	90	10	0	
168	Harrison County	County	15666	103	Broom, Attachment	1	1				0						1	100	0	0	
168	Harrison County	County	15666	104	Brush Chipper	2	2				0						2	100	0	0	
168	Harrison County	County	15666	105	Compressor, Air 125-200	1	1		1		0						1	90	10	0	
168	Harrison County	County	15666	110	Drill, Vertical	1	1				0						1	100	0	0	
168	Harrison County	County	15666	113	Grapple Attachment, Loader	1	1				0						1	100	0	0	
168	Harrison County	County	15666	130	Saw, Concrete	1	1				0						1	90	10	0	
168	Harrison County	County	15666	144	Trailer, Low Bed Semi	1	1				0						1	99	1	0	
168	Harrison County	County	15666	147	Trailer-pup	4	4				0						4	99	1	0	
168	Harrison County	County	15666	148	Trailer-tank	1	1				0						1	90	10	0	
77	Dickinson County	County	16424	1	Single Axle, Dump Body	6	3		3		0						6	100	100	0	
77	Dickinson County	County	16424	2	Single axle, flatbed	2	1		1		0						2	100	100	0	
77	Dickinson County	County	16424	3	Single axle, van body	1	1				0						1	100	0	100	
77	Dickinson County	County	16424	4	Tandem axle, dump body	8	7		1		0						8	100	97	3	
77	Dickinson County	County	16424	15	Hydraulic wheeled, 2+ cy	1	1				0						1				
77	Dickinson County	County	16424	23	Drum Roller 40-67"	1	1		1		0						1				
77	Dickinson County	County	16424	33	Wheel Loader 2 cy +	6	6				0						6				
77	Dickinson County	County	16424	36	Mowing Tractor 65+ HP	2	2				0						2				
77	Dickinson County	County	16424	49	Motor grader, >135 HP	11	3		8		0						11				
77	Dickinson County	County	16424	103	Broom, Attachment	1	1		1		0						1				
77	Dickinson County	County	16424	104	Brush Chipper	1	1				0						1				
77	Dickinson County	County	16424	105	Compressor, Air 125-200	4	4				0						4				
77	Dickinson County	County	16424	107	Conveyor, Salt	3	3				0						3				
77	Dickinson County	County	16424	110	Drill, Vertical	1	1				0						1				
77	Dickinson County	County	16424	115	Hydro-Seeder	1	1				0						1				
77	Dickinson County	County	16424	130	Saw, Concrete	1	1				0						1				
77	Dickinson County	County	16424	131	Seeder	1	1				0						1				
77	Dickinson County	County	16424	134	Shouldering Machine	1	1				0						1				
77	Dickinson County	County	16424	136	Snow Blower, Attachment	3	3				0						3				
77	Dickinson County	County	16424	138	Sprayer, Weed	2	2				0						2				
77	Dickinson County	County	16424	139	Sweeper Attachment	1	1				0						1				
77	Dickinson County	County	16424	143	Trailer, Low Bed 15 Ton	1	1				0						1				
77	Dickinson County	County	16424	146	Washer, Hi-Power Water	3	3				0						3				
57	Hamilton County Secondary Road Department	County	16438	1	Single Axle, Dump Body	8	8				0						8	92	8	0	
57	Hamilton County Secondary Road Department	County	16438	3	Single axle, van body	1	1				0						1	94	6	0	
57	Hamilton County Secondary Road Department	County	16438	4	Tandem axle, dump body	14	14				0						14	93	7	0	
57	Hamilton County Secondary Road Department	County	16438	11	Water Truck	1	1		1		0						1	100	0	0	
57	Hamilton County Secondary Road Department	County	16438	12	Semi-Tractor	2	2				0						2	83	17	0	
57	Hamilton County Secondary Road Department	County	16438	13	Hydraulic wheeled, < 1 cy	1	1				0						1	100	0	0	
57	Hamilton County Secondary Road Department	County	16438	17	Hydraulic crawler, 1-2 cy	1	1				0						1	50	50	0	
57	Hamilton County Secondary Road Department	County	16438	23	Drum Roller 40-67"	0	1				1			1			1	100	0	0	
57	Hamilton County Secondary Road Department	County	16438	29	Integrated Tool Carrier	1	1				0						1	100	0	0	
57	Hamilton County Secondary Road Department	County	16438	33	Wheel Loader 2 cy +	2	2				0						2	100	0	0	
57	Hamilton County Secondary Road Department	County	16438	34	Mowing Tractor <45 HP	1	1				0						1	100	0	0	
57	Hamilton County Secondary Road Department	County	16438	36	Mowing Tractor 65+ HP	1	1				0						1	100	0	0	
57	Hamilton County Secondary Road Department	County	16438	37	Tractor Loader-Backhoe	2	2				0						2	71	29	0	
57	Hamilton County Secondary Road Department	County	16438	43	Dozer, 150 HP or less	2	2				0						2	80	20	0	
57	Hamilton County Secondary Road Department	County	16438	49	Motor grader, >135 HP	12	12				0						12	98	2	0	
57	Hamilton County Secondary Road Department	County	16438	56	Drum Roller < 40"	1	1		1		0						1	83	17	0	
57	Hamilton County Secondary Road Department	County	16438	102	Breaker Pavement, Attachment	1	1				0						1	50	50	0	
57	Hamilton County Secondary Road Department	County	16438	103	Broom, Attachment	1	1				0						1	100	0	0	
57	Hamilton County Secondary Road Department	County	16438	104	Brush Chipper	2	2				0						2	100	0	0	
57	Hamilton County Secondary Road Department	County	16438	105	Compressor, Air 125-200	1	1				0						1	100	0	0	
57	Hamilton County Secondary Road Department	County	16438	107	Conveyor, Salt	2	2				0						2	100	0	0	
57	Hamilton County Secondary Road Department	County	16438	115	Hydro-Seeder	1	1				0						1	100	0	0	
57	Hamilton County Secondary Road Department	County	16438	131	Seeder	1	1				0						1	75	25	0	
57	Hamilton County Secondary Road Department	County	16438	134	Shouldering Machine	1	1				0						1	100	0	0	
57	Hamilton County Secondary Road Department	County	16438	136	Snow Blower, Attachment	1	1				0						1	100	0	0	
57	Hamilton County Secondary Road Department	County	16438	143	Trailer, Low Bed 15 Ton	2	2				0						2	83	17	0	
57	Hamilton County Secondary Road Department	County	16438	144	Trailer, Low Bed Semi	2	1		1		0						2	75	25	0	
57	Hamilton County Secondary Road Department	County	16438	151	Man Lift	1	1				0						1	100	0	0	
57	Hamilton County Secondary Road Department	County	16438	152	6" Pump	1	1				0						1	50	50	0	
57	Hamilton County Secondary Road Department	County	16438	153	Distributor Water	1	1				0						1	100	0	0	
57	Hamilton County Secondary Road Department	County	16438	154	Band Saw	1	1				0						1	100	0	0	



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144	Page County	County	16976	50	Self-Propelled Chip Spreader	1	1				0						1	25	100	0	0
144	Page County	County	16976	65	Pickups	13	13				0						13	100	100	0	0
144	Page County	County	16976	73	Fuel Truck	1	1				0						1	100	100	0	0
144	Page County	County	16976	86	SUV	1				1	0						1	100	100	0	0
144	Page County	County	16976	93	Car	1				1	0						1	100	100	0	0
144	Page County	County	16976	104	Brush Chipper	1	1				0						1	100	100	0	0
144	Page County	County	16976	105	Compressor, Air 125-200	2	2				0						2	100	100	0	0
144	Page County	County	16976	115	Hydro-Seeder	1		1			0						1	50	100	0	0
144	Page County	County	16976	139	Sweeper Attachment	1	1				0						1	100	100	0	0
144	Page County	County	16976	141	Trailer, Belly Dump	1	1				0						1	100	100	0	0
144	Page County	County	16976	144	Trailer, Low Bed Semi	1	1				0						1	100	100	0	0
144	Page County	County	16976	150	Welder Gas Driven	0					0						1	100	100	0	0
144	Page County	County	16976	178	Tractor	1	1				0						1	75	100	0	0
144	Page County	County	16976	179	Trailer	2	2				0						2	100	100	0	0
144	Page County	County	16976	180	Roller, Rubber Tired	1	1				0						1	25	100	0	0
144	Page County	County	16976	181	Water Pump	1	1				0						1	75	100	0	0
144	Page County	County	16976	182	Scraper	1	1				0						1	75	100	0	0
144	Page County	County	16976	183	Sheep's Foot Roller	3	3				0						3	75	100	0	0
144	Page County	County	16976	184	Homemade Trailer Pole	2	2				0						2	100	100	0	0
87	Kossuth County	County	17163	1	Single Axle, Dump Body	4	2	2			0						4	100	100	0	0
87	Kossuth County	County	17163	2	Single axle, flatbed	1				1	0						1	100	100	0	0
87	Kossuth County	County	17163	3	Single axle, van body	1	1				0						1	100	100	0	0
87	Kossuth County	County	17163	4	Tandem axle, dump body	23	23				0						23	100	100	0	0
87	Kossuth County	County	17163	13	Hydraulic wheeled, < 1 cy	1				1	0						1	100	100	0	0
87	Kossuth County	County	17163	16	Hydraulic crawler, <1 cy	2		2			0						2	75	100	0	0
87	Kossuth County	County	17163	27	Sheep's Foot Roller 40-67"	2				2	0						2	50	100	0	0
87	Kossuth County	County	17163	30	Loader Crawler 80 HP or less	2		1		1	0						2	75	100	0	0
87	Kossuth County	County	17163	32	Wheel Loader 2 cy or less	3				3	0						3	100	100	0	0
87	Kossuth County	County	17163	33	Wheel Loader 2 cy +	5	3			2	0						5	100	100	0	0
87	Kossuth County	County	17163	35	Mowing Tractor 45-65 HP	4	4				0						4	100	100	0	0
87	Kossuth County	County	17163	37	Tractor Loader-Backhoe	4	1	3			0						4	75	100	0	0
87	Kossuth County	County	17163	43	Dozer, 150 HP or less	2				2	0						2	62.5	100	0	0
87	Kossuth County	County	17163	49	Motor grader, >135 HP	24	4	20			0						24	90.63	100	0	0
87	Kossuth County	County	17163	105	Compressor, Air 125-200	1		1			0						1	75	100	0	0
87	Kossuth County	County	17163	115	Hydro-Seeder	1		1			0						1	50	100	0	0
87	Kossuth County	County	17163	134	Shouldering Machine	1				1	0						1	75	100	0	0
87	Kossuth County	County	17163	136	Snow Blower, Attachment	4		4			0						4	50	100	0	0
72	Clay County	County	17372	1	Single Axle, Dump Body	1	1				0						1	100	100	0	0
72	Clay County	County	17372	2	Single axle, flatbed	2		2			0						2	100	100	0	0
72	Clay County	County	17372	4	Tandem axle, dump body	9	9				0						9	100	100	0	0
72	Clay County	County	17372	9	Platform Boom (High-Reach)	1	1				0						1	100	100	0	0
72	Clay County	County	17372	12	Semi-Tractor	1				1	0						1	100	100	0	0
72	Clay County	County	17372	15	Hydraulic wheeled, 2+ cy	1	1				0						1	100	100	0	0
72	Clay County	County	17372	23	Drum Roller 40-67"	1		1			0						1	100	100	0	0
72	Clay County	County	17372	29	Integrated Tool Carrier	1		1			0						1	100	100	0	0
72	Clay County	County	17372	33	Wheel Loader 2 cy +	7		5		2	0						7	100	100	0	0
72	Clay County	County	17372	35	Mowing Tractor 45-65 HP	2		2			0						2	100	100	0	0
72	Clay County	County	17372	37	Tractor Loader-Backhoe	1		1			0						1	100	100	0	0
72	Clay County	County	17372	44	Dozer, 150-300 HP	1		1			0						1	100	100	0	0
72	Clay County	County	17372	49	Motor grader, >135 HP	13		13			0						13	100	100	0	0
72	Clay County	County	17372	51	Scraper, Rubber Tire Elevating <15 cy	1		1			0						1	100	100	0	0
72	Clay County	County	17372	53	Skid Steer Loader, Wheel or Track	1	1				0						1	100	100	0	0
72	Clay County	County	17372	66	Lift Tractor	1				1	0						1	100	100	0	0
72	Clay County	County	17372	67	Bucket Truck	1				1	0						1	100	100	0	0
72	Clay County	County	17372	104	Brush Chipper	1	1				0						1	100	100	0	0
72	Clay County	County	17372	105	Compressor, Air 125-200	1	1				0						1	100	100	0	0
72	Clay County	County	17372	122	Marker, Centerline Paint	1		1			0						1	100	100	0	0
72	Clay County	County	17372	130	Saw, Concrete	1	1				0						1	100	100	0	0
72	Clay County	County	17372	134	Shouldering Machine	1				1	0						1	100	100	0	0
72	Clay County	County	17372	144	Trailer, Low Bed Semi	1		1			0						1	100	100	0	0
241	Cedar County	County	18187	1	Single Axle, Dump Body	5	5				0						5	100	100	0	0
241	Cedar County	County	18187	2	Single axle, flatbed	5	5				0						5	100	100	0	0
241	Cedar County	County	18187	5	Tandem axle, flatbed	8	8				0						8	100	100	0	0
241	Cedar County	County	18187	12	Semi-Tractor	2				2	0						2	100	100	0	0
241	Cedar County	County	18187	13	Hydraulic wheeled, < 1 cy	2	1	1			0						2	100	100	0	0
241	Cedar County	County	18187	17	Hydraulic crawler, 1-2 cy	1	1				0						1	75	100	0	0
241	Cedar County	County	18187	30	Loader Crawler 80 HP or less	1				1	0						1	75	100	0	0
241	Cedar County	County	18187	33	Wheel Loader 2 cy +	2		2			0						2	100	100	0	0
241	Cedar County	County	18187	36	Mowing Tractor 65+ HP	2		2			0						2	75	100	0	0
241	Cedar County	County	18187	37	Tractor Loader-Backhoe	1	1				0						1	75	100	0	0
241	Cedar County	County	18187	43	Dozer, 150 HP or less	2	2				0						2	75	100	0	0

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241	Cedar County	County	18187	44	Dozer, 150-300 HP	1				1	0						1	75	100	0	0	
241	Cedar County	County	18187	46	Dragline, 1/2 cy or less	1	1				0						1	75	100	0	0	
241	Cedar County	County	18187	47	Dragline, > 1/2 cy	1				1	0						1	75	100	0	0	
241	Cedar County	County	18187	49	Motor grader, >135 HP	12	11	1			0						12	100	100	0	0	
241	Cedar County	County	18187	65	Pickups	16	16				0						16	100	100	0	0	
241	Cedar County	County	18187	103	Broom, Attachment	1	1				0						1	75	100	0	0	
241	Cedar County	County	18187	104	Brush Chipper	1	1				0						1	100	100	0	0	
241	Cedar County	County	18187	105	Compressor, Air 125-200	2		2			0						2	75	100	0	0	
241	Cedar County	County	18187	111	Driver, Pile or Pipe	1	1				0						1	75	100	0	0	
241	Cedar County	County	18187	115	Hydro-Seeder	1	1				0						1	75	100	0	0	
241	Cedar County	County	18187	131	Seeder	1	1				0						1	75	100	0	0	
241	Cedar County	County	18187	138	Sprayer, Weed	1	1				0						1	75	100	0	0	
241	Cedar County	County	18187	139	Sweeper Attachment	1	1				0						1	75	100	0	0	
241	Cedar County	County	18187	141	Trailer, Belly Dump	2	2				0						2	100	100	0	0	
241	Cedar County	County	18187	143	Trailer, Low Bed 15 Ton	5	3	1			1						5	100	100	0	0	
241	Cedar County	County	18187	144	Trailer, Low Bed Semi	1	1				0						1	100	100	0	0	
138	Delaware County	County	18404	1	Single Axle, Dump Body	9	9				0						9	95	5	0	0	
138	Delaware County	County	18404	4	Tandem axle, dump body	4	4				0						4	95	5	0	0	
138	Delaware County	County	18404	12	Semi-Tractor	1				1	0						1	80	20	0	0	
138	Delaware County	County	18404	14	Hydraulic wheeled, 1-2 cy	2	2				0						2	85	15	0	0	
138	Delaware County	County	18404	17	Hydraulic crawler, 1-2 cy	1	1				0						1	80	20	0	0	
138	Delaware County	County	18404	27	Sheep's Foot Roller 40-67"	1		1			0						1	50	50	0	0	
138	Delaware County	County	18404	33	Wheel Loader 2 cy +	3	2			1	0						3	100	0	0	0	
138	Delaware County	County	18404	35	Mowing Tractor 45-65 HP	3	3				0						3	100	0	0	0	
138	Delaware County	County	18404	36	Mowing Tractor 65+ HP	2	2				0						2	100	0	0	0	
138	Delaware County	County	18404	42	Cranes	1	1				0						1	100	0	0	0	
138	Delaware County	County	18404	43	Dozer, 150 HP or less	1	1				0						1	50	50	0	0	
138	Delaware County	County	18404	49	Motor grader, >135 HP	12		12			0						12	90	10	0	0	
138	Delaware County	County	18404	53	Skid Steer Loader, Wheel or Track	1	1				0						1	90	10	0	0	
138	Delaware County	County	18404	61	Sign Truck	1	1				0						1	100	0	0	0	
138	Delaware County	County	18404	65	Pickups	3	3				0						3	30	70	0	0	
138	Delaware County	County	18404	81	1-Ton Utility Truck	2	2				0						2	100	0	0	0	
138	Delaware County	County	18404	82	1-Ton Flatbed	3	3				0						3	100	0	0	0	
138	Delaware County	County	18404	93	Car	1	1				0						1	100	0	0	0	
138	Delaware County	County	18404	96	1/2 Ton Pickup	2	2				0						2	90	10	0	0	
138	Delaware County	County	18404	97	3/4 Ton Flatbed Truck	1	1				0						1	100	0	0	0	
138	Delaware County	County	18404	98	3/4 Ton Pickup	1	1				0						1	100	0	0	0	
138	Delaware County	County	18404	99	3/4 Ton Window Van	1	1				0						1	30	70	0	0	
138	Delaware County	County	18404	100	1/2 Ton Window Van	1	1				0						1	100	0	0	0	
138	Delaware County	County	18404	102	Breaker Pavement, Attachment	1	1				0						1	100	0	0	0	
138	Delaware County	County	18404	103	Broom, Attachment	1	1				0						1	100	0	0	0	
138	Delaware County	County	18404	104	Brush Chipper	2	2				0						2	100	0	0	0	
138	Delaware County	County	18404	105	Compressor, Air 125-200	1	1				0						1	100	0	0	0	
138	Delaware County	County	18404	113	Grapple Attachment, Loader	1		1			0						1	100	0	0	0	
138	Delaware County	County	18404	130	Saw, Concrete	1	1				0						1	100	0	0	0	
138	Delaware County	County	18404	138	Sprayer, Weed	1	1				0						1	100	0	0	0	
138	Delaware County	County	18404	139	Sweeper Attachment	1	1				0						1	100	0	0	0	
138	Delaware County	County	18404	144	Trailer, Low Bed Semi	1	1				0						1	100	0	0	0	
53	Hardin County	County	18812	1	Single Axle, Dump Body	9	9				0						9	100	0	0	0	
53	Hardin County	County	18812	2	Single axle, flatbed	1	1				0						1					
53	Hardin County	County	18812	4	Tandem axle, dump body	5	5				0						5	100	0	0	0	
53	Hardin County	County	18812	12	Semi-Tractor	2	2				0						2	100	0	0	0	
53	Hardin County	County	18812	15	Hydraulic wheeled, 2+ cy	1	1				0						1	100	0	0	0	
53	Hardin County	County	18812	18	Hydraulic crawler, 2+ cy	1	1				0						1	100	0	0	0	
53	Hardin County	County	18812	23	Drum Roller 40-67"	0.5	0.5				0						0.5	100	0	0	0	
53	Hardin County	County	18812	30	Loader Crawler 80 HP or less	1	1				0						1	100	0	0	0	
53	Hardin County	County	18812	31	Loader Crawler 80+ HP	1	1				0						1	100	0	0	0	
53	Hardin County	County	18812	33	Wheel Loader 2 cy +	3					3						3					
53	Hardin County	County	18812	35	Mowing Tractor 45-65 HP	2	2				0						2	100	0	0	0	
53	Hardin County	County	18812	37	Tractor Loader-Backhoe	1	1				0						1	100	0	0	0	
53	Hardin County	County	18812	44	Dozer, 150-300 HP	2	2				0						2	100	0	0	0	
53	Hardin County	County	18812	47	Dragline, > 1/2 cy	2	2				0						2	50	50	0	0	
53	Hardin County	County	18812	49	Motor grader, >135 HP	15	15				0						15	100	0	0	0	
53	Hardin County	County	18812	104	Brush Chipper	1	1				0						1	100	0	0	0	
53	Hardin County	County	18812	105	Compressor, Air 125-200	1	1				0						1	100	0	0	0	
53	Hardin County	County	18812	111	Driver, Pile or Pipe	1	1				0						1	50	50	0	0	
53	Hardin County	County	18812	115	Hydro-Seeder	1	1				0						1	100	0	0	0	
53	Hardin County	County	18812	130	Saw, Concrete	1	1				0						1	100	0	0	0	
53	Hardin County	County	18812	132	Sewer Jet	1					1						1					
53	Hardin County	County	18812	138	Sprayer, Weed	2	2				0						2	100	0	0	0	
53	Hardin County	County	18812	141	Trailer, Belly Dump	1	1				0						1	100	0	0	0	

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53	Hardin County	County	18812	144	Trailer, Low Bed Semi	2	2				0					2	100	0	0		
53	Hardin County	County	18812	146	Washer, Hi-Power Water	3	3				0					3	100	0	0		
194	Poweshiek County	County	18815	1	Single Axle, Dump Body	15	15				0					15	100	97	3	0	
194	Poweshiek County	County	18815	2	Single axle, flatbed	1	1				0					1	50	50	50	0	
194	Poweshiek County	County	18815	4	Tandem axle, dump body	4	4				0					4	100	100	0	0	
194	Poweshiek County	County	18815	12	Semi-Tractor	1	1				0					1	25	50	50	0	
194	Poweshiek County	County	18815	13	Hydraulic wheeled, < 1 cy	2	2				0					2	75	100	0	0	
194	Poweshiek County	County	18815	31	Loader Crawler 80+ HP	1	1				0					1	75	100	0	0	
194	Poweshiek County	County	18815	33	Wheel Loader 2 cy +	4	4				0					4	100	100	0	0	
194	Poweshiek County	County	18815	36	Mowing Tractor 65+ HP	3	3				0					3	75	100	0	0	
194	Poweshiek County	County	18815	37	Tractor Loader-Backhoe	1	1				0					1	75	100	0	0	
194	Poweshiek County	County	18815	43	Dozer, 150 HP or less	1	1				0					1	75	100	0	0	
194	Poweshiek County	County	18815	44	Dozer, 150-300 HP	1	1				0					1	75	100	0	0	
194	Poweshiek County	County	18815	47	Dragline, > 1/2 cy	2	2				0					2	100	75	25	0	
194	Poweshiek County	County	18815	49	Motor grader, >135 HP	13	13				0					13	100	100	0	0	
194	Poweshiek County	County	18815	51	Scraper, Rubber Tire Elevating <15 cy	1	1				0					1	75	100	0	0	
194	Poweshiek County	County	18815	103	Broom, Attachment	3	3				0					3	100	100	0	0	
194	Poweshiek County	County	18815	104	Brush Chipper	1	1				0					1	50	100	0	0	
194	Poweshiek County	County	18815	105	Compressor, Air 125-200	2	2				0					2	100	100	0	0	
194	Poweshiek County	County	18815	130	Saw, Concrete	1	1				0					1	75	100	0	0	
194	Poweshiek County	County	18815	131	Seeder	1	1				0					1	50	100	0	0	
194	Poweshiek County	County	18815	134	Shouldering Machine	1	1				0					1	75	100	0	0	
194	Poweshiek County	County	18815	139	Sweeper Attachment	3	3				0					3	100	100	0	0	
194	Poweshiek County	County	18815	143	Trailer, Low Bed 15 Ton	1	1				0					1	75	100	0	0	
194	Poweshiek County	County	18815	144	Trailer, Low Bed Semi	1	1				0					1	100	100	0	0	
238	Jones County Secondary Roads	County	20221	1	Single Axle, Dump Body	10	10				0					10	90	10	0	0	
238	Jones County Secondary Roads	County	20221	2	Single axle, flatbed	1	1				0					1	75	25	0	0	
238	Jones County Secondary Roads	County	20221	4	Tandem axle, dump body	6	6				0					6	90	10	0	0	
238	Jones County Secondary Roads	County	20221	12	Semi-Tractor	1	1				0					1	50	50	0	0	
238	Jones County Secondary Roads	County	20221	15	Hydraulic wheeled, 2+ cy	2	2				0					2	75	25	0	0	
238	Jones County Secondary Roads	County	20221	23	Drum Roller 40-67"	1	1				0					1	100	0	0	0	
238	Jones County Secondary Roads	County	20221	33	Wheel Loader 2 cy +	4	3			1	0					4	80	20	0	0	
238	Jones County Secondary Roads	County	20221	35	Mowing Tractor 45-65 HP	6	5			1	0					6	100	0	0	0	
238	Jones County Secondary Roads	County	20221	37	Tractor Loader-Backhoe	1	1				0					1	60	40	0	0	
238	Jones County Secondary Roads	County	20221	43	Dozer, 150 HP or less	1	1				0					1	50	50	0	0	
238	Jones County Secondary Roads	County	20221	44	Dozer, 150-300 HP	2	1			1	0					2	50	50	0	0	
238	Jones County Secondary Roads	County	20221	47	Dragline, > 1/2 cy	1	1				0					1	50	50	0	0	
238	Jones County Secondary Roads	County	20221	49	Motor grader, >135 HP	12	12				0					12	90	10	0	0	
238	Jones County Secondary Roads	County	20221	103	Broom, Attachment	1	1				0					1	100	0	0	0	
238	Jones County Secondary Roads	County	20221	105	Compressor, Air 125-200	1	1				0					1	50	50	0	0	
238	Jones County Secondary Roads	County	20221	130	Saw, Concrete	1	1				0					1	100	0	0	0	
238	Jones County Secondary Roads	County	20221	143	Trailer, Low Bed 15 Ton	1	1				0					1	50	50	0	0	
238	Jones County Secondary Roads	County	20221	144	Trailer, Low Bed Semi	1	1				0					1	50	50	0	0	
41	Buena Vista County	County	20411	1	Single Axle, Dump Body	5	5				0					5	100	0	0	0	
41	Buena Vista County	County	20411	2	Single axle, flatbed	1	1				0					1	100	0	0	0	
41	Buena Vista County	County	20411	4	Tandem axle, dump body	8	8				0					8	96	4	0	0	
41	Buena Vista County	County	20411	12	Semi-Tractor	1	1			1	0					1	100	0	0	0	
41	Buena Vista County	County	20411	14	Hydraulic wheeled, 1-2 cy	2	2				0					2	100	0	0	0	
41	Buena Vista County	County	20411	23	Drum Roller 40-67"	1	1			1	0					1	100	0	0	0	
41	Buena Vista County	County	20411	28	Sheep's Foot Roller 67"+	1	1			1	0					1	85	15	0	0	
41	Buena Vista County	County	20411	33	Wheel Loader 2 cy +	5	1	4			0					5	100	0	0	0	
41	Buena Vista County	County	20411	36	Mowing Tractor 65+ HP	1	1				0					1	100	0	0	0	
41	Buena Vista County	County	20411	37	Tractor Loader-Backhoe	2	2				0					2	100	0	0	0	
41	Buena Vista County	County	20411	43	Dozer, 150 HP or less	1	1				0					1	100	0	0	0	
41	Buena Vista County	County	20411	44	Dozer, 150-300 HP	1	1				0					1	100	0	0	0	
41	Buena Vista County	County	20411	49	Motor grader, >135 HP	16	8			8	0					16	100	0	0	0	
41	Buena Vista County	County	20411	51	Scraper, Rubber Tire Elevating <15 cy	1	1				1	1			1	2	85	15	0	0	
41	Buena Vista County	County	20411	59	Single Axle, Sign Truck	1	1				0					1	100	0	0	0	
41	Buena Vista County	County	20411	104	Brush Chipper	1	1				0					1	100	0	0	0	
41	Buena Vista County	County	20411	105	Compressor, Air 125-200	2	2				0					2	100	0	0	0	
41	Buena Vista County	County	20411	112	Filler, Crack	1	1				0					1	100	0	0	0	
41	Buena Vista County	County	20411	132	Sewer Jet	1	1				0					1	100	0	0	0	
41	Buena Vista County	County	20411	144	Trailer, Low Bed Semi	1	1				0					1	100	0	0	0	
41	Buena Vista County	County	20411	145	Trailer, Van	1	1			1	0					1	0	100	0	0	
41	Buena Vista County	County	20411	146	Washer, Hi-Power Water	1	1				0					1	100	0	0	0	
139	Buchanan County Secondary Road Department	County	21093	1	Single Axle, Dump Body	15	15				0					15	100	0	0	0	
139	Buchanan County Secondary Road Department	County	21093	2	Single axle, flatbed	2	2				0					2	100	0	0	0	
139	Buchanan County Secondary Road Department	County	21093	4	Tandem axle, dump body	5	5				0					5	100	0	0	0	
139	Buchanan County Secondary Road Department	County	21093	5	Tandem axle, flatbed	1	1				0					1	100	0	0	0	
139	Buchanan County Secondary Road Department	County	21093	12	Semi-Tractor	1	1				0					1	100	0	0	0	
139	Buchanan County Secondary Road Department	County	21093	13	Hydraulic wheeled, < 1 cy	1	1				0					1	100	0	0	0	

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139	Buchanan County Secondary Road Department	County	21093	16	Hydraulic crawler, <1 cy	1	1				0						1	100	0	0	
139	Buchanan County Secondary Road Department	County	21093	26	Rubber Tire Roller 9 wheel	1	1				0						1	100	0	0	
139	Buchanan County Secondary Road Department	County	21093	28	Sheep's Foot Roller 67"+	1	1				0						1	100	0	0	
139	Buchanan County Secondary Road Department	County	21093	33	Wheel Loader 2 cy +	4	4				0						4	100	0	0	
139	Buchanan County Secondary Road Department	County	21093	35	Mowing Tractor 45-65 HP	4	4				0						4	100	0	0	
139	Buchanan County Secondary Road Department	County	21093	37	Tractor Loader-Backhoe	1	1				0						1	100	0	0	
139	Buchanan County Secondary Road Department	County	21093	44	Dozer, 150-300 HP	2	2				0						2	100	0	0	
139	Buchanan County Secondary Road Department	County	21093	47	Dragline, > 1/2 cy	1	1				0						1	100	0	0	
139	Buchanan County Secondary Road Department	County	21093	49	Motor grader, >135 HP	13	13				0						13	100	0	0	
139	Buchanan County Secondary Road Department	County	21093	51	Scraper, Rubber Tire Elevating <15 cy	2	2				0						2	100	0	0	
139	Buchanan County Secondary Road Department	County	21093	103	Broom, Attachment	1	1				0						1	100	0	0	
139	Buchanan County Secondary Road Department	County	21093	104	Brush Chipper	2	2				0						2	100	0	0	
139	Buchanan County Secondary Road Department	County	21093	105	Compressor, Air 125-200	1	1				0						1	100	0	0	
139	Buchanan County Secondary Road Department	County	21093	111	Driver, Pole or Pipe	1	1				0						1	100	0	0	
139	Buchanan County Secondary Road Department	County	21093	115	Hydro-Seeder	1	1				0						1	100	0	0	
139	Buchanan County Secondary Road Department	County	21093	130	Saw, Concrete	1	1				0						1	100	0	0	
139	Buchanan County Secondary Road Department	County	21093	131	Seeder	1	1				0						1	100	0	0	
139	Buchanan County Secondary Road Department	County	21093	146	Washer, Hi-Power Water	1	1				0						1	100	0	0	
197	Winneshiek County	County	21310	1	Single Axle, Dump Body	5	5				0						5	100	0	0	
197	Winneshiek County	County	21310	2	Single axle, flatbed	2	2				0						2	100	0	0	
197	Winneshiek County	County	21310	4	Tandem axle, dump body	12	12				0						12	100	0	0	
197	Winneshiek County	County	21310	12	Semi-Tractor	1	1		1		0						1	100	0	0	
197	Winneshiek County	County	21310	14	Hydraulic wheeled, 1-2 cy	1	1				0						1	100	0	0	
197	Winneshiek County	County	21310	26	Rubber Tire Roller 9 wheel	1	1				0						1	100	0	0	
197	Winneshiek County	County	21310	27	Sheep's Foot Roller 40-67"	1	1				0						1	100	0	0	
197	Winneshiek County	County	21310	30	Loader Crawler 80 HP or less	1	1				0						1	100	0	0	
197	Winneshiek County	County	21310	32	Wheel Loader 2 cy or less	2	2				0						2	100	0	0	
197	Winneshiek County	County	21310	33	Wheel Loader 2 cy +	4	4				0						4	100	0	0	
197	Winneshiek County	County	21310	35	Mowing Tractor 45-65 HP	5	5				0						5	100	0	0	
197	Winneshiek County	County	21310	36	Mowing Tractor 65+ HP	1	1				0						1	100	0	0	
197	Winneshiek County	County	21310	37	Tractor Loader-Backhoe	1	1				0						1	100	0	0	
197	Winneshiek County	County	21310	40	Sweeper, 4 Wheel Mechanical	1	1				0						1	100	0	0	
197	Winneshiek County	County	21310	42	Cranes	1	1				0						1	100	0	0	
197	Winneshiek County	County	21310	43	Dozer, 150 HP or less	1	1				0						1	100	0	0	
197	Winneshiek County	County	21310	46	Dragline, 1/2 cy or less	1	1				0						1	100	0	0	
197	Winneshiek County	County	21310	49	Motor grader, >135 HP	12	12				0						12	100	0	0	
197	Winneshiek County	County	21310	53	Skid Steer Loader, Wheel or Track	1	1				0						1	100	0	0	
68	Carroll County Secondary Road Department	County	21421	1	Single Axle, Dump Body	4	4				0						4	53.1	100	0	0
68	Carroll County Secondary Road Department	County	21421	2	Single axle, flatbed	1	1				0						1	52.5	71	29	0
68	Carroll County Secondary Road Department	County	21421	4	Tandem axle, dump body	7	7				0						7	87.1	98	2	0
68	Carroll County Secondary Road Department	County	21421	12	Semi-Tractor	1	1				0						1	80	97	3	0
68	Carroll County Secondary Road Department	County	21421	13	Hydraulic wheeled, < 1 cy	1	1				0						1	65	92	8	0
68	Carroll County Secondary Road Department	County	21421	16	Hydraulic crawler, <1 cy	1	1				0						1	65	92	8	0
68	Carroll County Secondary Road Department	County	21421	30	Loader Crawler 80 HP or less	2	2				0						2	14.4	96	4	0
68	Carroll County Secondary Road Department	County	21421	33	Wheel Loader 2 cy +	3	3				0						3	66.7	100	0	0
68	Carroll County Secondary Road Department	County	21421	46	Dragline, 1/2 cy or less	1	1				0						1	17.5	86	14	0
68	Carroll County Secondary Road Department	County	21421	47	Dragline, > 1/2 cy	1	1			1	0						1	22.5	67	33	0
68	Carroll County Secondary Road Department	County	21421	49	Motor grader, >135 HP	15	15				0						15	65.5	99	1	0
68	Carroll County Secondary Road Department	County	21421	53	Skid Steer Loader, Wheel or Track	1	1				0						1	100	100	0	0
68	Carroll County Secondary Road Department	County	21421	102	Breaker Pavement, Attachment	1	1				0						1	2.5	100	0	0
68	Carroll County Secondary Road Department	County	21421	103	Broom, Attachment	1	1				0						1	3.75	100	0	0
68	Carroll County Secondary Road Department	County	21421	105	Compressor, Air 125-200	1	1				0						1	1	100	0	0
68	Carroll County Secondary Road Department	County	21421	116	Kettle, Bitumen Heater	1	1				0						1	5	100	0	0
68	Carroll County Secondary Road Department	County	21421	138	Sprayer, Weed	1	1				0						1	37.5	100	0	0
68	Carroll County Secondary Road Department	County	21421	141	Trailer, Belly Dump	1	1				0						1	42.5	100	0	0
68	Carroll County Secondary Road Department	County	21421	144	Trailer, Low Bed Semi	1	1				0						1	31.25	92	8	0
68	Carroll County Secondary Road Department	County	21421	145	Trailer, Van	1	1			1	0						1	25	40	60	0
16	Mahaska County Highway Dept.	County	22335	1	Single Axle, Dump Body	16	16				0						16	50	50	50	0
16	Mahaska County Highway Dept.	County	22335	2	Single axle, flatbed	2	2				0						2	50	50	0	0
16	Mahaska County Highway Dept.	County	22335	12	Semi-Tractor	4	4				0						4	100	0	0	0
16	Mahaska County Highway Dept.	County	22335	14	Hydraulic wheeled, 1-2 cy	2	2				0						2	0	100	0	0
16	Mahaska County Highway Dept.	County	22335	18	Hydraulic crawler, 2+ cy	2	2				0						2	0	100	0	0
16	Mahaska County Highway Dept.	County	22335	28	Sheep's Foot Roller 67"+	1	1				0						1	0	100	0	0
16	Mahaska County Highway Dept.	County	22335	33	Wheel Loader 2 cy +	2	2				0						2	50	50	0	0
16	Mahaska County Highway Dept.	County	22335	34	Mowing Tractor <45 HP	1	1				0						1	100	0	0	0
16	Mahaska County Highway Dept.	County	22335	36	Mowing Tractor 65+ HP	3	3				0						3	100	0	0	0
16	Mahaska County Highway Dept.	County	22335	43	Dozer, 150 HP or less	1	1				0						1	0	100	0	0
16	Mahaska County Highway Dept.	County	22335	44	Dozer, 150-300 HP	1	1				0						1	0	100	0	0
16	Mahaska County Highway Dept.	County	22335	49	Motor grader, >135 HP	13	13				0						13	67	33	0	0
16	Mahaska County Highway Dept.	County	22335	141	Trailer, Belly Dump	4	4				0						4	100	0	0	0
16	Mahaska County Highway Dept.	County	22335	144	Trailer, Low Bed Semi	1	1				0						1	0	100	0	0



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111	Bremer County	County	23325	1	Single Axle, Dump Body	15	15				0						15	93.3	95	5	0
111	Bremer County	County	23325	2	Single axle, flatbed	1	1				0						1	100	100	0	0
111	Bremer County	County	23325	4	Tandem axle, dump body	1	1				0						1	100	50	50	0
111	Bremer County	County	23325	5	Tandem axle, flatbed	1	1				0						1	75	100	0	0
111	Bremer County	County	23325	11	Water Truck	2	2				0						2	100	100	0	0
111	Bremer County	County	23325	12	Semi-Tractor	1			1		0						1	75	0	100	0
111	Bremer County	County	23325	13	Hydraulic wheeled, < 1 cy	1	1				0						1	75	100	0	0
111	Bremer County	County	23325	14	Hydraulic wheeled, 1-2 cy	1	1				0						1	75	90	10	0
111	Bremer County	County	23325	28	Sheep's Foot Roller 67"+	1		1			0						1	75	0	100	0
111	Bremer County	County	23325	29	Integrated Tool Carrier	1	1				0						1	75	100	0	0
111	Bremer County	County	23325	30	Loader Crawler 80 HP or less	1	1				0						1	75	0	100	0
111	Bremer County	County	23325	32	Wheel Loader 2 cy or less	1	1				0						1	100	100	0	0
111	Bremer County	County	23325	35	Mowing Tractor 45-65 HP	2	2				0						2	75	100	0	0
111	Bremer County	County	23325	36	Mowing Tractor 65+ HP	3	3				0						3	75	100	0	0
111	Bremer County	County	23325	42	Cranes	1			1		0						1	100	0	100	0
111	Bremer County	County	23325	43	Dozer, 150 HP or less	3	3				0						3	75	0	100	0
111	Bremer County	County	23325	49	Motor grader, >135 HP	12	12				0						12	87.5	95	5	0
111	Bremer County	County	23325	103	Broom, Attachment	1	1				0						1	75	100	0	0
111	Bremer County	County	23325	104	Brush Chipper	1	1				0						1	100	100	0	0
111	Bremer County	County	23325	105	Compressor, Air 125-200	2	2				0						2	75	50	50	0
111	Bremer County	County	23325	111	Driver, Pile or Pipe	1			1		0						1	75	0	100	0
111	Bremer County	County	23325	143	Trailer, Low Bed 15 Ton	1	1				0						1	75	100	0	0
111	Bremer County	County	23325	144	Trailer, Low Bed Semi	1			1		0						1	75	0	100	0
111	Bremer County	County	23325	145	Trailer, Van	1			1		0						1	75	0	100	0
111	Bremer County	County	23325	146	Washer, Hi-Power Water	1	1				0						1	100	85	15	0
167	Boone County Secondary Roads	County	26224	4	Tandem axle, dump body	1			1		0						1	100	0	0	0
167	Boone County Secondary Roads	County	26224	12	Semi-Tractor	1			1		0						1	0	100	0	0
167	Boone County Secondary Roads	County	26224	14	Hydraulic wheeled, 1-2 cy	1	1				0						1	0	100	0	0
167	Boone County Secondary Roads	County	26224	17	Hydraulic crawler, 1-2 cy	2	2				0						2	100	0	0	0
167	Boone County Secondary Roads	County	26224	33	Wheel Loader 2 cy +	3	3				0						3	100	0	0	0
167	Boone County Secondary Roads	County	26224	36	Mowing Tractor 65+ HP	3	3				0						3	100	0	0	0
167	Boone County Secondary Roads	County	26224	37	Tractor Loader-Backhoe	3	3				0						3	100	0	0	0
167	Boone County Secondary Roads	County	26224	44	Dozer, 150-300 HP	1	1				0						1	5	95	0	0
167	Boone County Secondary Roads	County	26224	47	Dragline, > 1/2 cy	1			1		0						1	100	0	0	0
167	Boone County Secondary Roads	County	26224	104	Brush Chipper	1	1				0						1	100	0	0	0
167	Boone County Secondary Roads	County	26224	115	Hydro-Seeder	1			1		0						1	100	0	0	0
167	Boone County Secondary Roads	County	26224	130	Saw, Concrete	1	1				0						1	50	50	0	0
167	Boone County Secondary Roads	County	26224	144	Trailer, Low Bed Semi	1	1				0						1	5	95	0	0
167	Boone County Secondary Roads	County	26224	146	Washer, Hi-Power Water	3	3				0						3	100	0	0	0
146	Marion County	County	32052	1	Single Axle, Dump Body	13	13				0						13	100	100	0	0
146	Marion County	County	32052	2	Single axle, flatbed	1	1				0						1	100	100	0	0
146	Marion County	County	32052	4	Tandem axle, dump body	5	5				0						5	100	100	0	0
146	Marion County	County	32052	12	Semi-Tractor	1			1		0						1	100	100	0	0
146	Marion County	County	32052	15	Hydraulic wheeled, 2+ cy	3	3				0						3	100	100	0	0
146	Marion County	County	32052	23	Drum Roller 40-67"	0					1			1			1	75	100	0	0
146	Marion County	County	32052	27	Sheep's Foot Roller 40-67"	2	2		2		0						2	37.5	100	0	0
146	Marion County	County	32052	33	Wheel Loader 2 cy +	4	2		2		0						4	100	100	0	0
146	Marion County	County	32052	34	Mowing Tractor <45 HP	3	3				0						3	33	100	0	0
146	Marion County	County	32052	35	Mowing Tractor 45-65 HP	3	3				0						3	75	100	0	0
146	Marion County	County	32052	36	Mowing Tractor 65+ HP	1	1				0						1	100	100	0	0
146	Marion County	County	32052	43	Dozer, 150 HP or less	4	1		3		0						4	81.25	100	0	0
146	Marion County	County	32052	46	Dragline, 1/2 cy or less	2	2				0						2	87.5	100	0	0
146	Marion County	County	32052	49	Motor grader, >135 HP	14	14				0						14	100	100	0	0
146	Marion County	County	32052	51	Scraper, Rubber Tire Elevating <15 cy	2	2				0						2	62.5	100	0	0
146	Marion County	County	32052	53	Skid Steer Loader, Wheel or Track	0					1			1			1	25	100	0	0
146	Marion County	County	32052	73	Fuel Truck	1			1		0						1	75	100	0	0
146	Marion County	County	32052	103	Broom, Attachment	1			1		0						1	75	100	0	0
146	Marion County	County	32052	105	Compressor, Air 125-200	3	3				0						3	67	100	0	0
146	Marion County	County	32052	111	Driver, Pile or Pipe	1			1		0						1	75	100	0	0
146	Marion County	County	32052	115	Hydro-Seeder	1	1				0						1	25	100	0	0
146	Marion County	County	32052	116	Kettle, Bitumen Heater	1	1				0						1	50	100	0	0
146	Marion County	County	32052	130	Saw, Concrete	1	1				0						1	75	100	0	0
146	Marion County	County	32052	134	Shouldering Machine	1	1				0						1	75	100	0	0
146	Marion County	County	32052	138	Sprayer, Weed	1	1				0						1	75	100	0	0
146	Marion County	County	32052	144	Trailer, Low Bed Semi	1	1				0						1	100	100	0	0
146	Marion County	County	32052	146	Washer, Hi-Power Water	4	4				0						4	100	100	0	0
218	Wapello County	County	36051	1	Single Axle, Dump Body	9	9				0						9	100	94	6	0
218	Wapello County	County	36051	4	Tandem axle, dump body	1	1				0						1	100	100	0	0
218	Wapello County	County	36051	12	Semi-Tractor	2	2				0						2	100	94	6	0
218	Wapello County	County	36051	14	Hydraulic wheeled, 1-2 cy	1	1				0						1	100	75	25	0
218	Wapello County	County	36051	18	Hydraulic crawler, 2+ cy	1	1				0						1	100	50	50	0

ID	Entity	Type	Pop.	Equip. Line	Type of Equipment	# Owned	# Formal Bld	# Direct Purchase	# Existing Contract	# Purchased Used	No Response Owned	# Leased	# Long Term with Maintenance	# Long Term No Maintenance	# Short Term Rental	No Response Leased	Total # Owned and Leased	% Usage	% Maintenance	% Construction	Other Usage
218	Wapello County	County	36051	31	Loader Crawler 80+ HP	1	1				0					1	100	94	6	0	
218	Wapello County	County	36051	33	Wheel Loader 2 cy +	1	1				1				1	2	62.5	100	0	0	
218	Wapello County	County	36051	35	Mowing Tractor 45-65 HP	13	13				0					13	100	100	0	0	
218	Wapello County	County	36051	42	Cranes	1			1		0					1	100	88	12	0	
218	Wapello County	County	36051	44	Dozer, 150-300 HP	1			1		0					1	100	88	12	0	
218	Wapello County	County	36051	49	Motor grader, >135 HP	10	2	8			0					10	100	98	2	0	
218	Wapello County	County	36051	51	Scraper, Rubber Tire Elevating <15 cy	1			1		0					1	100	75	25	0	
218	Wapello County	County	36051	53	Skid Steer Loader, Wheel or Track	1			1		0					1	100	100	0	0	
218	Wapello County	County	36051	105	Compressor, Air 125-200	1			1		0					1	100	100	0	0	
218	Wapello County	County	36051	111	Driver, Pile or Pipe	1			1		0					1	100	75	25	0	
218	Wapello County	County	36051	141	Trailer, Belly Dump	1			1		0					1	100	100	0	0	
218	Wapello County	County	36051	144	Trailer, Low Bed Semi	1			1		0					1	100	50	50	0	
218	Wapello County	County	36051	201	Forklift	1			1		0					1	100	100	0	0	
218	Wapello County	County	36051	202	Road Scarifier/mixer	1			1		0					1	100	75	25	0	
133	Jasper County	County	37213		Damaged Disk																
147	Lee County	County	38052	1	Single Axle, Dump Body	12	12				0					12		88	12	0	
147	Lee County	County	38052	2	Single axle, flatbed	2	1		1		0					2		100	0	0	
147	Lee County	County	38052	4	Tandem axle, dump body	4	4				0					4		71	29	0	
147	Lee County	County	38052	10	Truck-Mounted Bitumen Distributor	1		1			0					1		28	72	0	
147	Lee County	County	38052	12	Semi-Tractor	2			2		0					2		100	0	0	
147	Lee County	County	38052	16	Hydraulic crawler, <1 cy	3	2	1			0					3		100	0	0	
147	Lee County	County	38052	23	Drum Roller 40-67"	1	1				0					1		28	72	0	
147	Lee County	County	38052	25	Rubber Tire Roller 7 wheel	1		1			0					1		32	68	0	
147	Lee County	County	38052	31	Loader Crawler 80+ HP	1	1				0					1		100	0	0	
147	Lee County	County	38052	32	Wheel Loader 2 cy or less	1	1				0					1		100	0	0	
147	Lee County	County	38052	35	Mowing Tractor 45-65 HP	2	2				0					2		100	0	0	
147	Lee County	County	38052	36	Mowing Tractor 65+ HP	6	4	2			0					6		100	0	0	
147	Lee County	County	38052	37	Tractor Loader-Backhoe	2	2				0					2		100	0	0	
147	Lee County	County	38052	43	Dozer, 150 HP or less	1	1				0					1		89	11	0	
147	Lee County	County	38052	49	Motor grader, >135 HP	8	8				0					8		100	0	0	
147	Lee County	County	38052	103	Broom, Attachment	1		1			0					1		80	20	0	
147	Lee County	County	38052	104	Brush Chipper	1		1			0					1		100	0	0	
147	Lee County	County	38052	105	Compressor, Air 125-200	1		1			0					1		100	0	0	
147	Lee County	County	38052	116	Kettle, Bitumen Heater	1			1		0					1		100	0	0	
147	Lee County	County	38052	126	Pump, Asphalt	1		1			0					1		100	0	0	
147	Lee County	County	38052	134	Shouldering Machine	1			1		0					1		100	0	0	
147	Lee County	County	38052	143	Trailer, Low Bed 15 Ton	2	2				0					2		100	0	0	
147	Lee County	County	38052	144	Trailer, Low Bed Semi	1	1				0					1		100	0	0	
147	Lee County	County	38052	146	Washer, Hi-Power Water	2		2			0					2		100	0	0	
147	Lee County	County	38052	185	Steel Tankers	2			2		0					2		100	0	0	
120	Marshall County Secondary Road Dept.	County	39311	1	Single Axle, Dump Body	9	9				0					9		98	2	0	
120	Marshall County Secondary Road Dept.	County	39311	3	Single axle, van body	1	1				0					1		100	0	0	
120	Marshall County Secondary Road Dept.	County	39311	4	Tandem axle, dump body	7	7				0					7		98	2	0	
120	Marshall County Secondary Road Dept.	County	39311	14	Hydraulic wheeled, 1-2 cy	1	1				0					1		99	1	0	
120	Marshall County Secondary Road Dept.	County	39311	30	Loader Crawler 80 HP or less	1	1				0					1		100	0	0	
120	Marshall County Secondary Road Dept.	County	39311	33	Wheel Loader 2 cy +	2	2				0					2		100	0	0	
120	Marshall County Secondary Road Dept.	County	39311	34	Mowing Tractor <45 HP	1	1				0					1		100	0	0	
120	Marshall County Secondary Road Dept.	County	39311	35	Mowing Tractor 45-65 HP	1	1				0					1		100	0	0	
120	Marshall County Secondary Road Dept.	County	39311	36	Mowing Tractor 65+ HP	1	1				0					1		100	0	0	
120	Marshall County Secondary Road Dept.	County	39311	37	Tractor Loader-Backhoe	1	1				0					1		98	2	0	
120	Marshall County Secondary Road Dept.	County	39311	38	Tractor Loader-Box Blade	1	1				0					1		100	0	0	
120	Marshall County Secondary Road Dept.	County	39311	49	Motor grader, >135 HP	16	16				0					16		99	1	0	
120	Marshall County Secondary Road Dept.	County	39311	53	Skid Steer Loader, Wheel or Track	1	1				0					1		100	0	0	
120	Marshall County Secondary Road Dept.	County	39311	94	S/A Sign Truck with Digger Derrick	1	1				0					1		90	10	0	
120	Marshall County Secondary Road Dept.	County	39311	95	Trencher/Loader	1	1				0					1		100	0	0	
120	Marshall County Secondary Road Dept.	County	39311	103	Broom, Attachment	1	1				0					1		100	0	0	
120	Marshall County Secondary Road Dept.	County	39311	104	Brush Chipper	1	1				0					1		100	0	0	
120	Marshall County Secondary Road Dept.	County	39311	105	Compressor, Air 125-200	2	2				0					2		100	0	0	
120	Marshall County Secondary Road Dept.	County	39311	114	Heater, Pre-Mix	1	1				0					1		100	0	0	
120	Marshall County Secondary Road Dept.	County	39311	115	Hydro-Seeder	1	1				0					1		100	0	0	
120	Marshall County Secondary Road Dept.	County	39311	134	Shouldering Machine	1	1				0					1		100	0	0	
120	Marshall County Secondary Road Dept.	County	39311	136	Snow Blower, Attachment	1	1				0					1		100	0	0	
120	Marshall County Secondary Road Dept.	County	39311	143	Trailer, Low Bed 15 Ton	1	1				0					1		100	0	0	
206	Webster County Engineer	County	40235	1	Single Axle, Dump Body	18	18				0					18		80	20	0	
206	Webster County Engineer	County	40235	4	Tandem axle, dump body	15	15				0					15		80	20	0	
206	Webster County Engineer	County	40235	12	Semi-Tractor	1			1		0					1		10	90	0	
206	Webster County Engineer	County	40235	14	Hydraulic wheeled, 1-2 cy	1	1				0					1		80	20	0	
206	Webster County Engineer	County	40235	23	Drum Roller 40-67"	1	1				0					1		90	10	0	
206	Webster County Engineer	County	40235	27	Sheep's Foot Roller 40-67"	1				1	0					1		0	100	0	
206	Webster County Engineer	County	40235	30	Loader Crawler 80 HP or less	1			1		0					1		20	80	0	
206	Webster County Engineer	County	40235	32	Wheel Loader 2 cy or less	3	3				0					3		80	20	0	

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206	Webster County Engineer	County	40235	34	Mowing Tractor <45 HP	3	3				0						3	100	0	0	
206	Webster County Engineer	County	40235	37	Tractor Loader-Backhoe	4	4				0						4	90	10	0	
206	Webster County Engineer	County	40235	49	Motor grader, >135 HP	16	16				0						16	90	10	0	
206	Webster County Engineer	County	40235	53	Skid Steer Loader, Wheel or Track	1	1				0						1	80	20	0	
206	Webster County Engineer	County	40235	103	Broom, Attachment	1		1			0						1	100	0	0	
206	Webster County Engineer	County	40235	104	Brush Chipper	1		1			0						1	100	0	0	
206	Webster County Engineer	County	40235	105	Compressor, Air 125-200	1		1			0						1	90	10	0	
206	Webster County Engineer	County	40235	124	Milling Head	1		1			0						1	100	0	0	
206	Webster County Engineer	County	40235	130	Saw, Concrete	1			1		0						1	100	0	0	
206	Webster County Engineer	County	40235	136	Snow Blower, Attachment	1		1			0						1	100	0	0	
206	Webster County Engineer	County	40235	139	Sweeper Attachment	1		1			0						1	100	0	0	
206	Webster County Engineer	County	40235	143	Trailer, Low Bed 15 Ton	1	1				0						1	80	20	0	
206	Webster County Engineer	County	40235	144	Trailer, Low Bed Semi	1		1			0						1	10	90	0	
206	Webster County Engineer	County	40235	146	Washer, Hi-Power Water	4	4				0						4	100	0	0	
143	Warren County Engineer's Office	County	40671	1	Single Axle, Dump Body	15	9			6	0						15	95	5	0	
143	Warren County Engineer's Office	County	40671	4	Tandem axle, dump body	10				10	0						10	95	5	0	
143	Warren County Engineer's Office	County	40671	11	Water Truck	1				1	0						1	100	0	0	
143	Warren County Engineer's Office	County	40671	12	Semi-Tractor	1				1	0						1	100	0	0	
143	Warren County Engineer's Office	County	40671	14	Hydraulic wheeled, 1-2 cy	2	2				0						2	100	0	0	
143	Warren County Engineer's Office	County	40671	23	Drum Roller 40-67"	1				1	0						1	100	0	0	
143	Warren County Engineer's Office	County	40671	29	Integrated Tool Carrier	1				1	0						1	100	0	0	
143	Warren County Engineer's Office	County	40671	35	Mowing Tractor 45-65 HP	2	2				0						2	100	0	0	
143	Warren County Engineer's Office	County	40671	36	Mowing Tractor 65+ HP	3	2			1	0						3	100	0	0	
143	Warren County Engineer's Office	County	40671	43	Dozer, 150 HP or less	1	1				0						1	100	0	0	
143	Warren County Engineer's Office	County	40671	44	Dozer, 150-300 HP	2	2				0						2	100	0	0	
143	Warren County Engineer's Office	County	40671	49	Motor grader, >135 HP	13	13				0						13	95	5	0	
143	Warren County Engineer's Office	County	40671	103	Broom, Attachment	1	1				0						1	100	0	0	
143	Warren County Engineer's Office	County	40671	104	Brush Chipper	1	1				0						1	100	0	0	
143	Warren County Engineer's Office	County	40671	105	Compressor, Air 125-200	2	1			1	0						2	100	0	0	
143	Warren County Engineer's Office	County	40671	111	Driver, Pile or Pipe	1				1	0						1	100	0	0	
143	Warren County Engineer's Office	County	40671	112	Filler, Crack	1	1				0						1	100	0	0	
143	Warren County Engineer's Office	County	40671	115	Hydro-Seeder	1	1				0						1	90	10	0	
143	Warren County Engineer's Office	County	40671	116	Kettle, Bitumen Heater	1	1				0						1	100	0	0	
143	Warren County Engineer's Office	County	40671	129	Roller, Attachment	2				2	0						2	100	0	0	
143	Warren County Engineer's Office	County	40671	130	Saw, Concrete	1	1				0						1	100	0	0	
143	Warren County Engineer's Office	County	40671	139	Sweeper Attachment	1	1				0						1	100	0	0	
143	Warren County Engineer's Office	County	40671	143	Trailer, Low Bed 15 Ton	1				1	0						1	100	0	0	
143	Warren County Engineer's Office	County	40671	144	Trailer, Low Bed Semi	1	1				0						1	100	0	0	
245	Dallas County	County	40750	1	Single Axle, Dump Body	6	1	5			0						6	100	100	0	0
245	Dallas County	County	40750	2	Single axle, flatbed	2		1		1	0						2	100	100	0	0
245	Dallas County	County	40750	4	Tandem axle, dump body	7	3	4			0						7	100	100	0	0
245	Dallas County	County	40750	11	Water Truck	2		2			0						2	75	100	0	0
245	Dallas County	County	40750	13	Hydraulic wheeled, < 1 cy	2		2			0						2	75	100	0	0
245	Dallas County	County	40750	31	Loader Crawler 80+ HP	2		2			0						2	100	100	0	0
245	Dallas County	County	40750	32	Wheel Loader 2 cy or less	3		3			0						3	100	100	0	0
245	Dallas County	County	40750	35	Mowing Tractor 45-65 HP	3		3			0						3	83	100	0	0
245	Dallas County	County	40750	36	Mowing Tractor 65+ HP	1		1			0						1	75	100	0	0
245	Dallas County	County	40750	37	Tractor Loader-Backhoe	1		1			0						1	100	100	0	0
245	Dallas County	County	40750	49	Motor grader, >135 HP	12	10	2			0						12	100	100	0	0
245	Dallas County	County	40750	53	Skid Steer Loader, Wheel or Track	1	1				0						1	100	100	0	0
245	Dallas County	County	40750	102	Breaker Pavement, Attachment	1	1				0						1	75	100	0	0
245	Dallas County	County	40750	103	Broom, Attachment	1		1			0						1	75	100	0	0
245	Dallas County	County	40750	104	Brush Chipper	2		2			0						2	100	100	0	0
245	Dallas County	County	40750	105	Compressor, Air 125-200	2		2			0						2	100	100	0	0
245	Dallas County	County	40750	110	Drill, Vertical	2		2			0						2	100	100	0	0
245	Dallas County	County	40750	115	Hydro-Seeder	1		1			0						1	75	100	0	0
245	Dallas County	County	40750	130	Saw, Concrete	1		1			0						1	75	100	0	0
245	Dallas County	County	40750	131	Seeder	1		1			0						1	75	100	0	0
245	Dallas County	County	40750	132	Sewer Jet	1		1			0						1	75	100	0	0
245	Dallas County	County	40750	138	Sprayer, Weed	1		1			0						1	75	100	0	0
245	Dallas County	County	40750	143	Trailer, Low Bed 15 Ton	3		3			0						3	100	100	0	0
245	Dallas County	County	40750	145	Trailer, Van	1		1			0						1	0	0	0	0
245	Dallas County	County	40750	216	Single Axle, Sign Truck	2	1	1			0						2	100	100	0	0
245	Dallas County	County	40750	217	Single Axle, Spray Truck	1		1			0						1	75	100	0	0
245	Dallas County	County	40750	218	Trailer, 5 ton	1		1			0						1	100	100	0	0
245	Dallas County	County	40750	219	Trailer, end dump	4		4			0						4	75	100	0	0
245	Dallas County	County	40750	220	Batwing mower	2		2			0						2	75	100	0	0
245	Dallas County	County	40750	221	Retriever, rock	1		1			0						1	75	100	0	0
145	Muscatine County Highway Department	County	41722	1	Single Axle, Dump Body	2	2				0						2	100	0	0	
145	Muscatine County Highway Department	County	41722	2	Single axle, flatbed	1	1				0						1	100	0	0	
145	Muscatine County Highway Department	County	41722	4	Tandem axle, dump body	11	11				0						11	95	5	0	

ID	Entity	Type	Pop.	Equip. Line	Type of Equipment	# Owned	# Formal Bld	# Direct Purchase	# Existing Contract	# Purchased Used	No Response Owned	# Leased	# Long Term with Maintenance	# Long Term No Maintenance	# Short Term Rental	No Response Leased	Total # Owned and Leased	% Usage	% Maintenance	% Construction	Other Usage
145	Muscatine County Highway Department	County	41722	12	Semi-Tractor	1	1				0						1	95	5	0	
145	Muscatine County Highway Department	County	41722	14	Hydraulic wheeled, 1-2 cy	1		1			0						1	100	0	0	
145	Muscatine County Highway Department	County	41722	17	Hydraulic crawler, 1-2 cy	1		1			0						1	95	5	0	
145	Muscatine County Highway Department	County	41722	23	Drum Roller 40-67"	1		1			0						1	100	0	0	
145	Muscatine County Highway Department	County	41722	25	Rubber Tire Roller 7 wheel	1		1			0						1	100	0	0	
145	Muscatine County Highway Department	County	41722	28	Sheep's Foot Roller 67"+	1		1			0						1	95	5	0	
145	Muscatine County Highway Department	County	41722	33	Wheel Loader 2 cy +	2	2				0						2	100	0	0	
145	Muscatine County Highway Department	County	41722	35	Mowing Tractor 45-65 HP	2	2				0						2	100	0	0	
145	Muscatine County Highway Department	County	41722	36	Mowing Tractor 65+ HP	1	1				0						1	100	0	0	
145	Muscatine County Highway Department	County	41722	37	Tractor Loader-Backhoe	1		1			0						1	100	0	0	
145	Muscatine County Highway Department	County	41722	43	Dozer, 150 HP or less	1		1			0						1	100	0	0	
145	Muscatine County Highway Department	County	41722	49	Motor grader, >135 HP	8		8			0						8	99	1	0	
145	Muscatine County Highway Department	County	41722	104	Brush Chipper	1	1				0						1	100	0	0	
145	Muscatine County Highway Department	County	41722	138	Sprayer, Weed	1	1				0						1	100	0	0	
145	Muscatine County Highway Department	County	41722	143	Trailer, Low Bed 15 Ton	1		1			0						1	100	0	0	
145	Muscatine County Highway Department	County	41722	144	Trailer, Low Bed Semi	1		1			0						1	95	5	0	
145	Muscatine County Highway Department	County	41722	146	Washer, Hi-Power Water	1		1			0						1	100	0	0	
224	Cerro Gordo County	County	46447		Damaged Disk																
74	Clinton County Secondary Roads Dept.	County	50149	1	Single Axle, Dump Body	12	12				0						12	100	75	25	0
74	Clinton County Secondary Roads Dept.	County	50149	2	Single axle, flatbed	1	1				0						1	100	100	0	0
74	Clinton County Secondary Roads Dept.	County	50149	3	Single axle, van body	1	1				0						1	100	0	100	0
74	Clinton County Secondary Roads Dept.	County	50149	4	Tandem axle, dump body	6	6				0						6	100	75	25	0
74	Clinton County Secondary Roads Dept.	County	50149	7	Bridge Inspection Unit	1	1				0						1	100	50	50	0
74	Clinton County Secondary Roads Dept.	County	50149	11	Water Truck	1	1				0						1	25	100	0	0
74	Clinton County Secondary Roads Dept.	County	50149	12	Semi-Tractor	1	1				0						1	87.5	29	71	0
74	Clinton County Secondary Roads Dept.	County	50149	13	Hydraulic wheeled, < 1 cy	4	4				0						4	81.25	69	31	0
74	Clinton County Secondary Roads Dept.	County	50149	23	Drum Roller 40-67"	1		1			0						1	75	50	50	0
74	Clinton County Secondary Roads Dept.	County	50149	26	Rubber Tire Roller 9 wheel	1		1			0						1	75	50	50	0
74	Clinton County Secondary Roads Dept.	County	50149	28	Sheep's Foot Roller 67"+	1		1			0						1	75	0	100	0
74	Clinton County Secondary Roads Dept.	County	50149	32	Wheel Loader 2 cy or less	7	7				0						7	100	100	0	0
74	Clinton County Secondary Roads Dept.	County	50149	36	Mowing Tractor 65+ HP	3	3				0						3	75	100	0	0
74	Clinton County Secondary Roads Dept.	County	50149	39	Sweeper, 3 Wheel Mechanical	1	1				0						1	25	100	0	0
74	Clinton County Secondary Roads Dept.	County	50149	43	Dozer, 150 HP or less	1	1				0						1	62.5	20	80	0
74	Clinton County Secondary Roads Dept.	County	50149	44	Dozer, 150-300 HP	1	1				0						1	87.5	14	86	0
74	Clinton County Secondary Roads Dept.	County	50149	47	Dragline, > 1/2 cy	2	2				0						2	25	75	0	0
74	Clinton County Secondary Roads Dept.	County	50149	49	Motor grader, >135 HP	14	14				0						14	100	100	0	0
74	Clinton County Secondary Roads Dept.	County	50149	53	Skid Steer Loader, Wheel or Track	1		1			0						1	95	5	0	0
74	Clinton County Secondary Roads Dept.	County	50149	104	Brush Chipper	2	2				0						2	75	100	0	0
74	Clinton County Secondary Roads Dept.	County	50149	105	Compressor, Air 125-200	1		1			0						1	10	90	0	0
74	Clinton County Secondary Roads Dept.	County	50149	136	Snow Blower, Attachment	2	2				0						2	25	100	0	0
74	Clinton County Secondary Roads Dept.	County	50149	143	Trailer, Low Bed 15 Ton	2	2				0						2	75	50	50	0
74	Clinton County Secondary Roads Dept.	County	50149	144	Trailer, Low Bed Semi	1		1			0						1	75	33	67	0
74	Clinton County Secondary Roads Dept.	County	50149	146	Washer, Hi-Power Water	1		1			0						1	100	100	0	0
9	Story County	County	79981	1	Single Axle, Dump Body	12	12				0						12	90	10	0	0
9	Story County	County	79981	2	Single axle, flatbed	1	1				0						1	100	0	0	0
9	Story County	County	79981	4	Tandem axle, dump body	4	4				0						4	90	10	0	0
9	Story County	County	79981	12	Semi-Tractor	1	1				0						1	100	0	0	0
9	Story County	County	79981	14	Hydraulic wheeled, 1-2 cy	2	2				2	2					4	90	10	0	0
9	Story County	County	79981	26	Rubber Tire Roller 9 wheel	1			1		0						1	100	0	0	0
9	Story County	County	79981	28	Sheep's Foot Roller 67"+	2			2		0						2	90	10	0	0
9	Story County	County	79981	32	Wheel Loader 2 cy or less	1	1				0						1	100	0	0	0
9	Story County	County	79981	33	Wheel Loader 2 cy +	2	2				0						2	100	0	0	0
9	Story County	County	79981	36	Mowing Tractor 65+ HP	3	1	2			0						3	100	0	0	0
9	Story County	County	79981	37	Tractor Loader-Backhoe	1	1				0						1	100	0	0	0
9	Story County	County	79981	43	Dozer, 150 HP or less	1			1		0						1	90	10	0	0
9	Story County	County	79981	49	Motor grader, >135 HP	15	15				0						15	95	5	0	0
9	Story County	County	79981	51	Scraper, Rubber Tire Elevating <15 cy	1			1		0						1	95	5	0	0
9	Story County	County	79981	103	Broom, Attachment	1	1				0						1	100	0	0	0
9	Story County	County	79981	104	Brush Chipper	1	1				0						1	100	0	0	0
9	Story County	County	79981	105	Compressor, Air 125-200	1			1		0						1	100	0	0	0
9	Story County	County	79981	113	Grapple Attachment, Loader	1	1				0						1	100	0	0	0
9	Story County	County	79981	134	Shouldering Machine	1			1		0						1	100	0	0	0
9	Story County	County	79981	141	Trailer, Belly Dump	1	1				0						1	100	0	0	0
9	Story County	County	79981	143	Trailer, Low Bed 15 Ton	1	1				0						1	100	0	0	0
198	Pottawattamie County	County	87704	1	Single Axle, Dump Body	12	12				0						12	90	10	0	0
198	Pottawattamie County	County	87704	2	Single axle, flatbed	3	3				0						3	100	0	0	0
198	Pottawattamie County	County	87704	3	Single axle, van body	1	1				0						1	95	5	0	0
198	Pottawattamie County	County	87704	4	Tandem axle, dump body	7	7				0						7	95	5	0	0
198	Pottawattamie County	County	87704	11	Water Truck	1	1				0						1	95	5	0	0
198	Pottawattamie County	County	87704	12	Semi-Tractor	3	3				0						3	100	0	0	0
198	Pottawattamie County	County	87704	13	Hydraulic wheeled, < 1 cy	1	1				0						1	90	10	0	0

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198	Pottawattamie County	County	87704	17	Hydraulic crawler, 1-2 cy	2	2												2	90	10	0	
198	Pottawattamie County	County	87704	26	Rubber Tire Roller 9 wheel	2	2												2	90	10	0	
198	Pottawattamie County	County	87704	28	Sheep's Foot Roller 67"+	2	2												2	90	10	0	
198	Pottawattamie County	County	87704	30	Loader Crawler 80 HP or less	1	1												1	100	0	0	
198	Pottawattamie County	County	87704	33	Wheel Loader 2 cy +	5	5												5	100	0	0	
198	Pottawattamie County	County	87704	36	Mowing Tractor 65+ HP	8	8												8	100	0	0	
198	Pottawattamie County	County	87704	37	Tractor Loader-Backhoe	1	1												1	90	10	0	
198	Pottawattamie County	County	87704	43	Dozer, 150 HP or less	2	2												2	85	15	0	
198	Pottawattamie County	County	87704	46	Dragline, 1/2 cy or less	1	1												1	95	5	0	
198	Pottawattamie County	County	87704	49	Motor grader, >135 HP	20	20												20	100	0	0	
198	Pottawattamie County	County	87704	53	Skid Steer Loader, Wheel or Track	1	1												1	100	0	0	
198	Pottawattamie County	County	87704	104	Brush Chipper	2	2												2	100	0	0	
198	Pottawattamie County	County	87704	105	Compressor, Air 125-200	3	3												3	100	0	0	
198	Pottawattamie County	County	87704	107	Conveyor, Salt	1	1												1	100	0	0	
198	Pottawattamie County	County	87704	130	Saw, Concrete	1	1												1	100	0	0	
198	Pottawattamie County	County	87704	134	Shouldering Machine	4	4												4	100	0	0	
198	Pottawattamie County	County	87704	136	Snow Blower, Attachment	1	1												1	100	0	0	
198	Pottawattamie County	County	87704	138	Sprayer, Weed	2	2												2	100	0	0	
198	Pottawattamie County	County	87704	141	Trailer, Belly Dump	2	2												2	100	0	0	
198	Pottawattamie County	County	87704	144	Trailer, Low Bed Semi	1	1												1	100	0	0	
34	Dubuque County	County	89143	1	Single Axle, Dump Body	9	7	2											9	83	17	0	
34	Dubuque County	County	89143	2	Single axle, flatbed	10	8	1	1										10	93	7	0	
34	Dubuque County	County	89143	4	Tandem axle, dump body	12	11	1											12	78	22	0	
34	Dubuque County	County	89143	5	Tandem axle, flatbed	1			1										1	100	0	0	
34	Dubuque County	County	89143	9	Platform Boom (High-Reach)	1			1										1	100	0	0	
34	Dubuque County	County	89143	10	Truck-Mounted Bitumen Distributor	2		2											2	60	40	0	
34	Dubuque County	County	89143	11	Water Truck	2	1		1										2	100	0	0	
34	Dubuque County	County	89143	12	Semi-Tractor	2			2										2	90	10	0	
34	Dubuque County	County	89143	14	Hydraulic wheeled, 1-2 cy	2		2											2	100	0	0	
34	Dubuque County	County	89143	20	Asphalt, Main Screed > 10 ft.	1			1										1	60	40	0	
34	Dubuque County	County	89143	23	Drum Roller 40-67"	1	1												1	60	40	0	
34	Dubuque County	County	89143	24	Drum Roller 67"+	2		1	1										2	60	40	0	
34	Dubuque County	County	89143	26	Rubber Tire Roller 9 wheel	1	1												1	60	40	0	
34	Dubuque County	County	89143	30	Loader Crawler 80 HP or less	1	1												1	100	0	0	
34	Dubuque County	County	89143	33	Wheel Loader 2 cy +	2		2											2	100	0	0	
34	Dubuque County	County	89143	36	Mowing Tractor 65+ HP	5	4	1											5	100	0	0	
34	Dubuque County	County	89143	37	Tractor Loader-Backhoe	4		4											4	75	25	0	
34	Dubuque County	County	89143	38	Tractor Loader-Box Blade	1		1											1	100	0	0	
34	Dubuque County	County	89143	42	Cranes	1		1											1	60	40	0	
34	Dubuque County	County	89143	43	Dozer, 150 HP or less	2		2											2	75	25	0	
34	Dubuque County	County	89143	44	Dozer, 150-300 HP	2			2										2	75	25	0	
34	Dubuque County	County	89143	49	Motor grader, >135 HP	11	4	7											11	92	8	0	
34	Dubuque County	County	89143	50	Self-Propelled Chip Spreader	1			1										1	100	0	0	
34	Dubuque County	County	89143	104	Brush Chipper	1	1												1	100	0	0	
34	Dubuque County	County	89143	105	Compressor, Air 125-200	2		1	1										2	100	0	0	
34	Dubuque County	County	89143	109	Distributor Bitumen, Slip-in or Trailer	1		1											1	60	40	0	
34	Dubuque County	County	89143	110	Drill, Vertical	1			1										1	100	0	0	
34	Dubuque County	County	89143	111	Driver, Pile or Pipe	1		1											1	50	50	0	
34	Dubuque County	County	89143	114	Heater, Pre-Mix	1		1											1	100	0	0	
34	Dubuque County	County	89143	117	Machine, Asphalt Patcher	1		1											1	100	0	0	
34	Dubuque County	County	89143	125	Mixer, Bitumen Recycler	1		1											1	100	0	0	
34	Dubuque County	County	89143	130	Saw, Concrete	2		2											2	100	0	0	
34	Dubuque County	County	89143	134	Shouldering Machine	1	1												1	100	0	0	
34	Dubuque County	County	89143	136	Snow Blower, Attachment	2		2											2	100	0	0	
34	Dubuque County	County	89143	139	Sweeper Attachment	3		3											3	100	0	0	
34	Dubuque County	County	89143	143	Trailer, Low Bed 15 Ton	1	1												1	100	0	0	
34	Dubuque County	County	89143	144	Trailer, Low Bed Semi	2			2										2	100	0	0	
34	Dubuque County	County	89143	146	Washer, Hi-Power Water	2	2												2	100	0	0	
34	Dubuque County	County	89143	149	Scrapper < 15 cy	1		1											1	60	40	0	
34	Dubuque County	County	89143	150	Welder Gas Driven	5	2	3											5	90	10	0	
116	Henry County	County	103877	1	Single Axle, Dump Body	6	6												6	90	10	0	
116	Henry County	County	103877	2	Single axle, flatbed	2		2											2	80	20	0	
116	Henry County	County	103877	4	Tandem axle, dump body	2		2											2	90	10	0	
116	Henry County	County	103877	10	Truck-Mounted Bitumen Distributor	1			1										1	100	0	0	
116	Henry County	County	103877	12	Semi-Tractor	1	1												1	90	10	0	
116	Henry County	County	103877	14	Hydraulic wheeled, 1-2 cy	1			1										1	100	0	0	
116	Henry County	County	103877	18	Hydraulic crawler, 2+ cy	1	1												1	90	10	0	
116	Henry County	County	103877	23	Drum Roller 40-67"	1			1										1	10	90	0	
116	Henry County	County	103877	32	Wheel Loader 2 cy or less	1	1												1	100	0	0	
116	Henry County	County	103877	33	Wheel Loader 2 cy +	1	1												1	90	10	0	
116	Henry County	County	103877	36	Mowing Tractor 65+ HP	3	3												3	100	0	0	

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116	Henry County	County	103877	37	Tractor Loader-Backhoe	1	1													1	90	10	0
116	Henry County	County	103877	38	Tractor Loader-Box Blade	1	1													1	90	10	0
116	Henry County	County	103877	43	Dozer, 150 HP or less	3	3													3	70	30	0
116	Henry County	County	103877	46	Dragline, 1/2 cy or less	1				1										1	50	50	0
116	Henry County	County	103877	49	Motor grader, >135 HP	9	9													9	90	10	0
116	Henry County	County	103877	103	Broom, Attachment	1	1													1	100	0	0
116	Henry County	County	103877	104	Brush Chipper	1	1													1	100	0	0
116	Henry County	County	103877	105	Compressor, Air 125-200	2	2													2	90	10	0
116	Henry County	County	103877	106	Compressor, Air 200+	1	1													1	100	0	0
116	Henry County	County	103877	122	Marker, Centerline Paint	1	1													1	90	10	0
116	Henry County	County	103877	128	Rock Crusher	1				1										1	100	0	0
116	Henry County	County	103877	141	Trailer, Belly Dump	1	1													1	90	10	0
116	Henry County	County	103877	143	Trailer, Low Bed 15 Ton	1	1													1	90	10	0
116	Henry County	County	103877	146	Washer, Hi-Power Water	1	1													1	100	0	0
141	Woodbury County Highway Department	County	103877	1	Single Axle, Dump Body	9	9													9	100	100	0
141	Woodbury County Highway Department	County	103877	2	Single axle, flatbed	5	5													5	100	100	0
141	Woodbury County Highway Department	County	103877	4	Tandem axle, dump body	8	8													8	100	100	0
141	Woodbury County Highway Department	County	103877	9	Platform Boom (High-Reach)	1	1													1	100	100	0
141	Woodbury County Highway Department	County	103877	12	Semi-Tractor	1	1													1	100	75	25
141	Woodbury County Highway Department	County	103877	14	Hydraulic wheeled, 1-2 cy	1	1													1	100	75	25
141	Woodbury County Highway Department	County	103877	17	Hydraulic crawler, 1-2 cy	1	1													1	100	25	75
141	Woodbury County Highway Department	County	103877	33	Wheel Loader 2 cy +	8	8													8	100	100	0
141	Woodbury County Highway Department	County	103877	37	Tractor Loader-Backhoe	4	4													4	100	100	0
141	Woodbury County Highway Department	County	103877	38	Tractor Loader-Box Blade	1	1													1	100	100	0
141	Woodbury County Highway Department	County	103877	43	Dozer, 150 HP or less	2	2													2	100	75	25
141	Woodbury County Highway Department	County	103877	46	Dragline, 1/2 cy or less	1	1													1	100	100	0
141	Woodbury County Highway Department	County	103877	49	Motor grader, >135 HP	21	21													21	100	95	5
141	Woodbury County Highway Department	County	103877	51	Scrapper, Rubber Tire Elevating <15 cy	2	2													2	100	75	25
141	Woodbury County Highway Department	County	103877	104	Brush Chipper	1				1										1	100	100	0
141	Woodbury County Highway Department	County	103877	106	Compressor, Air 200+	8				8										8	100	100	0
141	Woodbury County Highway Department	County	103877	117	Machine, Asphalt Patcher	1	1													1	100	100	0
141	Woodbury County Highway Department	County	103877	131	Seeder	1				1										1	100	100	0
141	Woodbury County Highway Department	County	103877	134	Shouldering Machine	1				1										1	100	100	0
141	Woodbury County Highway Department	County	103877	144	Trailer, Low Bed Semi	1	1													1	100	75	25
141	Woodbury County Highway Department	County	103877	146	Washer, Hi-Power Water	6				6										6	100	100	0
141	Woodbury County Highway Department	County	103877	177	Lab Trailer (Inspection Lab)	1	1													1	50	100	0
6	Johnson County Secondary Roads	County	111006	1	Single Axle, Dump Body	14				14										14	100	100	0
6	Johnson County Secondary Roads	County	111006	4	Tandem axle, dump body	16				16										16	100	100	0
6	Johnson County Secondary Roads	County	111006	9	Platform Boom (High-Reach)	1				1										1	100	100	0
6	Johnson County Secondary Roads	County	111006	12	Semi-Tractor	1				1										1	100	100	0
6	Johnson County Secondary Roads	County	111006	14	Hydraulic wheeled, 1-2 cy	1				1										1	100	100	0
6	Johnson County Secondary Roads	County	111006	17	Hydraulic crawler, 1-2 cy	2				2										2	100	100	0
6	Johnson County Secondary Roads	County	111006	18	Hydraulic crawler, 2+ cy	1				1										1	100	100	0
6	Johnson County Secondary Roads	County	111006	23	Drum Roller 40-67"	2				1										2	100	100	0
6	Johnson County Secondary Roads	County	111006	33	Wheel Loader 2 cy +	3				2										3	100	100	0
6	Johnson County Secondary Roads	County	111006	36	Mowing Tractor 65+ HP	6				6										6	100	92	8
6	Johnson County Secondary Roads	County	111006	37	Tractor Loader-Backhoe	1				1										1	100	100	0
6	Johnson County Secondary Roads	County	111006	43	Dozer, 150 HP or less	2				2										2	100	100	0
6	Johnson County Secondary Roads	County	111006	49	Motor grader, >135 HP	8				8										8	100	100	0
6	Johnson County Secondary Roads	County	111006	53	Skid Steer Loader, Wheel or Track	2				2										2	100	100	0
6	Johnson County Secondary Roads	County	111006	102	Breaker Pavement, Attachment	1				1										1	100	100	0
6	Johnson County Secondary Roads	County	111006	103	Broom, Attachment	2				1										2	100	100	0
6	Johnson County Secondary Roads	County	111006	104	Brush Chipper	1				1										1	100	100	0
6	Johnson County Secondary Roads	County	111006	105	Compressor, Air 125-200	1				1										1	100	100	0
6	Johnson County Secondary Roads	County	111006	110	Drill, Vertical	1				1										1	100	100	0
6	Johnson County Secondary Roads	County	111006	112	Filler, Crack	1				1										1	50	100	0
6	Johnson County Secondary Roads	County	111006	115	Hydro-Seeder	1				1										1	75	67	33
6	Johnson County Secondary Roads	County	111006	116	Kettle, Bitumen Heater	1				1										1	100	100	0
6	Johnson County Secondary Roads	County	111006	129	Roller, Attachment	1				1										1	75	100	0
6	Johnson County Secondary Roads	County	111006	131	Seeder	1				1										1	75	67	33
6	Johnson County Secondary Roads	County	111006	136	Snow Blower, Attachment	5				5										5	25	100	0
6	Johnson County Secondary Roads	County	111006	138	Sprayer, Weed	1				1										1	100	100	0
6	Johnson County Secondary Roads	County	111006	143	Trailer, Low Bed 15 Ton	1				1										1	100	100	0
6	Johnson County Secondary Roads	County	111006	144	Trailer, Low Bed Semi	1				1										1	100	100	0
6	Johnson County Secondary Roads	County	111006	158	Trailer 20 ton	1				1										1	0	100	0
6	Johnson County Secondary Roads	County	111006	159	Trailer 25 ton	1				1										1	0	100	0
6	Johnson County Secondary Roads	County	111006	160	Trailer Rock Pup	3				3										3	50	100	0
6	Johnson County Secondary Roads	County	111006	161	Trailer Tanker 2400 Gal.	1				1										1	25	100	0
110	Black Hawk County	County	128012	1	Single Axle, Dump Body	12				12										12	83	17	0
110	Black Hawk County	County	128012	4	Tandem axle, dump body	5				5										5	80	20	0
110	Black Hawk County	County	128012	10	Truck-Mounted Bitumen Distributor	1				1										1	100	0	0

ID	Entity	Type	Pop.	Equip. Line	Type of Equipment														Total # Owned and Leased	% Usage	% Maintenance	% Construction	Other Usage
						# Owned	# Formal Rfd	# Direct Purchase	# Existing Contract	# Purchased Used	No Response Owned	# Leased	# Long Term with Maintenance	# Long Term No Maintenance	# Short Term Rental	No Response Leased							
110	Black Hawk County	County	128012	11	Water Truck	1	1												1	100	0	0	
110	Black Hawk County	County	128012	15	Hydraulic wheeled, 2+ cy	1	1												1	100	0	0	
110	Black Hawk County	County	128012	18	Hydraulic crawler, 2+ cy	1	1												1	0	100	0	
110	Black Hawk County	County	128012	23	Drum Roller 40-67"	1	1												1	100	0	0	
110	Black Hawk County	County	128012	26	Rubber Tire Roller 9 wheel	1	1												1	100	0	0	
110	Black Hawk County	County	128012	27	Sheep's Foot Roller 40-67"	1	1												1	0	100	0	
110	Black Hawk County	County	128012	29	Integrated Tool Carrier	1	1												1	100	0	0	
110	Black Hawk County	County	128012	30	Loader Crawler 80 HP or less	1	1												1	100	0	0	
110	Black Hawk County	County	128012	34	Mowing Tractor <45 HP	7	7												7	100	0	0	
110	Black Hawk County	County	128012	35	Mowing Tractor 45-65 HP	3	3												3	100	0	0	
110	Black Hawk County	County	128012	37	Tractor Loader-Backhoe	2	2												2	100	0	0	
110	Black Hawk County	County	128012	42	Cranes	1			1										1	0	100	0	
110	Black Hawk County	County	128012	44	Dozer, 150-300 HP	1	1												1	0	100	0	
110	Black Hawk County	County	128012	48	Motor grader, 135 HP or less	12	12												12	100	0	0	
110	Black Hawk County	County	128012	50	Self-Propelled Chip Spreader	1	1												1	100	0	0	
110	Black Hawk County	County	128012	65	Pickups	15	13			2									15	73	27	0	
110	Black Hawk County	County	128012	68	Sign Maintenance Truck	1	1												1	100	0	0	
110	Black Hawk County	County	128012	76	Shop Service Truck w/ Crane	1	1												1	100	0	0	
110	Black Hawk County	County	128012	85	Brush Mower	1	1												1	100	0	0	
110	Black Hawk County	County	128012	86	SUV	1	1												1			0	
110	Black Hawk County	County	128012	87	Suburban	1			1										1	0	100	0	
110	Black Hawk County	County	128012	102	Breaker Pavement, Attachment	1	1												1	100	0	0	
110	Black Hawk County	County	128012	103	Broom, Attachment	1	1												1	100	0	0	
110	Black Hawk County	County	128012	104	Brush Chipper	1		1											1	100	0	0	
110	Black Hawk County	County	128012	105	Compressor, Air 125-200	0				2					2				2	100	0	0	
110	Black Hawk County	County	128012	111	Driver, Pile or Pipe	1	1												1	0	100	0	
110	Black Hawk County	County	128012	112	Filler, Crack	1	1												1	50	50	0	
110	Black Hawk County	County	128012	115	Hydro-Seeder	1		1											1	0	100	0	
110	Black Hawk County	County	128012	130	Saw, Concrete	1		1											1	100	0	0	
110	Black Hawk County	County	128012	136	Snow Blower, Attachment	1			1										1	100	0	0	
110	Black Hawk County	County	128012	138	Sprayer, Weed	2		2											2	100	0	0	
110	Black Hawk County	County	128012	144	Trailer, Low Bed Semi	2	2												2				
110	Black Hawk County	County	128012	172	Signal Lights w/ Trailer	2	2												2				
110	Black Hawk County	County	128012	173	Welder/Generator	1		1											1	0	100	0	
110	Black Hawk County	County	128012	174	Mixer	1			1										1	100	0	0	
110	Black Hawk County	County	128012	175	Gang Mower	1	1												1	100	0	0	
110	Black Hawk County	County	128012	176	Rock Retriever	2		2											2	100	0	0	
23	Scott County	County	158668	1	Single Axle, Dump Body	14	14												14	98	2	0	
23	Scott County	County	158668	3	Single axle, van body	1	1												1	100	0	0	
23	Scott County	County	158668	4	Tandem axle, dump body	4	4												4	98	2	0	
23	Scott County	County	158668	12	Semi-Tractor	1			1										1	98	2	0	
23	Scott County	County	158668	13	Hydraulic wheeled, < 1 cy	2	2												2	100	0	0	
23	Scott County	County	158668	14	Hydraulic wheeled, 1-2 cy	1	1												1	98	2	0	
23	Scott County	County	158668	17	Hydraulic crawler, 1-2 cy	1	1												1	95	5	0	
23	Scott County	County	158668	23	Drum Roller 40-67"	1			1										1	98	2	0	
23	Scott County	County	158668	25	Rubber Tire Roller 7 wheel	1			1										1	98	2	0	
23	Scott County	County	158668	27	Sheep's Foot Roller 40-67"	1			1										1	98	2	0	
23	Scott County	County	158668	33	Wheel Loader 2 cy +	2	2			2					2				4	100	0	0	
23	Scott County	County	158668	36	Mowing Tractor 65+ HP	2	2												2	100	0	0	
23	Scott County	County	158668	37	Tractor Loader-Backhoe	1	1												1	98	2	0	
23	Scott County	County	158668	38	Tractor Loader-Box Blade	1	1												1	98	2	0	
23	Scott County	County	158668	43	Dozer, 150 HP or less	1	1												1	100	0	0	
23	Scott County	County	158668	44	Dozer, 150-300 HP	1	1												1	85	15	0	
23	Scott County	County	158668	47	Dragline, > 1/2 cy	1			1										1	100	0	0	
23	Scott County	County	158668	49	Motor grader, >135 HP	10	10												10	99	1	0	
23	Scott County	County	158668	52	Scraper, Rubber Tire Elevating >15 cy	2	2												2	80	20	0	
23	Scott County	County	158668	103	Broom, Attachment	1	1												1	100	0	0	
23	Scott County	County	158668	104	Brush Chipper	1	1												1	100	0	0	
23	Scott County	County	158668	105	Compressor, Air 125-200	1	1												1	90	10	0	
23	Scott County	County	158668	106	Compressor, Air 200+	1	1												1	80	20	0	
23	Scott County	County	158668	111	Driver, Pile or Pipe	1			1										1	5	95	0	
23	Scott County	County	158668	112	Filler, Crack	1	1												1	100	0	0	
23	Scott County	County	158668	116	Kettle, Bitumen Heater	1	1												1	100	0	0	
23	Scott County	County	158668	130	Saw, Concrete	1	1												1	100	0	0	
23	Scott County	County	158668	131	Seeder	1	1												1	90	10	0	
23	Scott County	County	158668	132	Sewer Jet	1	1												1	100	0	0	
23	Scott County	County	158668	134	Shouldering Machine	2	2												2	100	0	0	
23	Scott County	County	158668	138	Sprayer, Weed	1	1												1	100	0	0	
23	Scott County	County	158668	143	Trailer, Low Bed 15 Ton	1	1												1	95	5	0	
23	Scott County	County	158668	144	Trailer, Low Bed Semi	1	1												1	90	10	0	
23	Scott County	County	158668	146	Washer, Hi-Power Water	1	1												1	100	0	0	

ID	Entity	Type	Pop.	Equip. Line	Type of Equipment	# Owned	# Formal Bid	# Direct Purchase	# Existing Contract	# Purchased Used	No Response Owned	# Leased	# Long Term with Maintenance	# Long Term No Maintenance	# Short Term Rental	No Response Leased	Total # Owned and Leased	% Usage	% Maintenance	% Construction	Other Usage
117	Linn County Secondary Road Department	County	191701	1	Single Axle, Dump Body	27	27				0						27	95	5	0	
117	Linn County Secondary Road Department	County	191701	4	Tandem axle, dump body	9	9				0						9	90	10	0	
117	Linn County Secondary Road Department	County	191701	5	Tandem axle, flatbed	1	1				0						1	90	10	0	
117	Linn County Secondary Road Department	County	191701	9	Platform Boom (High-Reach)	1	1				0						1	100	0	0	
117	Linn County Secondary Road Department	County	191701	10	Truck-Mounted Bitumen Distributor	1	1				0						1	70	30	0	
117	Linn County Secondary Road Department	County	191701	12	Semi-Tractor	1	1				0						1	90	10	0	
117	Linn County Secondary Road Department	County	191701	14	Hydraulic wheeled, 1-2 cy	4	4				0						4	70	30	0	
117	Linn County Secondary Road Department	County	191701	24	Drum Roller 67+*	3	3				0						3	95	5	0	
117	Linn County Secondary Road Department	County	191701	26	Rubber Tire Roller 9 wheel	1	1				0						1	70	30	0	
117	Linn County Secondary Road Department	County	191701	28	Sheep's Foot Roller 67+*	1	1				0						1	90	10	0	
117	Linn County Secondary Road Department	County	191701	33	Wheel Loader 2 cy +	6	6				0						6	100	0	0	
117	Linn County Secondary Road Department	County	191701	34	Mowing Tractor <45 HP	1	1				0						1	100	0	0	
117	Linn County Secondary Road Department	County	191701	35	Mowing Tractor 45-65 HP	5	5				0						5	100	0	0	
117	Linn County Secondary Road Department	County	191701	36	Mowing Tractor 65+ HP	8	8				0						8	100	0	0	
117	Linn County Secondary Road Department	County	191701	37	Tractor Loader-Backhoe	1	1				0						1	70	30	0	
117	Linn County Secondary Road Department	County	191701	42	Cranes	2	1	1			0						2	70	30	0	
117	Linn County Secondary Road Department	County	191701	43	Dozer, 150 HP or less	3	3				0						3	90	10	0	
117	Linn County Secondary Road Department	County	191701	49	Motor grader, >135 HP	17	17				0						17	90	10	0	
117	Linn County Secondary Road Department	County	191701	50	Self-Propelled Chip Spreader	1	1				0						1	70	30	0	
117	Linn County Secondary Road Department	County	191701	51	Scraper, Rubber Tire Elevating <15 cy	4	2	2			0						4	50	50	0	
117	Linn County Secondary Road Department	County	191701	53	Skid Steer Loader, Wheel or Track	1	1				0						1	100	0	0	
117	Linn County Secondary Road Department	County	191701	61	Sign Truck	1	1				0						1	100	0	0	
117	Linn County Secondary Road Department	County	191701	65	Pickups	26	26				0						26	95	5	0	
117	Linn County Secondary Road Department	County	191701	73	Fuel Truck	1	1				0						1	90	10	0	
117	Linn County Secondary Road Department	County	191701	86	SUV	2	1	1			0						2	95	5	0	
117	Linn County Secondary Road Department	County	191701	90	Spray Truck	1	1				0						1	100	0	0	
117	Linn County Secondary Road Department	County	191701	91	4x4 Single Axle	5	5				0						5	100	0	0	
117	Linn County Secondary Road Department	County	191701	92	Carry All	3	3				0						3	50	50	0	
117	Linn County Secondary Road Department	County	191701	93	Car	2	1	1			0						2	70	30	0	
117	Linn County Secondary Road Department	County	191701	103	Broom, Attachment	2	2				0						2	100	0	0	
117	Linn County Secondary Road Department	County	191701	104	Brush Chipper	2	2				0						2	100	0	0	
117	Linn County Secondary Road Department	County	191701	105	Compressor, Air 125-200	1	1				0						1	100	0	0	
117	Linn County Secondary Road Department	County	191701	111	Driver, Pole or Pipe	1	1				0						1	70	30	0	
117	Linn County Secondary Road Department	County	191701	112	Filler, Crack	2	2				0						2	100	0	0	
117	Linn County Secondary Road Department	County	191701	113	Grapple Attachment, Loader	2	2				0						2	90	10	0	
117	Linn County Secondary Road Department	County	191701	115	Hydro-Seeder	4	4				0						4	95	5	0	
117	Linn County Secondary Road Department	County	191701	122	Marker, Centerline Paint	1	1				0						1	100	0	0	
117	Linn County Secondary Road Department	County	191701	124	Milling Head	1	1				0						1	100	0	0	
117	Linn County Secondary Road Department	County	191701	130	Saw, Concrete	1	1				0						1	100	0	0	
117	Linn County Secondary Road Department	County	191701	131	Seeder	1	1				0						1	100	0	0	
117	Linn County Secondary Road Department	County	191701	136	Snow Blower, Attachment	1	1				0						1	100	0	0	
117	Linn County Secondary Road Department	County	191701	138	Sprayer, Weed	1	1				0						1	100	0	0	
117	Linn County Secondary Road Department	County	191701	143	Trailer, Low Bed 15 Ton	7	7				0						7	95	5	0	
117	Linn County Secondary Road Department	County	191701	144	Trailer, Low Bed Semi	1	1				0						1	90	10	0	
117	Linn County Secondary Road Department	County	191701	146	Washer, Hi-Power Water	7	7				0						7	100	0	0	
223	Iowa Department of Transportation	Other		1	Single Axle, Dump Body	478	373		105		0						478	100	100	0	
223	Iowa Department of Transportation	Other		2	Single axle, flatbed	25	21		4		0						25	100	100	0	
223	Iowa Department of Transportation	Other		3	Single axle, van body	14	14				0						14	100	100	0	
223	Iowa Department of Transportation	Other		4	Tandem axle, dump body	535	375		160		0						535	100	100	0	
223	Iowa Department of Transportation	Other		5	Tandem axle, flatbed	6	6				0						6	100	100	0	
223	Iowa Department of Transportation	Other		7	Bridge Inspection Unit	4	4				0						4	100	100	0	
223	Iowa Department of Transportation	Other		8	Fully Equipped Paint Truck	12	9		3		0						12	75	100	0	
223	Iowa Department of Transportation	Other		9	Platform Boom (High-Reach)	14	12		2		0						14	100	100	0	
223	Iowa Department of Transportation	Other		12	Semi-Tractor	19	10		4	5	0						19	100	100	0	
223	Iowa Department of Transportation	Other		13	Hydraulic wheeled, < 1 cy	9	8		1		0						9	75	100	0	
223	Iowa Department of Transportation	Other		16	Hydraulic crawler, <1 cy	3	2		1		0						3	75	100	0	
223	Iowa Department of Transportation	Other		20	Asphalt, Main Screed > 10 ft.	2	2				1				1		3	75	99	1	
223	Iowa Department of Transportation	Other		23	Drum Roller 40-67"	20	20				1						21	75	100	0	
223	Iowa Department of Transportation	Other		24	Drum Roller 67+*	3	3				1					1	4	75	99	1	
223	Iowa Department of Transportation	Other		26	Rubber Tire Roller 9 wheel	5	5				0						5	75	100	0	
223	Iowa Department of Transportation	Other		30	Loader Crawler 80 HP or less	14	14				0						14	75	100	0	
223	Iowa Department of Transportation	Other		32	Wheel Loader 2 cy or less	148	148				0						148	100	100	0	
223	Iowa Department of Transportation	Other		33	Wheel Loader 2 cy +	3	3				0						3	100	100	0	
223	Iowa Department of Transportation	Other		34	Mowing Tractor <45 HP	67	67				0						67	75	100	0	
223	Iowa Department of Transportation	Other		36	Mowing Tractor 65+ HP	183	162		21		39				39		222	85.25	100	0	
223	Iowa Department of Transportation	Other		37	Tractor Loader-Backhoe	21	21				0						21	84.15	100	0	
223	Iowa Department of Transportation	Other		40	Sweeper, 4 Wheel Mechanical	5	5				0						5	75	100	0	
223	Iowa Department of Transportation	Other		46	Dragline, 1/2 cy or less	2	2				0						2	100	100	0	
223	Iowa Department of Transportation	Other		48	Motor grader, 135 HP or less	59	59				0						59	100	100	0	
223	Iowa Department of Transportation	Other		53	Skid Steer Loader, Wheel or Track	16	16				0						16	100	100	0	
223	Iowa Department of Transportation	Other		101	Attenuator, Crash, Trk Mtd	99	97		2		0						99	100	100	0	



ID	Entity	Type	Pop.	Equip. Line	Type of Equipment	# Owned	# Formal Bld	# Direct Purchase	# Existing Contract	# Purchased Used	No Response Owned	# Leased	# Long Term with Maintenance	# Long Term No Maintenance	# Short Term Rental	No Response Leased	Total # Owned and Leased	% Usage	% Maintenance	% Construction	Other Usage
223	Iowa Department of Transportation	Other		102	Breaker Pavement, Attachment	30	30				0					30	83.33	100	0	0	
223	Iowa Department of Transportation	Other		103	Broom, Attachment	85	83		2		0					85	77.94	100	0	0	
223	Iowa Department of Transportation	Other		104	Brush Chipper	15	15				0					15	100	100	0	0	
223	Iowa Department of Transportation	Other		105	Compressor, Air 125-200	114	110		4		0					114	85.96	100	0	0	
223	Iowa Department of Transportation	Other		106	Compressor, Air 200+	10	10				0					10	87.5	100	0	0	
223	Iowa Department of Transportation	Other		107	Conveyor, Salt	6	3		3		0					6	100	100	0	0	
223	Iowa Department of Transportation	Other		109	Distributor Bitumen, Slip-in or Trailer	54	54				0					54	86.57	100	0	0	
223	Iowa Department of Transportation	Other		110	Drill, Vertical	9	9				0					9	100	100	0	0	
223	Iowa Department of Transportation	Other		111	Driver, Pile or Pipe	2	2				0					2	75	100	0	0	
223	Iowa Department of Transportation	Other		112	Filler, Crack	15	15				0					15	86.67	100	0	0	
223	Iowa Department of Transportation	Other		113	Grapple Attachment, Loader	2	2				0					2	100	100	0	0	
223	Iowa Department of Transportation	Other		114	Heater, Pre-Mix	50	46		4		0					50	87.5	100	0	0	
223	Iowa Department of Transportation	Other		115	Hydro-Seeder	1	1				0					1	75	100	0	0	
223	Iowa Department of Transportation	Other		116	Kettle, Bitumen Heater	59	59				0					59	87.71	100	0	0	
223	Iowa Department of Transportation	Other		117	Machine, Asphalt Patcher	16	15		1		0					16	79.69	100	0	0	
223	Iowa Department of Transportation	Other		118	Machine, Gunite	1	1				0					1	75	100	0	0	
223	Iowa Department of Transportation	Other		119	Machine, Profiler	1	1				0					1	75	99	1	0	
223	Iowa Department of Transportation	Other		120	Machine, Road Rating	3	3				0					3	75	50	50	0	
223	Iowa Department of Transportation	Other		121	Machine, Slurry	2	2				0					2	75	100	0	0	
223	Iowa Department of Transportation	Other		122	Marker, Centerline Paint	1	1				0					1	75	100	0	0	
223	Iowa Department of Transportation	Other		123	Miller, Asphalt Spreader	1	1				0					1	75	100	0	0	
223	Iowa Department of Transportation	Other		124	Milling Head	16	16				0					16	81.25	100	0	0	
223	Iowa Department of Transportation	Other		125	Mixer, Bitumen Recycler	1	1		1		0					1	75	100	0	0	
223	Iowa Department of Transportation	Other		126	Pump, Asphalt	1	1				0					1	75	100	0	0	
223	Iowa Department of Transportation	Other		127	Pump, Mud Paddle/Colloidal	15	15				0					15	75	100	0	0	
223	Iowa Department of Transportation	Other		129	Roller, Attachment	72	72				0					72	78.47	100	0	0	
223	Iowa Department of Transportation	Other		130	Saw, Concrete	15	15				0					15	78.33	100	0	0	
223	Iowa Department of Transportation	Other		135	Signal, Speed Sensing Trailer Mtd.	6	4		2		0					6	100	100	0	0	
223	Iowa Department of Transportation	Other		136	Snow Blower, Attachment	35	32		3		0					35	75	100	0	0	
223	Iowa Department of Transportation	Other		137	Spade, Tree	1	1				0					1	75	100	0	0	
223	Iowa Department of Transportation	Other		138	Sprayer, Weed	87	87				0					87	75	100	0	0	
223	Iowa Department of Transportation	Other		139	Sweeper Attachment	3	3				0					3	75	100	0	0	
223	Iowa Department of Transportation	Other		140	Tiller, Power Rake	1	1		1		0					1	75	100	0	0	
223	Iowa Department of Transportation	Other		141	Trailer, Belly Dump	0	0				1			1		1	25	100	0	0	
223	Iowa Department of Transportation	Other		143	Trailer, Low Bed 15 Ton	166	162		4		0					166	100	100	0	0	
223	Iowa Department of Transportation	Other		144	Trailer, Low Bed Semi	17	16		1		0					17	100	100	0	0	
223	Iowa Department of Transportation	Other		145	Trailer, Van	6	6				0					6	100	100	0	0	
223	Iowa Department of Transportation	Other		146	Washer, Hi-Power Water	34	34				0					34	70.59	100	0	0	
232	Newton Correctional Facility	Other		32	Wheel Loader 2 cy or less	1	1				0					1	100	100	0	0	
232	Newton Correctional Facility	Other		35	Mowing Tractor 45-65 HP	2	2				0					2	100	100	0	0	
232	Newton Correctional Facility	Other		36	Mowing Tractor 65+ HP	1	1				0					1	100	100	0	0	
232	Newton Correctional Facility	Other		104	Brush Chipper	1	1				0					1	100	100	0	0	
243	Clarinda Correctional Facility	Other		1	Single Axle, Dump Body	1			1		0					1	100	51	49	0	
243	Clarinda Correctional Facility	Other		2	Single axle, flatbed	1			1		0					1	100	90	10	0	
243	Clarinda Correctional Facility	Other		3	Single axle, van body	4			4		0					4	100	100	0	0	
243	Clarinda Correctional Facility	Other		9	Platform Boom (High-Reach)	1		1			0					1	100	90	10	0	
243	Clarinda Correctional Facility	Other		32	Wheel Loader 2 cy or less	1			1		0					1	100	65	35	0	
243	Clarinda Correctional Facility	Other		34	Mowing Tractor <45 HP	3			3		0					3	100	100	0	0	
243	Clarinda Correctional Facility	Other		37	Tractor Loader-Backhoe	1	1				0					1	88	61	39	0	
243	Clarinda Correctional Facility	Other		53	Skid Steer Loader, Wheel or Track	1	1				0					1	100	73	27	0	
243	Clarinda Correctional Facility	Other		105	Compressor, Air 125-200	1	1				0					1		56	44	0	
83	Fort Dodge Correctional Facility	Other		1	Single Axle, Dump Body	1			1		0					1	25	100	0	0	
85	Oakdale, Dept. of Corrections	Other		53	Skid Steer Loader, Wheel or Track	1	1				0					1	25	60	40	0	
85	Oakdale, Dept. of Corrections	Other		132	Sewer Jet	0					1			1		1		100	0	0	
118	Iowa State Penitentiary	Other		1	Single Axle, Dump Body	3			3		0					3	100	83	17	0	
118	Iowa State Penitentiary	Other		33	Wheel Loader 2 cy +	1			1		0					1	100	100	0	0	
118	Iowa State Penitentiary	Other		34	Mowing Tractor <45 HP	1	1				0					1	100	100	0	0	
118	Iowa State Penitentiary	Other		37	Tractor Loader-Backhoe	1	1				0					1	100	75	25	0	
118	Iowa State Penitentiary	Other		53	Skid Steer Loader, Wheel or Track	1	1				0					1	100	75	25	0	
118	Iowa State Penitentiary	Other		105	Compressor, Air 125-200	1	1				0					1	100	50	50	0	
134	North Central Correctional Facility	Other			Damaged Disk						0										
149	Iowa Correctional Institution for Women	Other		0	Not Applicable	0					0					0					
155	Anamosa State Penitentiary	Other		0	Not Applicable	0					0					0					
173	Iowa DNR	Other		0	Not Applicable	0					0					0					
126	Board of Regents, State of Iowa	Other		0	Not Applicable	0					0					0					
195	Unknown1	Other		1	Single Axle, Dump Body	1		1			2		1		1	3	50	54	46	0	
196	Unknown2	Other		1	Single Axle, Dump Body	4	4				0					4		100	0	0	
196	Unknown2	Other		4	Tandem axle, dump body	11	9		2		0					11		100	0	0	
196	Unknown2	Other		13	Hydraulic wheeled, < 1 cy	2	2				0					2		100	0	0	
196	Unknown2	Other		33	Wheel Loader 2 cy +	2			2		0					2		100	0	0	
196	Unknown2	Other		36	Mowing Tractor 65+ HP	4	4				0					4		100	0	0	

