

Populations, Activity and Emissions of Diesel Nonroad Equipment in EPA Region 7

Populations, Usage and Emissions of Diesel Nonroad Equipment in EPA Region 7 - Full Interview Appendix A

Assessment and Standards Division
Office of Transportation and Air Quality
U.S. Environmental Protection Agency

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Populations, Usage and Emissions of Diesel Nonroad Equipment in EPA Region 7
Full Interview
PSU 4& 5

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INTRO PHASE 01

Hello. May I speak with <FIRST NAME> <LAST NAME>? My name is _____ and I am calling on behalf of the Environmental Protection Agency. We are conducting a study with companies about the equipment used in their daily operations.

REPEAT INTRO ONLY IF REFERRED TO A MORE KNOWLEDGEABLE RESPONDENT

Hello, Mr./Ms. <FIRST NAME—DO NOT READ> <LAST NAME>? My name is _____ and I am calling on behalf of the Environmental Protection Agency. We are conducting a study with companies about the equipment used in their daily operations. IF NEEDED: Examples of the types of equipment that we're interested in include,

Loaders	Dozers	Generator sets
Cranes	Excavators	Backhoes
Paving/surfacing equipment	Backhoes	Forklifts
Graders	Off-highway trucks	

We would like to do a brief survey with you that lasts less than ten minutes. Your company was scientifically selected for this study. Your participation is voluntary and your name and company will not be connected with your answers in any way.

1. First, I would like to verify that your organization is <Establishment Name> and that your address is <Establishment Address>. Is this correct?

YES	01
NO	02
DK	08
RF	09

IF 'NO,' OBTAIN UPDATED ADDRESS OR ESTABLISHMENT NAME.

2. Now, I would like to verify that your organization's primary function is construction-related. Please specify whether you perform one or more of the following construction-related services.

NO CONSTRUCTION SERVICES	00
Building, developing and general contracting	01
Heavy construction	02
Special trade contractor	03
Concrete contractor	04
Water well drilling	05
Structural steel erection	06
Excavation	07
Wrecking and demolition	08
Machinery or equipment installation	09
OTHER (SPECIFY)	97
DK	98 TERMINATE 01
RF	99 TERMINATE 01

3. A. Within your organization, what percentage of your equipment runs on GASOLINE?

100%	01
Between 99% - 75%	02
Between 74% - 51%	03
Between 50% - 26%	04
Between 25% - 1%	05
Less than 1%	07
DK	08 ASK FOR MORE KNOWLEDGEABLE PERSON
RF	09 ASK FOR MORE KNOWLEDGEABLE PERSON

B. How about the percentage of your equipment that runs on DIESEL?

100%	01
Between 99% - 75%	02
Between 74% - 51%	03
Between 50% - 26%	04
Between 25% - 1%	05
Less than 1%	07 TERMINATE
DK	08 ASK FOR MORE KNOWLEDGEABLE PERSON
RF	09 ASK FOR MORE KNOWLEDGEABLE PERSON

INTERVIEWER PROBE, IF NEEDED: JUST TO CLARIFY, NOT EVEN 1 PIECE OF EQUIPMENT RUNS ON DIESEL IS THAT CORRECT?

4. Aside from owners, proprietors or partners, did your organization have one or more paid employees at any time during the last twelve months?

YES	01
NO	02 SKIP to Q.7

IF NECESSARY, CLARIFY THAT 'PAID EMPLOYEE' INCLUDES FULL OR PART TIME, PERMANENT, TEMPORARY OR SEASONAL EMPLOYEES.

5. How many paid employees work for your organization?

Specify Number	_____	SKIP to Q.7
DK → PROBE FOR BEST GUESS Q.6	99998	
RF → PROBE FOR BEST GUESS Q.6	99999	

6. I'm going to read you some numbers. Stop me when you think I get to the one that best describes your organization.

2 to 4 employees	01
5 to 9 employees	02
10 to 19 employees	03
20 to 49 employees	04
50 or more employees	05
DK	08
RF	09

7. Earlier you mentioned that you owned, rented or leased at least one piece of diesel equipment. About how many pieces of diesel equipment or machinery are used by your organization?

SPECIFY NUMBER

SKIP to Q.9

DK 99998

RF 99999

8. I'm going to read you some numbers. Stop me when you think I get to the one that best describes the number of equipment units or machines are used by your organization

1 to 4 pieces 01

5 to 9 pieces 02

10 to 19 pieces 03

20 to 49 pieces 04

50 or more pieces 05

DK 08

RF 09

9. Of the equipment you've told me about, does at least one piece have a 25-horsepower or larger engine?

YES 01

NO 02 Skip to Q11

DK 08

RF 09

10. Does at least one piece have a 50-horsepower or larger engine?

YES 01

NO 02

DK 08

RF 09

11. Do you buy any or have you bought any of the equipment that you use?

YES 01

NO 02 GO TO Q.13

DK 08 GO TO Q.13

RF 09 GO TO Q.13

12. When your company buys equipment, do you finance the purchase?

YES 01

NO 02

DK 08

RF 09

13. Would you say that your company is a prime contractor, a subcontractor, or both? (IF NEEDED: By "prime contractor" I mean that your company typically has a direct contract for an entire project; as the "prime contractor" you may, in turn, assign portions of the work to subcontractors.)

PRIME CONTRACTOR 01

SUBCONTRACTOR 02

BOTH 03

PROGRAMMER NOTE: FLAG SUBCONTRACTORS

<SCRIPT NOTE: END OF EOI. WHEN QUOTA ON INVENTORY RECRUITMENT (Q14-Q22 IS MET, INTERVIEW CAN QUIT HERE.>

. KEEP “COIN TOSS” RANDOM ASSIGNMENT (50/50) FOR INCENTIVE

IF FLAGGED FOR INCENTIVE, CONTINUE WITH THE FOLLOWING:

Thank you for cooperating with us and answering these questions. Now, we will continue onto the next part of the study. I want to let you know that we will be mailing your company a \$100 check. Ok....

<INTERVIEWER NOTE: IF NEEDED, READ EXACTLY: The \$100 check will be sent to your company regardless of your participation in the study. It's just for your consideration and not for participation.>

14-INTRO: FOR ALL RESPONDENTS:

To help EPA gather emissions data on diesel off-road equipment we'd like to list the equipment your company uses and then take measures on one or two pieces. This would involve sending a technical specialist to inventory the equipment at one of your worksites and scientifically selecting one or two pieces for instrumentation. Trained technicians would install the instrument before a workday begins and remove it after the workday ends. The process doesn't affect equipment performance in any way. And you or someone from your company are welcome to observe the installation.

14. A Do you have any questions about this phase of the study before I ask you just a few more questions?

| | |
|-----|----|
| YES | 01 |
| NO | 02 |
| DK | 08 |
| RF | 09 |

PROGRAMMER NOTE:

- NEED A DISPOSITION AT THIS POINT TO MONITOR RESPONDENT BAIL OUT RATE.

OK= Continue with rest of the survey KB= Call back SC= Refused to continue, short complete

14.B Is all of your equipment located at your company address <READ ADDRESS> or do you also have equipment located or in use at other work sites?

| | | |
|-------------------------------------|----|--------------|
| Equipment is all at company address | 01 | Skip to Q.17 |
| Equipment is at other work sites | 02 | |
| DK | 08 | |
| RF | 09 | |

IF Q14 = DK/RF (98 or 99) ASK FOR MORE KNOWLEDGEABLE PERSON AND REPEAT 14-INTRO, PREFACED WITH THE FOLLOWING:

Hello. My name is _____ and I am calling on behalf of the Environmental Protection Agency. We are conducting a study with construction companies about the off-road diesel equipment and machinery used in their daily operations. <INSERT NAME OF PREVIOUS RESPONDENT> has been participating with us on this study and has referred me to you as the person more knowledgeable about the equipment and machinery used by your company. Let me tell you about it. CONTINUE WITH 14-INTRO.

15. At how many sites or facilities do you have equipment stored or in operation?

ENTER NUMBER: _____
Range= 2-97

| | |
|----|----|
| DK | 98 |
| RF | 99 |

16. Okay, we would like to scientifically select one of those sites, list the equipment at the site, and select at least one piece of equipment for instrumentation. So that we can select the site what is the name of up to five sites or facilities where you have equipment stored or in operation?

Site #1: _

Site #2: _____

Site #3: _

Site #4: _

Site #5: _

INTERVIEWER AND PROGRAMMER: RANDOMLY SELECT ONE SITE AND TWO BACKUP SITES. READ TEXT BELOW AND THEN COLLECT ITEMS 17 – 22 ON EACH OF THE THREE SITES.

Thank you. We have -selected one site and two back up locations. I need to collect information on each of these sites.

17. We would like to inventory equipment at the <SITE DESCRIPTION>site. Is there someone at the site that we should contact to schedule an appointment and let know that we have permission to visit the site and inventory the equipment?

NO, I AM THE CONTACT

01 SKIP TO Q19.

YES

02

18. What is the name and phone number of this person(s)?

ENTER NAME1: _____

ENTER PHONE1: _____

ENTER NAME2: _____

ENTER PHONE2: _____

19. What would be the best times to contact < you or that person/them>?

ENTER TIME1: _____

ENTER TIME2: _____

20. At this site, do you have equipment operating around the clock, in shifts?

YES

01

NO

02

TERMINATION 02

DK/NOT CERTAIN

03

TERMINATION 02

21. Does the equipment operate more than one shift in a 24-hour period?

YES

01

NO

02

TERMINATION 02

DK/NOT CERTAIN

03

TERMINATION 02

22. Okay, what are the shifts that typically operate over a 24-hour period?

RECORD TIMES OF SHIFTS _____

TERMINATION 02

DK/NOT CERTAIN

TERMINATION 02

TERMINATION TEXT:

TERMINATION 01 (RESPONDENT IS NOT QUALIFIED). Thank you. Those are all the questions I have. We appreciate your taking time to help with this study.

TERMINATION 02 (RESPONDENT IS QUALIFIED). Thank you. In the next few days, a technical specialist will call to schedule a time to perform the inventory at <name of site>. We appreciate your taking time to help with this study.

