

## 2201SOV

### Small Off-Road Engine (SORE) Population and Activity Survey: Lawn and Garden Vendor Survey

SHLO Hello, this is \_\_\_\_\_, calling from the Social Science Research Center at California State University, Fullerton. Have I reached [Business Name]?

1. Yes, continue
2. No, disposition record appropriately

IND Are you the staff member at your business best able to answer questions about the number of lawn, garden, and similar equipment kept at your business?

1. Yes [Skip To INT]
2. No, different person, or different department
3. No, the person who answered the phone would like more information [Skip To INT]

TF Can you give me the name and number of the individual best able to answer these questions?

1. Yes, obtain contact information  
Specify Name>  
Specify Number>
2. Don't know
3. Refused

TRF Can I be transferred to this person now?

1. Yes [Skip To INT]
2. That person is not in now
7. Don't know
9. Refused

CLBK Is there a better time to reach this person?

1. Schedule callback
7. Don't know [Enter Callback Three Days From Current Day]
9. Refused [Enter Callback Three Days From Current Day]

INT We're conducting a telephone survey of 500 randomly selected landscaping or yard care businesses operating within the state of California to obtain information on lawn, garden, and similar equipment used to provide landscaping and other maintenance services. This survey takes about 15 to 20 minutes to complete. The data collected in this survey will be kept strictly confidential to the extent permitted by law and in no case will be used to identify any one individual or business.

[If IND = 3, Go Back To IND]

T0 I have a few questions to make sure your business is eligible to participate in our study.

AGE1 First, may I confirm that you are 18 years of age or older?

1. Yes [Skip To CAL]
2. No

AGE2 Is there a company representative over 18 I can talk to?

1. Yes [Go Back To INT]
2. No [End Survey, And Read To Respondent: "We are sorry, but our survey procedures require participants to be 18 years of age or older. Thank you for your time.]

CAL And may I confirm that your business operates within the state of California?

1. Operates In Ca, Continue
2. Does Not [End Survey, And Read To Respondent: "We are sorry, but our survey procedures require participants to have businesses operating within the State of California. Thank you for your time.

LSC1 Is this business a landscaping or yard care business?

1. Yes [Skip To INT2]
2. No

LSC2 Is your business involved in any of the following: landscaping, tree trimming/removal, irrigation, tree stump removal/grinding, garden planning, or landscape architecture, counseling, or planning?

1. Yes [Skip To INT2]
2. No

BUS Unfortunately, businesses that do not provide landscaping or yard care services are not eligible to participate in the current study.

[End Survey]

INT2 Before we begin, I need to read you some information about your rights as a study participant. This study involves no more than minimal risk, and there are no known harms or discomforts associated with this study beyond those encountered in daily life. You are free to decline to answer any survey question or to decline to participate entirely. Only research staff at the SSRC will have access to the data collected during this survey. Our center director, Laura Gil-Trejo, has no financial interest in the results of this study, and the research is being done solely for policy and planning purposes.

If you have questions about your rights as a research participant, I have some numbers I can provide for you. [If Requested] You may contact California State University, Fullerton Regulatory Compliance Coordinator at (657) 278-7719. For any other questions about the study, contact Laura Gil-Trejo at 657-278-7691.

Now that you have this information, are you willing to participate in our study?

1. Yes, Continue
2. Callback
3. Refused [End Survey]

T0.5 First, I need to ask a few general questions about your business.

LOC Is your business run from a single location, or is it one of several run by the same owner?

1. Single Location [Skip To CIT1]
2. Multiple Locations
7. Don't Know
9. Refused

SIT How many offices/locations does your business operate in California?

1. Specify Number>
7. Don't Know
9. Refused

[Go To CIT2]

CIT1 In what city is this office located?

1. Specify The Location>
7. Don't Know
9. Refused

[Go To Q1]

CIT2 In what cities are these offices/locations?

1. Specify Up To Ten Cities/Locations
2. Don't Know
9. Refused

TL For this study, please provide information for only your location. Do not provide information on other sites associated with your business.

Q1 Does your businesses provide residential or commercial services?

1. Residential
2. Commercial
3. Both
7. Don't Know
9. Refused

Q2 Which of the following services does your business provide? [Select All That Apply]

1. Landscaping
2. Irrigation
3. Tree trimming/removal
4. Stump grinding
5. Landscape design/architecture
6. Other services, Specify>
7. Don't Know
9. Refused

- [If Q1 = 2, Skip To Q4]
- Q3 Which of the following types of residences do you provide services to? [Select All That Apply]
1. Single family homes
  2. Mobile home/parks
  3. Apartment complexes
  4. Condominium/townhouse buildings
  5. Assisted living homes
  6. Other [Interviewer: If Respondent Indicates Homeowner's Association, Clarify Type Of Residence]
  7. None Of The Above
  77. Don't Know
  99. Refused

- [If Q1 = 1, Skip To Q5]
- Q4 Which of the following types of commercial/industrial properties do you provide services to? [Select All That Apply]
1. Businesses/business parks
  2. Industrial facilities
  3. Schools, colleges, universities
  4. Municipal parks/public land
  5. Golf courses
  6. Cemeteries
  7. Farms/ranches
  8. Shopping centers
  9. Hotels/resorts
  10. Other
  11. None Of The Above
  77. Don't Know
  99. Refused

- Q5 About, how many regular clients do you provide services to in California in a year?
1. Specify The Number Of Clients> [Skip To Q7]
  7. Don't Know
  9. Refused [Skip To Q7]

- Q6 Would you say, the number of regular clients you provide services to in California in a year is...
1. 0-10
  2. 11-25
  3. 26-50
  4. 51-75
  5. 76-125
  6. 126-250
  7. 251-500
  8. Greater than 500
  77. Don't Know
  99. Refused

- Q7 About how many of these clients do you provide services to...
1. Less than once a week Specify Number>
  2. Once a week Specify Number>
  3. More than once a week Specify Number>
  7. Don't Know
  9. Refused

[IF Q7\_1 = 0, SKIP TO Q8]

- Q7a Of the [INSERT VALUE FOR Q7\_1] clients you visit less than once a week, about how many of these clients do you provide services to...
1. Less than once a month Specify Number>
  2. Once a month Specify Number>
  3. More than once a month Specify Number>
  77. Don't Know
  99. Refused

[If Q7A\_1 Through Q7A\_3 Are Answered, Skip To Q8]

- Q7b Do you provide services to the majority of your clients...
1. Less than once a week
  2. Once a week [Skip To Q8]
  3. More than once a week [Skip To Q8]
  7. Don't Know [Skip To Q8]
  9. Refused [Skip To Q8]

- Q7c Do you provide services to the majority of your clients...
1. Less than once a month
  2. Once a month
  3. More than once a month
  7. Don't Know
  9. Refused

- Q8 We are interested in how long you provide services for your regular clients on each visit. For about how many of your regular clients do you provide services for...each time?
1. Thirty minutes or less, Specify Number>
  2. Between 31 and 60 minutes, Specify Number>
  3. Between one and two hours, Specify Number>
  4. Between two and four hours, Specify Number>
  5. More than four hours, Specify Number>
  7. Don't Know
  9. Refused

[If Q8 = 7 OR 9, Continue, Otherwise Skip To Q9]

Q8a For about how long do you provide services for the majority of your regular clients each time you visit them?

1. Thirty minutes or less
2. Between 31 and 60 minutes
3. Between one and two hours
4. Between two and four hours
5. More than four hours
7. Don't Know
9. Refused

Q9 Does your business provide services anywhere outside of California?

1. Yes
2. No [Skip To Q10]
7. Don't Know
9. Refused

T2 I'd like to know a little more about the power lawn and garden equipment owned and used by your business within California. Do not provide information on equipment owned and used by your business exclusively outside of California.

Q10 For each type of power lawn and garden equipment I read, please tell me whether that type of equipment is used by your business and how many there are of each. Are there any...

- i. Chainsaws
- ii. Lawn mowers (walk-behind)
- iii. Leaf blowers or leaf vacuums
- iv. String trimmers/weedwackers
- v. Hedge trimmers
- vi. Riding lawn mowers (including zero turn-radius mowers, lawn tractors, and rear-engine mowers)
- vii. Pole Saw
- viii. Rototiller
- ix. Stumpgrinder
- x. Edger
- xi. Some other types of power lawn/garden equipment, SPECIFY TYPE>

1. Yes, Specify The Number Of Each Equipment Type>
1. No
7. Don't Know
9. Refused

[If Q10\_i Through Q10\_xi = 0, Skip To Q27]

[If # In Q10 Category Is Greater Than 1, Go To Q19, And Cycle Through For Q19 To Q26 For Each Category]

[Cycle Through For Q11 To Q18a For Each Piece In Category]

[ASK Q11 FOR Q10\_ii = 1, Q10\_vi = 1, Q10\_viii = 1, Q10\_ix = 1, OR Q10\_xi = 1 (Lawn Mowers, Rototillers, Stumpgrinders, And Other Lawn Equipment)]

Q11 What is the horsepower of this piece of equipment?

1. 25 hp or less
2. Greater than 25 hp
3. Equipment is electric
7. Don't Know
9. Refused

[Ask Q12 For Q10\_ii = 1 (Lawn Mowers)]

Q12 Is the cutting width for this lawn mower...

1. 22 inches or less
2. Greater than 22 inches
7. Don't Know
9. Refused

Q13 What is the power type for this piece of equipment?

1. Gasoline engine [Skip To Q15]
2. Electric motor
3. Other, Specify> [Skip To Q15]
7. Don't Know
9. Refused

[Skip For Q10\_vi Equipment]

Q14 Is this electric equipment corded or cordless?

1. Corded
2. Cordless
7. Don't Know
9. Refused

Q15 Generally, how often is this piece of equipment used throughout the year?

1. Specify In Times Per Year> [Skip To Q16]
2. Specify In Times Per Month> [Skip To Q16]
3. Specify In Times Per Week> [Skip To Q16]
4. Specify In Times Per Day> [Skip To Q16]
7. Don't Know
9. Refused

Q15a Would you say it is used...

1. At least once a day
2. At least once a week but not daily
3. At least once a month but less than once a week
4. At least once a year but less than once a month
5. Less than once a year
7. Don't Know
9. Refused

Q16 For how long is this piece of equipment used each time?

1. Specify In Minutes> [Skip To Q17]
2. Specify In Hours> [Skip To Q17]
7. Don't Know
9. Refused

Q16a Would you say it is used....

1. Fifteen minutes or less
2. Between 16 and 30 minutes
3. Between 31 and 60 minutes
4. More than an hour, Specify How Long>
7. Don't Know
9. Refused

Q17 About how old is this equipment?

1. Specify In Years> [Skip To Q18]
2. Specify In Months> [Skip To Q18]
7. Don't Know
9. Refused

Q17a Would you say it is...

1. Less than a year old
2. Between one and five years old
3. Between six and ten years old
4. Between 10 and 20 years old
5. More than 20 years old
7. Don't Know
9. Refused

Q18 How much longer does your business plan to keep this equipment?

1. Specify In Years>
2. Specify In Months>
3. Until It Breaks/Fails
4. Other, Specify>
7. Don't Know
9. Refused

[Ask If Q18 = 7 Or 9, Otherwise, Skip Q18a]

Q18a Would you say you will keep it...

1. Less than a year more
2. Between one and five years more
3. Between six and ten years more
4. Between 10 and 20 years more
5. More than 20 years more
6. Until it breaks/fails
7. Don't Know
9. Refused



[Continue To T3 If No Categories Remaining]

[Ask Q19 For Q10\_ii = 1, Q10\_vi = 1, Q10\_viii = 1, Q10\_ix = 1, OR Q10\_xi = 1 (Lawn Mowers, Rototillers, Stumpgrinders, And Other Lawn Equipment)]

Q19 How many of these [Insert Equipment Type] are...?

1. 25 horsepower or less, Specify Number>
2. Greater than 25 horsepower, Specify Number>
3. Electric, Specify Number>
7. Don't Know
9. Refused

[Ask If Q19 = 7 Or 9. Otherwise, Skip To Q20]

Q19a Are the majority of these [Insert Equipment Type] ...?

1. 25 horsepower or less or
2. Greater than 25 horsepower
3. Electric
7. Don't Know
9. Refused

[Ask Q20 FOR Q10\_ii = 1 (Lawn Mowers)]

Q20 How many of these lawn mowers have cutting widths of...

1. 22 inches or less, Specify Number>
2. Greater than 22 inches, Specify Number>
7. Don't Know
9. Refused

[Ask If Q20 = 7 Or 9. Otherwise, Skip To Q21]

Q20a Do the majority of these lawn mowers have cutting widths of...

1. 22 inches or less, or
2. Greater than 22 inches, or
7. Don't Know
9. Refused

Q21 How many of your [Insert Equipment Type] have...

1. Gasoline engines, Specify Number>
2. Electric motors, Specify Number>
3. Other power sources, Specify Number And Type>
7. Don't Know
9. Refused

[Ask If Q21 = 7 Or 9. Otherwise, Skip To Q22]

Q21a Do the majority of your [Insert Equipment Type] have...

1. Gasoline engines,
2. Electric motors, or
3. Other power sources,
7. Don't Know
9. Refused

- [Skip For Q10\_vi Equipment]
- Q22 How many of those electric [Insert Equipment Type] are...
1. Corded, Specify Number>
  2. Cordless, Specify Number>
  7. Don't Know
  9. Refused
- [Ask If Q22 = 7 Or 9. Otherwise, Skip To Q23]
- Q22a Are the majority of these electric [Insert Equipment Type]...
1. Corded, or
  2. Cordless
  7. Don't Know
  9. Refused
- Q23 Thinking about the [Insert Equipment Type] your business uses, how many of your [Insert Equipment Type] are used...
1. At least once a day, Specify Number>
  2. At least once a week but not daily, Specify Number>
  3. At least once a month but less than once a week, Specify Number>
  4. At least once a year but less than once a month, Specify Number>
  5. Less than once a year, Specify Number>
  7. Don't Know
  9. Refused
- [Ask If Q23 = 7 Or 9. Otherwise, Skip To Q24]
- Q23a Thinking about the [Insert Equipment Type] your business uses, are the majority of your [Insert Equipment Type] used...
1. At least once a day
  2. At least once a week but not daily
  3. At least once a month but less than once a week
  4. At least once a year but less than once a month
  5. Less than once a year
  7. Don't Know
  9. Refused
- Q24 Now think about each time these [Insert Equipment Type] are used. How many are used...each time?
1. Fifteen minutes or less, Specify Number>
  2. Between 16 and 30 minutes, Specify Number>
  3. Between 31 and 60 minutes, Specify Number>
  4. More than an hour, Specify Number>
  7. Don't Know
  9. Refused

[Ask If Q24\_4 > 0. Otherwise, Skip To Q24b]

- Q24a. Of the [Insert Equipment Type] that you use for more than an hour, how long do you usually use them for?
1. Specify Length Of Time Over An Hour>
  7. Don't Know
  9. Refused

[Ask If Q24 = 7 Or 9. Otherwise, Skip To Q24b]

- Q24b Now think about each time these [Insert Equipment Type] are used. Are the majority of these [Insert Equipment Type] used...each time?
1. Fifteen minutes or less
  2. Between 16 and 30 minutes
  3. Between 31 and 60 minutes
  4. More than an hour
  7. Don't Know
  9. Refused

[Ask If Q24b = 4. Otherwise, Skip To Q25]

- Q24c. Of the majority of the [Insert Type Of Equipment] that you use for more than an hour, how long do you usually use them for?
1. Specify Length Of Time Over An Hour>
  7. Don't Know
  9. Refused

- Q25 Thinking about how old these [Insert Equipment Type] are, how many are...
1. Less than a year old, Specify Number>
  2. Between one and five years old, Specify Number>
  3. Between six and ten years old, Specify Number>
  4. Between 10 and 20 years old, Specify Number>
  5. More than 20 years old, Specify Number>
  7. Don't Know
  9. Refused

[Ask If Q25 = 7 Or 9. Otherwise, Skip To Q26]

- Q25a Are the majority of these [Insert Equipment Type]...
1. Less than a year old,
  2. Between one and five years old,
  3. Between six and ten years old,
  4. Between 10 and 20 years old, or
  5. More than 20 years old,
  7. Don't Know
  9. Refused

- Q26 Thinking about how long you will keep the [Insert Equipment Type]. How many will you keep...
1. Less than a year more, Specify Number>
  2. Between one and five years more, Specify Number
  3. Between six and ten years more, Specify Number>
  4. Between 10 and 20 years more, Specify Number>
  5. More than 20 years more, Specify Number>
  6. Until they break/fail, Specify Number>
  7. Don't Know
  9. Refused

[Ask If Q26 = 7 Or 9. Otherwise, Skip To Q27]

- Q26a Thinking about how long you will keep the [Insert Equipment Type]. Will you keep the majority...
1. Less than a year more
  2. Between one and five years more
  3. Between six and ten years more
  4. Between 10 and 20 years more
  5. More than 20 years more
  6. Until they break/fail
  7. Don't Know
  9. Refused

- Q27 Are any manual lawn and garden equipment (such as reel mowers, rakes) used by your business?
1. Yes
  0. No
  7. Don't Know
  9. Refused

T3 Now I want to ask you about other types of outdoor power equipment you might use at your business aside from lawn and garden equipment.

Q28 For each type of outdoor power equipment I read, please tell me whether that type of equipment is used by your business. Please do not include any equipment that is registered with the DMV. At your place of business, is there at least one...

- i. Compressor (not hard-wired)
- ii. Generator
- iii. Go cart
- iv. Pressure washer
- v. Pump, such as motor-driven water or trash pumps
- vi. Snowblower
- vii. Utility cart/golf cart
- viii. Welder
- ix. Some other type of outdoor power equipment, Specify>
  - 1. Yes, Specify Number>
  - 0. No
  - 7. Don't Know
  - 9. Refused

[If # In Q28 Category Is Greater Than 1, Cycle Through Q37 To Q44a For Each Category]

[Cycle Through Q29 To Q36a For Each Piece In Category]

[Q28 All = 0, Skip To Q45]

Q29 What is the horsepower of this piece of equipment?

- 1. 25 hp or less
- 2. Greater than 25 hp
- 3. Equipment is electric
- 7. Don't Know
- 9. Refused

Q30 What is the power type for this piece of equipment?

- 1. Gasoline engine [Skip To Q32]
- 2. Electric motor [IF Q28\_ii, "Battery"]
- 3. Other, SPECIFY> [Skip To Q32]
- 7. Don't Know
- 9. Refused

[SKIP FOR Q28\_ii, Q28\_iii, Q28\_vii]Q31 Is this electric equipment corded or cordless?

- 1. Corded
- 2. Cordless
- 7. Don't Know
- 9. Refused

- [If Q28\_ii  $\geq$  1, Continue, Otherwise Skip To Q33]
- Q32 Is/are your generator(s) portable?
1. Yes
  2. No
  7. Don't Know
  9. Refused
- Q33 In general, how often is this piece of equipment used throughout the year?
1. Specify In Times Per Year> [Skip To Q34]
  2. Specify In Times Per Month> [Skip To Q34]
  3. Specify In Times Per Week> [Skip To Q34]
  4. Specify In Times Per Day> [Skip To Q34]
  7. Don't Know
  9. Refused
- Q33a Would you say that it is used...
1. At least once a day
  2. At least once a week but not daily
  3. At least once a month but less than once a week
  4. At least once a year but less than once a month
  5. Less than once a year
  7. DON'T KNOW
  9. REFUSED
- Q34 For how long is this piece of equipment used each time?
1. Specify In Minutes> [Skip To Q35]
  2. Specify In Hours> [Skip To Q35]
  7. Don't Know
  9. Refused
- Q34a Would you say that it is used...
1. Fifteen minutes or less
  2. Between 16 and 30 minutes
  3. Between 31 and 60 minutes
  4. More than an hour, Specify How Long>
  7. Don't Know
  9. Refused
- Q35 About how old is this equipment?
1. Specify In Years> [Skip To Q36]
  2. Specify In Months> [Skip To Q36]
  7. Don't Know
  9. Refused

Q35a Would you say it is...

1. Less than a year old
2. Between one and five years old
3. Between six and ten years old
4. Between 10 and 20 years old
5. More than 20 years old
7. Don't Know
9. Refused

Q36 How much longer does your business plan to keep this equipment?

1. Specify In Years> [Skip To Q44]
2. Specify In Months> [Skip To Q44]
3. Until It Breaks/Fails [Skip To Q44]
4. Other, Specify> [Skip To Q44]
7. Don't Know
9. Refused

Q36a Would you say you will keep it...

1. Less than a year more
2. Between one and five years more
3. Between six and ten years more
4. Between 10 and 20 years more
5. More than 20 years more
6. Until it breaks/fails
7. Don't Know
9. Refused

[Skip To Q45 If No Categories Remaining]

Q37 How many of these [Insert Equipment Type] are...?

1. 25 horsepower or less, Specify Number>
2. Greater than 25 horsepower, Specify Number>
3. Electric, Specify Number>
7. Don't Know
9. Refused

[Ask If Q37 = 7 Or 9. Otherwise, Skip To Q38]

Q37a Are the majority of these [Insert Equipment Type] ...?

1. 25 horsepower or less or
2. Greater than 25 horsepower
3. Electric
7. Don't Know
9. Refused

- Q38 How many of your [Insert Equipment Type] have...
1. Gasoline engines, Specify Number>
  2. Electric motors [IF Q28\_ii, "are battery powered"], Specify Number>
  3. Other power sources, Specify Number And Type>
  7. Don't Know
  9. Refused

[Ask If Q38 = 7 Or 9. Otherwise, Skip To Q39]

- Q38a Do the majority of your [Insert Equipment Type] have...
1. Gasoline engines,
  2. Electric motors, or
  3. Other power sources
  7. Don't Know
  9. Refused

[ASK IF Q38\_2 > 0 Or Q38a = 2. Otherwise, Go To Q40]

[If Q28\_ii, Q28\_iii, Q28\_vii, Go To Q40]

- Q39 How many of those electric [Insert Equipment Type] are...
1. Corded, Specify Number>
  2. Cordless, Specify Number>
  7. Don't Know
  9. Refused

[Ask If Q39 = 7 Or 9. Otherwise, Skip To Q40]

- Q39a Are the majority of these electric [Insert Equipment Type]...
1. Corded or
  2. Cordless
  7. Don't Know
  9. Refused

[If Q28\_ii  $\geq$  1, Continue, Otherwise Skip To Q41]

- Q40 Is/are your generator(s) portable?
1. Yes
  2. No
  7. Don't Know
  9. Refused

- Q41 Thinking about the [Insert Equipment Type] your business uses, how many of your [Insert Equipment Type] are used...
1. At least once a day, Specify Number>
  2. At least once a week but not daily, Specify Number>
  3. At least once a month but less than once a week, Specify Number>
  4. At least once a year but less than once a month, Specify Number>
  5. Less than once a year, Specify Number>
  7. Don't Know
  9. Refused



[Ask If Q41 = 7 Or 9. Otherwise, Skip To Q42]

Q41a Thinking about The [INSERT EQUIPMENT TYPE] your business uses, are the majority of your [Insert Equipment Type] used...

1. At least once a day
2. At least once a week but not daily
3. At least once a month but less than once a week
4. At least once a year but less than once a month
5. Less than once a year
7. Don't Know
9. Refused

Q42 Think about each time these [Insert Equipment Type] are used. How many are used...each time?

1. Fifteen minutes or less, Specify Number>
2. Between 16 and 30 minutes, Specify Number>
3. Between 31 and 60 minutes, Specify Number>
4. More than an hour, Specify Number>
7. Don't Know
9. Refused

[Ask If Q42\_4 > 0. Otherwise, Skip To Q45]

Q42a. Of the [Insert Equipment Type] that you use for more than an hour, how long do you usually use them for?

1. Specify Length Of Time Over An Hour>
7. Don't Know
9. Refused

[Ask If Q42 = 7. Otherwise, Skip To Q43]

Q42b Now think about each time these [INSERT EQUIPMENT TYPE] are used. Are the majority of these [Insert Equipment Type] used...each time?

1. Fifteen minutes or less [Skip To Q43]
2. Between 16 and 30 minutes [Skip To Q43]
3. Between 31 and 60 minutes [Skip To Q43]
4. More than an hour
7. Don't Know [Skip To Q43]
9. Refused [Skip To Q43]

Q42c. Of the majority of the [Insert Type Of Equipment] that you use for more than an hour, how long do you usually use them for?

1. Specify Length Of Time Over An Hour>
7. Don't Know
9. Refused

Q43 Thinking of the age of these [Insert Equipment Type], how many are...

1. Less than a year old, Specify Number>
2. Between one and five years old, Specify Number>
3. Between six and ten years old, Specify Number>
4. Between 10 and 20 years old, Specify Number>
5. More than 20 years old, Specify Number>
7. Don't Know
9. Refused

[Ask If Q43 = 7 Or 9. Otherwise, Skip To Q44]

Q43a Are the majority of these [Insert Equipment Type]...

1. Less than a year old,
2. Between one and five years old,
3. Between six and ten years old,
4. Between 10 and 20 years old, or
5. More than 20 years old,
7. Don't Know
9. Refused

Q44 Now think about how long you will keep the [Insert Equipment Type]. How many will you keep...

1. Less than a year more, Specify Number>
2. Between one and five years more, Specify Number>
3. Between six and ten years more, Specify Number>
4. Between 10 and 20 years more, Specify Number>
5. More than 20 years more, Specify Number>
6. Until they break/fail, Specify Number>
7. Don't Know
9. Refused

[Ask If Q44 = 7 Or 9. Otherwise, Skip To Q45]

Q44a Thinking about how long you will keep the [Insert Equipment Type]. Will you keep the majority...

1. Less than a year more
2. Between one and five years more
3. Between six and ten years more
4. Between 10 and 20 years more
5. More than 20 years more
6. Until they break/fail
7. Don't Know
9. Refused

- Q45 Now thinking of all the power equipment we've discussed, has engine maintenance ever been performed on any of this equipment? This includes changing oil, oil filter, air filter, and spark plugs. Please do not include repairs to broken or malfunctioning equipment.
1. Yes
  2. No [Skip To Q48]
  7. Don't Know [Skip To Q48]
  9. Refused [Skip To Q48]
- Q46 And who performs the engine maintenance on the equipment we have discussed?
1. A dealer or small engine shop
  2. You or a staff member(s) employed by your business (an employee)
  3. Someone else, Specify>
  7. Don't Know
  9. Refused
- Q47 How often is engine maintenance performed on your business's equipment?
1. Per the manufacturer's recommended schedule
  2. Annually
  3. Only when it stops working or breaks
  4. On some other schedule, Specify>
  7. Don't Know
  9. Refused
- Q48 Have you or anyone at your business ever attempted to have your engines repaired under warranty?
1. Yes
  2. No [Skip To Q50]
  7. Don't Know [Skip To Q50]
  9. Refused [Skip To Q50]
- Q49 What repairs were performed? Please provide up to five examples.
1. Specify:
  7. Don't Know
  9. Refused
- Q50 Are you aware that emissions-related parts of gas-powered engines are covered for a minimum of 2 years under the emissions warranty?
1. Yes
  2. No
  7. Don't Know
  9. Refused
- Q51 To the best of your knowledge, have the engines on any of the pieces of equipment you've described to me ever been replaced?
1. Yes
  2. No [Skip To T4]
  7. Don't Know [Skip To T4]
  9. Refused [Skip To T4]

- [If Total Pieces Of Equipment > 5, Skip To Q53]
- Q52 For which pieces of equipment has the engine been replaced?
1. Specify Up To 5 Pieces>
  7. Don't Know
  9. Refused
- [Skip To T4]
- Q53 For approximately what percent of equipment would you say the engine has been replaced?
1. Specify Percentage>
  7. Don't Know
  9. Refused
- T4 Now I'd like to ask you some questions about future plans to purchase power equipment for your business.
- Q54 Does your business have plans to buy [If Any Q10  $\geq$  1 Or Q28  $\geq$ 1, "additional"] power lawn and garden or other outdoor power equipment in the next 12 months?
1. Yes
  2. No [Skip To Q54i]
  7. Don't Know [Skip To Q54i]
  9. Refused [Skip To Q54i]
- Q54a Will this equipment replace old equipment your business is getting rid of or will you add it to the equipment you already have?
1. Replacement
  2. Additional
  3. Both Replacement/Additional
  7. Don't Know
  9. Refused
- Q54b How many pieces of equipment does your business plan to purchase in the next 12 months?
1. Specify The Number Of Pieces>
  7. Don't Know
  9. Refused
- Q54c What type of equipment does your business plan to purchase in the next 12 months?
1. Specify Up To 6 Equipment Types>
  7. Don't Know [Skip To Q54i]
  9. Refused [Skip To Q54i]

[Cycle Through Q54d Through Q54g For Each Piece In Q54c, Otherwise Skip To Q54h]

Q54d And does your business plan to purchase an electric or gasoline-powered version of this equipment?

1. Electric
2. Gasoline Engine Powered
3. Other, Specify>
7. Don't Know
9. Refused

[If Q54d ≠ 1, Skip To Q54f]

Q54e And does your business plan to purchase a corded or cordless version of this equipment?

1. Corded
2. Cordless
7. Don't Know
9. Refused

[If Q54d = 1, Skip To Q54h]

Q54f To your knowledge, is this piece of equipment available in an electric version?

1. Yes
2. No [Skip To Q54h]
7. Don't Know
9. Refused

Q54g What factors might your business consider in deciding between an electric and engine-powered version of what it plans on purchasing? I'm going to read a few options. You can select more than one.

1. Cost
2. Power
3. The time the equipment will run before needing to fill the gas tank or recharge batteries
4. Comfort
5. Safety
6. Noise
7. Local or HOA restrictions
7. Some other factor, Specify
77. Don't Know
99. Refused

[If Q54a = 1 Or 3 Continue, Otherwise Skip To T5]

Q54h What will your business do with old equipment when it is replaced with the new equipment? Please select the most likely option.

1. Throw it in the trash
2. Recycle it
3. Give it away/sell it
4. Keep it
5. Do something else with it, Specify>
7. Don't Know
9. Refused

[If Q54c = 1, Skip To T5]

Q54i If your business were to purchase a piece of lawn and garden or outdoor power equipment, what factors might be considered in deciding between electric equipment and gas-powered equipment? I'm going to read a few options. You can select more than one.

1. Cost
2. Power
3. The time the equipment will run before needing to fill the gas tank or recharge batteries
4. Comfort
5. Safety
6. Noise
7. Local / HOA restrictions
7. Some other factor, Specify
77. Don't Know
99. Refused

T5 Finally, I have a few questions for you for descriptive purposes. As I mentioned before, all information you provide is completely confidential, and your name will not be connected to your responses in the final report created for this study.

Q55 Including the owner, how many people worked for your business in the past year?

1. Specify Number Of People> [Skip To Q56]
7. Don't Know
9. Refused

Q55a Would you say it is...

1. Fewer than five people
2. Five to nine people
3. 10 to 19 people
4. 20 to 49 people
5. 50 to 199 people
6. 200 people or more
7. Don't Know
9. Refused

Q56 We are trying to make sure we collect data from a diverse spectrum of businesses in the state. For this reason, I would like to ask you a question about the background of the people who work for your business. What percentage of the people who work for your business, including the owner are...

1. White, Specify Percent>  
Black, Specify Percent>  
Asian or Pacific Islander, Specify Percent>  
Hispanic or Latino, Specify Percent>  
Some other race, Specify Race And Percent> [Skip To Q58]
2. Respondent Prefers To Provide Number
7. Don't Know
9. Refused

Q57 Including the owner, how many of the people who work for your business are...

1. White, Specify Number>  
Black, Specify Number >  
Asian or Pacific Islander, Specify Number >  
Hispanic or Latino, Specify Number >  
Some other race, Specify Race And Number>
7. Don't Know
9. Refused

[Skip If Q55 < 3]

Q58 How many crews does your business have?

1. Specify Number Of Crews [Skip To Q60]
7. Don't Know
9. Refused

Q59 Would you say it is...

1. One to three crews
2. Four to six crews
3. Six to nine crews
4. 10 to 15 crews
5. More than 15 crews
7. Don't Know
9. Refused

Q60 What cities does your business provide services to?

1. Specify Cities [Up To 10]> [Skip To Q61]
7. Don't Know
9. Refused

Q60a What counties does your business provide services to?

1. Specify Counties [Up To 5]>
7. Don't Know
9. Refused

Q61 How many days per week does your business operate?

1. Specify Days Per Week>
7. Don't Know
9. Refused

Q62 I have one last question for you. Again, please be aware that this information will be used only for statistical purposes and will never be shared for your business specifically. Any files provided to any government agency will not identify your business in any way. Which of the following best describes your business?

1. Currently licensed
2. In the process of obtaining a license
3. Planning on obtaining a license in the near future
4. Other
7. Don't Know
9. Refused

CON That is the end of our survey. Thank you for your input. We greatly appreciate it.