

## **Appendix B**

### **OS&H Workforce Assessment Provider Survey Instrument**

Thank you for your willingness to help us in this important project designed to determine critical training needs for future professionals in occupational safety and health.

If there is someone else in your organization who would be a more knowledgeable respondent for this survey, we ask that you forward the letter or email containing the User ID and password to that individual.

If more than one individual is needed to complete the survey, we ask that you work together in to provide information that is as complete as possible.

If you have any questions, please contact Westat toll-free at 1-xxx-xxx-xxxx (or by email: xxxxxx@Westat.com).

Public reporting of this collection of information is estimated to average 22 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and compiling and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a current valid OMB control number. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to CDC/ATSDR Information Collection Review Office, 1600 Clifton Road NE, MS D-74, Atlanta, Georgia 30333; ATTN: PRA (10-10AA).

## Overview

This page provides information about: *(each of these bullets will be bookmarked to the relevant section below)*

- How to navigate through the survey
- When are your answers saved
- How to clear your answers
- How to print the survey and/or your responses
- The three ways to leave the survey: Exit, Timeout, and Submit
- Where you can get help if you have additional questions

### How to navigate through the survey

Each page of the survey has two buttons that allow you move forward and backward through the pages of the survey. They are the “Previous Page” and “Next Page” buttons. On most pages, these buttons appear at both the top and the bottom of the page. You can change your responses as often as you like, and you can revisit sections of the survey as often as you like.

### When are your answers saved?

Your answers are saved each time you move to a new page, go back to an earlier page, or exit the survey by clicking on “Save & Exit”. If you click on the X in your browser window to exit the survey, your responses on the current page will not be saved. If you need to leave the survey before you have completed it, always click on the “Save & Exit” button that appears on each page of the survey.

### The three ways to leave the survey: Exit, Timeout, and Submit

#### Exit

You do not have to complete the survey in one sitting. If you wish to exit the survey to return at a later time, all you have to do is click on the “Save & Exit” button and all your responses will be saved. However, your survey will not be considered complete until you “submit” it (see Submit section below).

#### Timeout

After 25 minutes of inactivity (that is, you haven’t interacted with the survey in 25 minutes), you will be given a “timeout” warning. After you get this warning, you’ll have 5 minutes to resume activity or you will be timed out. If you are timed out, new or changed responses to the questions on your current page will not be saved.

### **Submit**

After you have navigated through the last section of the survey, you will be taken to a Finish page. If you have left any questions blank, you will be notified of this and you will be given the opportunity to go back and fill in missing answers. If you are satisfied that you are done with the survey, you will be instructed to click on the “Submit Survey” button, and this will complete your participation. Once you have clicked on this button, your survey is considered complete and you will not be able to access the survey online again.

### **How to print the survey and/or your responses**

There are two ways to print the survey and/or your responses. To print the entire survey, including any answers you might have already entered, click on the “Print” button which appears at both the top and the bottom of most pages. To print just the page you are on, please use your browser’s print button.

### **Where you can get help if you have additional questions**

If you have any questions, please email us at [xxxxxxx@westat.com](mailto:xxxxxxx@westat.com). You can also call us toll-free at 1-xxx-xxx-xxxx.

**NOTE: Occupational Medicine Program began with Page 9. All others began with this page.**

It is our understanding that your program currently offers a degree or concentration in [OSH AREA].

We have a short series of questions about this program, and your expectations for the future.

For purposes of this survey, please consider your program to consist of all of the training offered within (OSH AREA), including

- Training at both the undergraduate and graduate levels;
- Training funded by NIOSH (if applicable), as well as training not funded by NIOSH;
- Both traditional classroom-based training and online-based training.

Q1. Which of the following educational levels does your program offer for (OSH AREA)?

*Mark all that apply*

- Bachelor's degree Q1BAC =1 if checked
- Master's degree Q1MAS =1 if checked
- Doctoral degree Q1DOC =1 if checked

Q2. How many students do you expect will graduate from your program in 2011 with a:

[NOTE: Screen will show only the degrees marked above; others grayed out]

- a. Bachelor's degree/concentration in (OSH AREA)? \_\_\_\_\_ Q2BAC (2 CHARS)
- b. Master's degree/concentration in (OSH AREA)? \_\_\_\_\_ Q2MAS (2 CHARS)
- c. Doctoral degree/concentration in (OSH AREA)? \_\_\_\_\_ Q2DOC (2 CHARS)

Q3. How many students, in total, do you expect will graduate from your program in the next five years (2011 to 2015) with a:

[NOTE: Screen will show only the degrees marked above; others grayed out]

Total Over

- a. Bachelor's degree/concentration in (OSH AREA)? \_\_\_\_\_ Q2BAC (3 CHARS)
- b. Master's degree/concentration in (OSH AREA)? \_\_\_\_\_ Q3MAS (3 CHARS)
- c. Doctoral degree/concentration in (OSH AREA)? \_\_\_\_\_ Q3DOC (3 CHARS)

#### Q4

Q4. Over the last 5 years, has the number of students entering your program to earn degrees in (OSH AREA) increased, decreased, or remained about the same?

- Increased =1 → Q4b
  - Decreased =2 → Q4b.
  - Remained about the same =3
- Q4b. By approximately what percent, cumulatively, over 5 years? \_\_\_\_\_  
**Q4B** (3 CHARS; ALLOW 0 TO 100)

#### Q5

Q5. Over the last 5 years, has the quality (e.g., test scores, motivation, dedication) of students applying to your program to earn degrees in (OSH AREA) increased, decreased, or remained about the same?

- Increased =1
- Decreased =2
- Remained about the same =3

Q6. What obstacles (if any) exist at your institution for the typical student who may wish to study (OSH AREA)?

*Check all that apply* (**NOTE:** If first choice is checked, then others must be grayed out)

- No obstacles Q6NONE =1 if checked
- Financial Q6FINAN =1 if checked
- Job prospects Q6PROSP =1 if checked
- Lack of knowledge of the program Q6KNOW =1 if checked
- Program rigor Q6RIGOR =1 if checked
- Other obstacles Q6OTHER =1 (Please specify): \_\_\_\_\_ Q6SPEC (60 CHARS)

#### Q7A

Q7a [**NOTE: ASK ONLY IF BACHELOR'S MARKED IN QUESTION 1**] Approximately what percent of graduates obtain a job in (OSH AREA) within two years of leaving your program with a Bachelor's degree in (OSH AREA)?

\_\_\_\_\_ percent (3 CHARS; ALLOW 0 TO 100)

#### Q7B

Q7b [**ASK IF MASTER'S OR HIGHER DEGREE MARKED IN QUESTION 1**] Approximately what percent of graduates obtain a job in (OSH AREA) within two years of leaving your program with a Master's or higher degree in (OSH AREA)?

\_\_\_\_\_ percent (3 CHARS; ALLOW 0 TO 100)

Q7c Thinking about your program graduates who have obtained jobs over the last few years, approximately what percent of your graduates have gone to work within the following economic sectors?

(FOR ALL VARIABLES: 3 CHARS; ALLOW 0 TO 100)

Government:	_____ %	Q7CGOV
OS&H Consulting Services:	_____ %	Q7CCON
Manufacturing:	_____ %	Q7CMAN
Mining:	_____ %	Q7CMIN
Construction:	_____ %	Q7CCNST
Transportation, Warehousing, Utilities:	_____ %	Q7CTRAN
Agriculture, Forestry & Fishing:	_____ %	Q7CAGR
Health Care & Social Services:	_____ %	Q7CHLTH
Wholesale or Retail trade	_____ %	Q7CTRAD
Educational Services:	_____ %	Q7CEDUC
Other sectors:	_____ %	Q7COTH
<b>TOTAL</b>	<b>100 %</b>	

### Q8

Q8. Over the last 5 years, has the level of general (recurring) funding from your university/college for training in (OSH AREA) increased, decreased, or remained about the same?

- Increased =1
- Decreased =2
- Remained about the same =3

### Q9

Q9. Over the last 5 years, has your program received funding from any source outside the university for the support of students in (OSH AREA)? (Yes=1, No=2)

- Yes → Please list the major sources of this funding:\_\_\_\_\_ Q9SOURC (60CHARS)
- No → Skip to Q11

### Q10

Q10. Over the last 5 years, has the level of funding from outside sources for the support of students in (OSH AREA) increased, decreased, or remained about the same?

- Increased =1
- Decreased =2
- Remained about the same =3

Q11. How many faculty members trained in (OSH AREA) or a related area does your program currently employ?

Full-time faculty:	_____	Q11FULL (2 CHARS; ALLOW 0-25)
Part-time/adjunct faculty:	_____	Q11PART (2 CHARS; ALLOW 0-25)

**Q12**

Q12. How many full-time faculty members trained in (OSH AREA) or a related area do you expect your program will hire over the next 5 years?

\_\_\_\_\_ (2 CHARS; ALLOW 0-25)

**Q13**

Q13. How many full-time faculty members trained in (OSH AREA) or a related area do you expect will retire or leave the profession over the next 5 years?

\_\_\_\_\_ (2 CHARS; ALLOW 0-25)

**Q14**

Q14. Does your program in (OSH AREA) offer students an internship or other practice experience?

- Yes =1
- No =2

**NOTE:** SKIP TO THE [ACCREDITATION SECTION](#) ON PAGE 12

## NOTE: QUESTIONS SPECIFIC TO OCCUPATIONAL MEDICINE PROGRAMS

It is our understanding that your program currently offers a degree or concentration in Occupational Medicine.

We have a short series of questions about this program, and your expectations for the future.

For purposes of this survey, please consider your program to consist of all of the training offered within (OSH AREA), including

- Training funded by NIOSH (if applicable), as well as training not funded by NIOSH;
- Both traditional classroom-based training and online-based training.

### OMQ1

Q1. How many students do you expect will complete your Occupational Medicine program in 2011?

\_\_\_\_\_ (2 CHARS; ALLOW 0-99)

### OMQ2

Q2. How many students, in total, do you expect will complete your program in the next five years (2011 to 2015)?

\_\_\_\_\_ TOTAL OVER 5 YEARS (3 CHARS; ALLOW 0-500)

### OMQ3

Q3. Over the last 5 years, has the number of students entering your Occupational Medicine program increased, decreased, or remained about the same?

- Increased =1 → Q3b
  - Decreased =2 → Q3b.
  - Remained about the same =3
- Q3b. By approximately what percent, cumulatively, over 5 years? \_\_\_\_\_
- OMQ3B** (3 CHARS; ALLOW 0 TO 100)

### OMQ4

Q4. Over the last 5 years, has the quality (e.g., test scores, motivation, dedication) of students applying to your Occupational Medicine program increased, decreased, or remained about the same?

- Increased =1
- Decreased =2
- Remained about the same =3

Q5. What obstacles (if any) exist at your institution for the typical student who may wish to study Occupational Medicine? *Check all that apply*

(NOTE: If first choice is checked, then others must be grayed out)

- No obstacles Q5NONE =1 if checked
- Financial Q5FINAN =1 if checked
- Job prospects Q5PROSP =1 if checked
- Lack of knowledge of the program Q5KNOW =1 if checked
- Program rigor Q5RIGOR =1 if checked
- Other obstacles Q5OTHER =1 (Please specify): \_\_\_\_\_ Q5SPEC (60 CHARS)

### OMQ6A

Q6a. Approximately what percent of graduates obtain board certification in Occupational Medicine after leaving your program?

\_\_\_\_\_ percent (3 CHARS; ALLOW 0 TO 100)

### OMQ6B

Q6b. Approximately what percent of graduates obtain a job in Occupational Medicine within two years of leaving your program?

\_\_\_\_\_ percent (3 CHARS; ALLOW 0 TO 100)

Q6c Thinking about the last few years, approximately what percent of your graduates have obtained jobs within the following economic sectors?

(FOR ALL VARIABLES: 3 CHARS; ALLOW 0 TO 100)

Government:	_____ %	OMCGOV
OS&H Consulting Services:	_____ %	OMCCON
Manufacturing:	_____ %	OMCMAN
Mining:	_____ %	OMCMIN
Construction:	_____ %	OMCCNST
Transportation, Warehousing, Utilities:	_____ %	OMCTAN
Agriculture, Forestry & Fishing:	_____ %	OMCAGR
Health Care & Social Services:	_____ %	OMCHLTH
Wholesale or Retail trade	_____ %	OMCTRAD
Educational Services:	_____ %	OMCEDUC
Other sectors:	_____ %	OMCOTH
<b>TOTAL</b>	<b>100 %</b>	

### OMQ7

Q7. Over the last 5 years, has the level of general (recurring) funding from your university/college for training in Occupational Medicine increased, decreased, or remained about the same?

- Increased =1
- Decreased =2
- Remained about the same =3

**OMQ8**

Q8. Over the last 5 years, has your program received funding from any source outside the university for the support of students in Occupational Medicine? (Yes=1, No=2)

- Yes → Please list the major sources of this funding:\_\_\_\_\_ OMQ8SOURC (60CHARS)
- No → Skip to Q10

**OMQ9**

Q9. Over the last 5 years, has the level of funding from outside sources for the support of students in Occupational Medicine increased, decreased, or remained about the same?

- Increased =1
- Decreased =2
- Remained about the same =3

Q10. How many faculty members trained in Occupational Medicine or a related area does your program currently employ?

Full-time faculty: \_\_\_\_\_ OMQ10FUL (2 CHARS; ALLOW 0-25)  
Part-time/adjunct faculty: \_\_\_\_\_ OMQ10PAR (2 CHARS; ALLOW 0-25)

**OMQ11**

Q11. How many full-time faculty members trained in Occupational Medicine or a related area do you expect your program will hire over the next 5 years?

\_\_\_\_\_ (2 CHARS; ALLOW 0-25)

**OMQ12**

Q12. How many full-time faculty members trained in Occupational Medicine or a related area do you expect will retire or leave the profession over the next 5 years?

\_\_\_\_\_ (2 CHARS; ALLOW 0-25)

**NOTE:** OCCUPATIONAL MEDICINE PROGRAMS WILL SKIP TO THE CONTINUING EDUCATION SECTION ON THE LAST PAGE

**Accreditation**

**NOTE:** OCCUPATIONAL MEDICINE PROGRAMS WILL NOT BE ASKED THIS SECTION

**ACQ1**

Q1. Is any of your program’s training in (OSH AREA) accredited? If so, please indicate by whom:

- (Yes=1, Some=2, No=3) By whom?
- Yes, all of this training is accredited →
  - Some of the training is accredited → \_\_\_\_\_
  - No, none of this training is accredited ACWHOM (60 CHARS)

**NOTE:** IF Q2 INDICATES THAT AT LEAST SOME TRAINING FOR OSH AREA HAS RECEIVED PROGRAM-SPECIFIC ACCREDITATION (CODE 1 OR 2), THEN RESPONDENT WILL BE SKIPPED TO CONTINUING EDUCATION SECTION ON NEXT PAGE

Q2. What are the reasons why you have not obtained program-specific accreditation in (OSH AREA)?

*Mark all that apply*

- It is too expensive ACQ2EXP
- It requires too much work ACQ2WORK
- It offers too little value ACQ2VAL
- There is no accreditation organization for (OSH AREA) ACQ2NONE
- Other reason (please specify): \_\_\_\_\_  
ACQ2OTH ACQ2SPEC (80 CHARS)

## Continuing Education

### CEQ1

Q1. Does your program offer Continuing Education courses on topics related to (OSH AREA):

- Yes =1
- No =2 (SKIP TO END BELOW)

### CEQ2

Q2. How many people do you anticipate will take Continuing Education courses offered by your program during 2011 on topics related to (OSH AREA)?

\_\_\_\_\_ (3 CHARS; ALLOW 0-999)

### CEQ3

Q3. Over the last 5 years, has the number of attendees in your Continuing Education courses in these areas increased, decreased, or remained about the same?

- Increased =1
- Decreased =2
- Remained about the same =3
- Our CE courses in this area are too new =4

### CEQ4

Q4. Trends Observed: We would like to know about important trends you have noticed in Continuing Education (with respect to needs, format, offerings, locations, etc.). What are the most important trends that you have seen?

\_\_\_\_\_ (160 CHARS)

### CEQ5

Q5. Changes Anticipated: What important changes do you anticipate making in your Continuing Education program over the next 5 to 10 years?

\_\_\_\_\_ (160 CHARS)

## END

Thank you for your responses to this survey. We have only two more questions for you...

## **TRENDS**

Q1. Trends Observed: We would like to know how the occupational safety and health professions have been changing. What are the most important trends that you have seen?

\_\_\_\_\_ (240 CHARS)

## **CHANGES**

Q2. Changes Needed: What important changes do you anticipate making in your occupational safety and health training programs over the next 5 to 10 years?

\_\_\_\_\_ (240 CHARS)