

**National Science Foundation Environmental Trends Survey  
Codebook (from SPSS)**

List of variables on the working file

Name (Position) Label

respnum\$ (1)

Measurement Level: Scale  
Column Width: 8 Alignment: Right  
Print Format: F9  
Write Format: F9

time\$ (2)

Measurement Level: Scale  
Column Width: 8 Alignment: Right  
Print Format: F6  
Write Format: F6

hello1 (3)

Hello, may I speak to someone in environmental health and safety? IF  
NOT: Then may I speak to someone in environmental m  
Measurement Level: Ordinal  
Column Width: 8 Alignment: Right  
Print Format: F1  
Write Format: F1

hello2 (4)

Hello, this is \_\_\_\_\_ calling from the University of Oregon Survey  
Research Laboratory. The National Science Foundation  
Measurement Level: Ordinal  
Column Width: 8 Alignment: Right  
Print Format: F1  
Write Format: F1

hello3 (5)

When the analyses are finished would you be interested in receiving a  
copy of our reports? 1 YES 2 NO --> SKIPTO OVER7  
Measurement Level: Ordinal  
Column Width: 8 Alignment: Right  
Print Format: F1  
Write Format: F1

over7 (6)

I would like to begin with some basic organizational data. Is your plant  
more than seven years old? 1 YES 2 NO --> SKI  
Measurement Level: Ordinal  
Column Width: 8 Alignment: Right  
Print Format: F1  
Write Format: F1

—

yrold (7)

What was the year your plant opened? NOTE: YEAR SHOULD BE 1993 OR EARLIER ENTER EXACT YEAR USING FOUR DIGITS FOR EXAMPLE

Measurement Level: Scale

Column Width: 8 Alignment: Right

Print Format: F8

Write Format: F8

moold (8)

What was the month and year your plant opened? NOTE: DATE SHOULD BE FEBRUARY 1993 OR LATER ENTER MONTH IN TWO DIGIT AND

Measurement Level: Scale

Column Width: 8 Alignment: Right

Print Format: F8

Write Format: F8

prnt (9) Do you have a parent company? 1 YES 2 NO --> SKIPTO PBLC2 7 REFUSED

Measurement Level: Ordinal

Column Width: 8 Alignment: Right

Print Format: F1

Write Format: F1

pblc1 (10) Is your parent company publicly traded? 1 YES 2 NO 7 REFUSED

Measurement Level: Ordinal

Column Width: 8 Alignment: Right

Print Format: F1

Write Format: F1

pblc2 (11) Is your company publicly traded? 1 YES 2 NO 7 REFUSED

Measurement Level: Ordinal

Column Width: 8 Alignment: Right

Print Format: F1

Write Format: F1

prof (12)

Does profit responsibility for operations lie with the plant manager? 1

YES 2 NO 7 REFUSED

Measurement Level: Ordinal

Column Width: 8 Alignment: Right

Print Format: F1

Write Format: F1

empnum0 (13)

In order to understand change over time, we would like an estimate of the number of employees at your plant for the last

Measurement Level: Scale

Column Width: 8 Alignment: Right

Print Format: F4

Write Format: F4

—

empnum9 (14)

How many manufacturing employees did your plant employ in 1999? PROBE:

Please try to estimate how many people were in ma  
Measurement Level: Scale  
Column Width: 8 Alignment: Right  
Print Format: F4  
Write Format: F4

empnum8 (15)

How many manufacturing employees did your plant employ in 1998? PROBE:

Please try to estimate how many people were in ma

Measurement Level: Scale  
Column Width: 8 Alignment: Right  
Print Format: F4  
Write Format: F4

empnum7 (16)

How many manufacturing employees did your plant employ in 1997? PROBE:

Please try to estimate how many people were in ma

Measurement Level: Scale  
Column Width: 8 Alignment: Right  
Print Format: F4  
Write Format: F4

empnum6 (17)

How many manufacturing employees did your plant employ in 1996? PROBE:

Please try to estimate how many people were in ma

Measurement Level: Scale  
Column Width: 8 Alignment: Right  
Print Format: F4  
Write Format: F4

empnum5 (18)

How many manufacturing employees did your plant employ in 1995? PROBE:

Please try to estimate how many people were in ma

Measurement Level: Scale  
Column Width: 8 Alignment: Right  
Print Format: F4  
Write Format: F4

empnum4 (19)

How many manufacturing employees did your plant employ in 1994? PROBE:

Please try to estimate how many people were in ma

Measurement Level: Scale  
Column Width: 8 Alignment: Right  
Print Format: F4  
Write Format: F4

—

inpar (20)

Now I would like to ask some questions about your facility's overall  
operations. Approximately what percentage of your f

Measurement Level: Ordinal  
Column Width: 8 Alignment: Right  
Print Format: F3

Write Format: F3

outpar (21)

What percentage of your facility's production is used by your parent and affiliates? PROBE: What percent of the dollar a

Measurement Level: Scale

Column Width: 8 Alignment: Right

Print Format: F3

Write Format: F3

outfor (22)

What percentage of your facility's production is intended for foreign markets? PROBE: What percentage of the your produc

Measurement Level: Scale

Column Width: 8 Alignment: Right

Print Format: F3

Write Format: F3

try (23)

Now I'm going to read you a number of statements. Using a scale of 1 to 5, with 1 being strongly agree and 5 being stron

Measurement Level: Ordinal

Column Width: 8 Alignment: Right

Print Format: F1

Write Format: F1

use (24)

Relative to our major competitors that manufacture in the U. S., we focus on using the latest technology in production.

Measurement Level: Ordinal

Column Width: 8 Alignment: Right

Print Format: F1

Write Format: F1

invest (25)

Relative to our major competitors that manufacture in the U. S., we focus on capital investment in new equipment and mac

Measurement Level: Ordinal

Column Width: 8 Alignment: Right

Print Format: F1

Write Format: F1

—

prod (26)

Relative to our major competitors that manufacture in the U. S., we have been a leader in introduction of \*\* product \*\*

Measurement Level: Ordinal

Column Width: 8 Alignment: Right

Print Format: F1

Write Format: F1

proc (27)

Relative to our major competitors that manufacture in the U. S., we have

been a leader in introduction of \*\* process \*\*

Measurement Level: Ordinal

Column Width: 8 Alignment: Right

Print Format: F1

Write Format: F1

iso9 (28)

Have you obtained ISO 9000 registration? 1 YES 2 NO --> SKIPTO ENVMAN1  
7 REFUSED

Measurement Level: Ordinal

Column Width: 8 Alignment: Right

Print Format: F1

Write Format: F1

iso92 (29)

In what month and year did you obtain ISO 9000 registration? ENTER MONTH  
IN TWO DIGIT AND YEAR IN FOUR DIGIT FORMAT: FOR

Measurement Level: Scale

Column Width: 8 Alignment: Right

Print Format: F8

Write Format: F8

fte (30)

Including yourself and all others, what is the number of full-time  
equivalent employees working on environmental quality

Measurement Level: Ordinal

Column Width: 8 Alignment: Right

Print Format: F3

Write Format: F3

envman1 (31)

Has your plant adopted a formal environmental management system? 1 YES  
2 NO --> SKIPTO MGRPERF 7 REFUSED

Measurement Level: Ordinal

Column Width: 8 Alignment: Right

Print Format: F1

Write Format: F1

—

envman2 (32)

In what month and year was your environmental management system  
finalized? ENTER MONTH IN TWO DIGIT AND YEAR IN FOUR DIGIT

Measurement Level: Scale

Column Width: 8 Alignment: Right

Print Format: F8

Write Format: F8

equip (33)

Again using a scale of 1 - 5, with one indicating strongly agree and  
five indicating strongly disagree, please tell us h

Measurement Level: Ordinal

Column Width: 8 Alignment: Right

Print Format: F1

Write Format: F1

design (34)

Environmental quality managers are included in discussions about fundamental design issues impacting the facility. PROBE

Measurement Level: Ordinal

Column Width: 8 Alignment: Right

Print Format: F1

Write Format: F1

process (35)

Environmental quality managers are included in discussions about potential process modifications. PROBE: On a scale of 1

Measurement Level: Ordinal

Column Width: 8 Alignment: Right

Print Format: F1

Write Format: F1

alloc (36)

Environmental quality managers are included in discussions about the general allocation of resources available at the fa

Measurement Level: Ordinal

Column Width: 8 Alignment: Right

Print Format: F1

Write Format: F1

compl (37)

Environmental quality managers are included in discussions about how the facility can best respond to ongoing competitiv

Measurement Level: Ordinal

Column Width: 8 Alignment: Right

Print Format: F1

Write Format: F1

–

comp2 (38)

Environmental quality managers are included in discussions of long-term competitive plans for the facility. PROBE: On a

Measurement Level: Ordinal

Column Width: 8 Alignment: Right

Print Format: F1

Write Format: F1

report (39)

Now I would like to ask you a series of questions about basic environmental policies at your facility Does the top enviro

Measurement Level: Ordinal

Column Width: 8 Alignment: Right

Print Format: F1

Write Format: F1

envperf (40)

Is part of the salary or other compensation of the plant's environmental

quality manager explicitly tied to environmental  
Measurement Level: Ordinal  
Column Width: 8 Alignment: Right  
Print Format: F1  
Write Format: F1

mngprf (41)

Is part of the salary or other compensation of the plant's manager  
explicitly tied to environmental performance? 1 YES  
Measurement Level: Ordinal  
Column Width: 8 Alignment: Right  
Print Format: F1  
Write Format: F1

epa3350 (42)

Does your plant participate in the EPA 33/50 ("Thirty three  
fifty") Program? 1 YES 2 NO --> SKIPTO CLEANER 7 REFUSED  
Measurement Level: Ordinal  
Column Width: 8 Alignment: Right  
Print Format: F1  
Write Format: F1

date335 (43)

In what year and month did your facility join the 33/50 ("Thirty three  
fifty") Program? ENTER MONTH IN TWO DIGIT AND YEA  
Measurement Level: Ordinal  
Column Width: 8 Alignment: Right  
Print Format: F8  
Write Format: F8

—

cleaner (44)

Again using a scale of 1 - 5, with one indicating strongly agree and  
five indicating strongly disagree, please respond t  
Measurement Level: Ordinal  
Column Width: 8 Alignment: Right  
Print Format: F1  
Write Format: F1

mod (45)

We modify existing processes at this facility to make them cleaner.  
PROBE: On a scale of 1 - 5, with one indicating stro  
Measurement Level: Ordinal  
Column Width: 8 Alignment: Right  
Print Format: F1  
Write Format: F1

prorec (46)

We utilize in-process recycling and recovery at this facility. PROBE: On  
a scale of 1 - 5, with one indicating strong ag  
Measurement Level: Ordinal  
Column Width: 8 Alignment: Right  
Print Format: F1

Write Format: F1

iso141 (47)

Now I would like to ask a few questions about the ISO 14001 ("fourteen thousand one") environmental standards and your v

Measurement Level: Ordinal

Column Width: 8 Alignment: Right

Print Format: F1

Write Format: F1

iso142 (48)

In what month and year did you receive that registration? ENTER MONTH IN TWO DIGIT AND YEAR IN FOUR DIGIT FORMAT: FOR EX

Measurement Level: Ordinal

Column Width: 8 Alignment: Right

Print Format: F8

Write Format: F8

iso143 (49)

Are you in the process of ISO 14001 ("fourteen thousand one") registration? 1 YES 2 NO --> SKIPTO ISO1420 7 REFUSED

Measurement Level: Ordinal

Column Width: 8 Alignment: Right

Print Format: F1

Write Format: F1

—

iso144 (50)

Once again using a scale of 1 - 5, with one indicating strongly agree and five indicating strongly disagree, please rate

Measurement Level: Ordinal

Column Width: 8 Alignment: Right

Print Format: F1

Write Format: F1

iso145 (51)

Pressure or expected pressure from regulators led to adoption of ISO 14001 ("fourteen thousand one") standards. PROBE: H

Measurement Level: Ordinal

Column Width: 8 Alignment: Right

Print Format: F1

Write Format: F1

iso146 (52)

Even though there may be no tangible benefits, registration demonstrates that we are in step with beliefs in the industr

Measurement Level: Ordinal

Column Width: 8 Alignment: Right

Print Format: F1

Write Format: F1

iso147 (53)

We expect tangible environmental benefits in complying with regulations.



PROBE: How strongly do you agree or disagree th  
Measurement Level: Ordinal  
Column Width: 8 Alignment: Right  
Print Format: F1  
Write Format: F1

iso147a (54)

We expect tangible environmental benefits, in both complying with regulations and exceeding them. PROBE: How strongly do  
Measurement Level: Ordinal  
Column Width: 8 Alignment: Right  
Print Format: F1  
Write Format: F1

iso148 (55)

We expect tangible economic benefits (from adopting ISO 14001 standards). PROBE: How strongly do you agree or disagree t  
Measurement Level: Ordinal  
Column Width: 8 Alignment: Right  
Print Format: F1  
Write Format: F1

—

iso148a (56)

We expect tangible competitive advantages(from adopting ISO 14001 standards). PROBE: How strongly do you agree or disagr  
Measurement Level: Ordinal  
Column Width: 8 Alignment: Right  
Print Format: F1  
Write Format: F1

iso149 (57)

Registration indicates conformance with industry norms and not necessarily ecological or economic value-added. PROBE: Ho  
Measurement Level: Ordinal  
Column Width: 8 Alignment: Right  
Print Format: F1  
Write Format: F1

iso1410 (58)

Our parent directed us to seek registration. PROBE: How strongly do you agree or disagree that this was a reason for ado  
Measurement Level: Ordinal  
Column Width: 8 Alignment: Right  
Print Format: F1  
Write Format: F1

iso1411 (59)

We expect that ISO 14001 will become a standard in our industry. PROBE:  
How strongly do you agree or disagree that this  
Measurement Level: Ordinal  
Column Width: 8 Alignment: Right  
Print Format: F1

Write Format: F1

iso1412 (60)

ISO 14001 registration will assist us in entering foreign markets.

PROBE: How strongly do you agree or disagree that thi

Measurement Level: Ordinal

Column Width: 8 Alignment: Right

Print Format: F1

Write Format: F1

iso1413 (61)

ISO 14001 registration will reduce environmental risk. PROBE: How strongly do you agree or disagree that this was a reas

Measurement Level: Ordinal

Column Width: 8 Alignment: Right

Print Format: F1

Write Format: F1

—

iso1414 (62)

On the same scale of 1 - 5, please respond to how the following statements describe the implementation of ISO 14001 at y

Measurement Level: Ordinal

Column Width: 8 Alignment: Right

Print Format: F1

Write Format: F1

iso1415 (63)

Managers from departments other than environmental quality attended meetings on ISO 14001 implementation. PROBE: How str

Measurement Level: Ordinal

Column Width: 8 Alignment: Right

Print Format: F1

Write Format: F1

iso1416 (64)

Manufacturing employees (other than management) from departments other than environmental quality received written mater

Measurement Level: Ordinal

Column Width: 8 Alignment: Right

Print Format: F1

Write Format: F1

iso1417 (65)

Manufacturing employees (other than management) from departments other than environmental quality attended meetings on I

Measurement Level: Ordinal

Column Width: 8 Alignment: Right

Print Format: F1

Write Format: F1

iso1418 (66)

Please estimate for us the time, in months, from decision to proceed

with (ISO 14001 registration) to receiving registra  
Measurement Level: Ordinal  
Column Width: 8 Alignment: Right  
Print Format: F2  
Write Format: F2

iso1419 (67)

Please estimate the person-months associated with achieving  
registration. ENTER EXACT NUMBER 996 96 OR MORE 997 REFUSE  
Measurement Level: Scale  
Column Width: 8 Alignment: Right  
Print Format: F3  
Write Format: F3

—

iso1420 (68)

Once again using a scale of one to five, with one indicating strongly  
agree and five indicating strongly disagree, pleas  
Measurement Level: Ordinal  
Column Width: 8 Alignment: Right  
Print Format: F1  
Write Format: F1

iso1421 (69)

We did not see the economic benefits from registration. PROBE: How  
strongly do you agree or disagree that this is a reas  
Measurement Level: Ordinal  
Column Width: 8 Alignment: Right  
Print Format: F1  
Write Format: F1

iso1422 (70)

No customer has required us to be certified yet. PROBE: How strongly do  
you agree or disagree that this is a reason for  
Measurement Level: Ordinal  
Column Width: 8 Alignment: Right  
Print Format: F1  
Write Format: F1

iso1423 (71)

Our current system provides the benefits of registration without the  
costs. PROBE: How strongly do you agree or disagree  
Measurement Level: Ordinal  
Column Width: 8 Alignment: Right  
Print Format: F1  
Write Format: F1

iso1424 (72)

We are concerned about sensitive information entering the public domain.  
PROBE: How strongly do you agree or disagree th  
Measurement Level: Ordinal  
Column Width: 8 Alignment: Right  
Print Format: F1

Write Format: F1

iso1425 (73)

We feel that registration does not provide true environmental benefits.

PROBE: How strongly do you agree or disagree tha

Measurement Level: Ordinal

Column Width: 8 Alignment: Right

Print Format: F1

Write Format: F1

—

iso1427 (74)

Have you reached another environmental management standard? 1 YES 2 NO

--> SKIPTO ISO1430 7 REFUSED

Measurement Level: Ordinal

Column Width: 8 Alignment: Right

Print Format: F1

Write Format: F1

iso1429 (75)

In what month and year did you achieve that standard? ENTER MONTH AND YEAR IN TWO DIGIT FORMAT: FOR EXAMPLE: 01/96 9997

Measurement Level: Ordinal

Column Width: 8 Alignment: Right

Print Format: F8

Write Format: F8

iso1430 (76)

Are you pursuing another environmental management standard? 1 YES 2 NO

--> SKIPTO ISO1433 7 REFUSED

Measurement Level: Ordinal

Column Width: 8 Alignment: Right

Print Format: F1

Write Format: F1

iso1432 (77)

In what month and year do you expect to achieve that standard? ENTER MONTH TWO DIGIT AND YEAR IN FOUR DIGIT FORMAT: FOR

Measurement Level: Ordinal

Column Width: 8 Alignment: Right

Print Format: F8

Write Format: F8

iso1433 (78)

This is the final section of our survey. Here, I will provide a series of statements about how **\*\*your industry\*\*** views

Measurement Level: Ordinal

Column Width: 8 Alignment: Right

Print Format: F1

Write Format: F1

iso1434 (79)

Customers believe that a facility is an environmental leader if it

acquires ISO 14001 registration. PROBE: How strongly  
Measurement Level: Ordinal  
Column Width: 8 Alignment: Right  
Print Format: F1  
Write Format: F1

—

iso1435 (80)

Non-registered facilities may lose business to competitors that are  
registered. PROBE: How strongly do you agree or disa  
Measurement Level: Ordinal  
Column Width: 8 Alignment: Right  
Print Format: F1  
Write Format: F1

iso (81)

ISO 14001 registration is a factor in customer purchasing decisions.  
PROBE: How strongly do you agree or disagree with t  
Measurement Level: Ordinal  
Column Width: 8 Alignment: Right  
Print Format: F1  
Write Format: F1

iso1437 (82)

Regulators are pleased when facilities undergo ISO 14001 registration.  
PROBE: How strongly do you agree or disagree with  
Measurement Level: Ordinal  
Column Width: 8 Alignment: Right  
Print Format: F1  
Write Format: F1

iso1438 (83)

Regulators view ISO 14001 registration as a best practice. PROBE: How  
strongly do you agree or disagree with this statem  
Measurement Level: Ordinal  
Column Width: 8 Alignment: Right  
Print Format: F1  
Write Format: F1

iso1439 (84)

Regulators will provide incentives for facilities to undergo ISO 14001  
registration. PROBE: How strongly do you agree or  
Measurement Level: Ordinal  
Column Width: 8 Alignment: Right  
Print Format: F1  
Write Format: F1

iso1440 (85)

If a facility is registered, regulatory relations will improve. PROBE:  
How strongly do you agree or disagree with this s  
Measurement Level: Ordinal  
Column Width: 8 Alignment: Right  
Print Format: F1

Write Format: F1

—

iso1441 (86)

ISO 14001 registration is portrayed positively in the business press.

PROBE: How strongly do you agree or disagree with

Measurement Level: Ordinal

Column Width: 8 Alignment: Right

Print Format: F1

Write Format: F1

iso1442 (87)

A facility may get "good press" for undergoing ISO 14001 registration.

PROBE: How strongly do you agree or disagree with

Measurement Level: Ordinal

Column Width: 8 Alignment: Right

Print Format: F1

Write Format: F1

iso1443 (88)

The prevalence of ISO 14001 registration in this industry is increasing.

PROBE: How strongly do you agree or disagree wi

Measurement Level: Ordinal

Column Width: 8 Alignment: Right

Print Format: F1

Write Format: F1

iso1444 (89)

ISO 14001 is becoming the standard in this industry. PROBE: How strongly do you agree or disagree with this statement? 1

Measurement Level: Ordinal

Column Width: 8 Alignment: Right

Print Format: F1

Write Format: F1

iso1445 (90)

As others in its industry register, an unregistered facility will be more likely to register. PROBE: How strongly do you

Measurement Level: Ordinal

Column Width: 8 Alignment: Right

Print Format: F1

Write Format: F1

iso1446 (91)

As more and more facilities undergo ISO 14001 registration, those facilities that haven't yet registered will feel press

Measurement Level: Ordinal

Column Width: 8 Alignment: Right

Print Format: F1

Write Format: F1

—

iso1447 (92)

ISO 14001 registration will help a facility sell its products in some foreign countries. PROBE: How strongly do you agree

Measurement Level: Ordinal

Column Width: 8 Alignment: Right

Print Format: F1

Write Format: F1

iso1448 (93)

Trade barriers may confront products from non-ISO 14001 facilities.

PROBE: How strongly do you agree or disagree with th

Measurement Level: Ordinal

Column Width: 8 Alignment: Right

Print Format: F1

Write Format: F1

iso1449 (94)

Facilities experience real environmental improvement via ISO 14001 registration. PROBE: How strongly do you agree or dis

Measurement Level: Ordinal

Column Width: 8 Alignment: Right

Print Format: F1

Write Format: F1

iso1450 (95)

ISO 14001 registration assists facilities in improving environmental performance. PROBE: How strongly do you agree or di

Measurement Level: Ordinal

Column Width: 8 Alignment: Right

Print Format: F1

Write Format: F1

iso1451 (96)

ISO 14001 registration represents a good environmental investment for a facility. PROBE: How strongly do you agree or di

Measurement Level: Ordinal

Column Width: 8 Alignment: Right

Print Format: F1

Write Format: F1

city (97)

Measurement Level: Nominal

Column Width: 13 Alignment: Left

Print Format: A13

Write Format: A13

st (98)

Measurement Level: Ordinal

Column Width: 8 Alignment: Right

Print Format: F4

Write Format: F4

sick (99)

Measurement Level: Ordinal

Column Width: 8 Alignment: Right

Print Format: F4

Write Format: F4

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