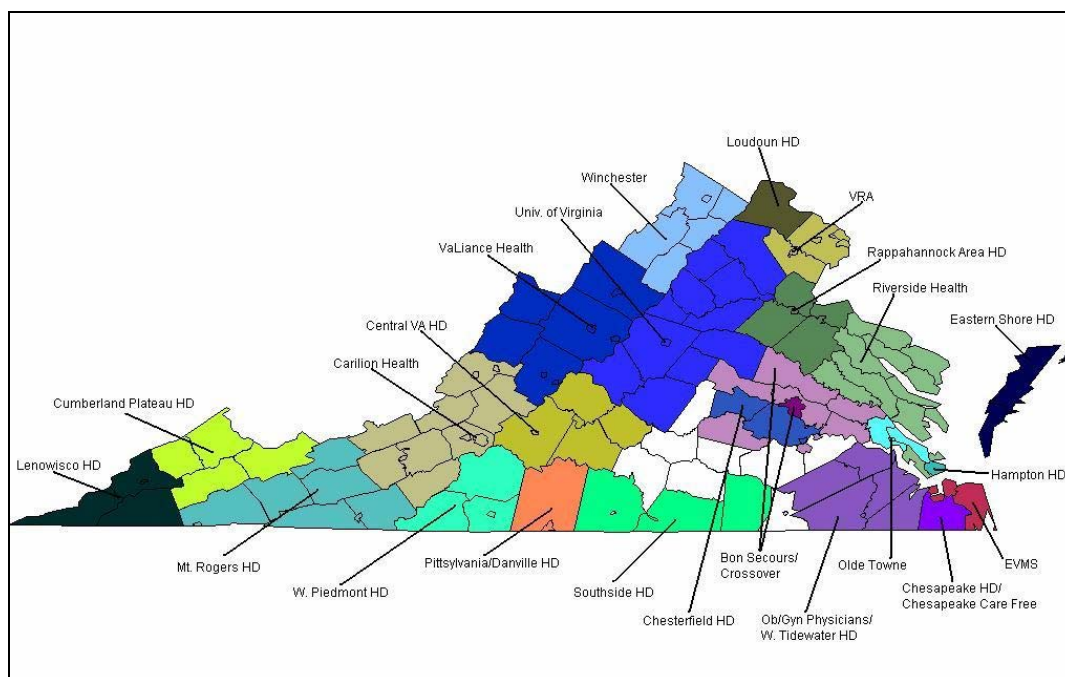


# ***Breast and Cervical Cancer Early Detection Program (BCCEDP)***

## ***Every Woman's Life (EWL)***

### ***Professional Education Survey: Report of Findings***



***June 2004***

***Prepared by:  
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Survey and Evaluation Research Laboratory***

## **EXECUTIVE SUMMARY**

The Virginia Department of Health's Breast and Cervical Cancer Early Detection Program / Every Woman's Life Program (VDH's BCCEDP / EWLP) contracted with the Survey and Evaluation Research Laboratory at Virginia Commonwealth University to collect information from providers about their professional education interests. The *BCCEDP / EWLP Professional Education Survey*, completed by 69% (n=188) of the sample of 273 physicians, nurse practitioners, registered nurses, and others working in BCCEDP / EWLP provider sites, yielded valuable information about professional education needs.

### *Employment Characteristics.....*

- 38% of the respondents were registered nurses (n=72), 27% were nurse practitioners (n=50), and 19% were physicians (n=35).
- 53% of respondents worked in local health departments (n=100), 19% worked in family medicine practices (n=35), and 10% worked in OB/GYN practices (n=19).
- 49% of the respondents had worked at their current practice location for more than six years.

### *Services provided.....*

- The most frequently provided services were patient education (68%), clinical breast exams (44%), and Pap tests (41%). The least frequently provided services were colposcopy (7%), eligibility determination (21%), and community outreach / public education (30%).

### *Professional Education Information.....*

- Approximately 40% of respondents reported participating in professional education activities within the past year on topics specific to breast and cervical cancer.
- Overall, the most preferred method for receiving professional education was one-day conference or seminars (46%). This was consistent across professions (physicians, nurse practitioner, and registered nurses). The least preferred method was self-study packets with interactive CD-ROM (2%).
- With regard to breast and cervical cancer, the most frequently referenced topic area of interest, among all respondents, was current research developments with regard to screening and diagnosis. Differences were noted by profession. For example, registered nurses identified current research with regard to breast cancer treatment as the most desired professional education topic. With regard to cervical cancer, nurse practitioners identified understanding pathology reports as their most preferred professional education topic.

### *Computer Access, Hardware, and Software*

- 95% of respondents reported having a computer for professional use. Doctors were less likely to have a computer for professional use than nurse practitioners and registered nurses (91% versus 96% and 97% respectively).
- The vast majority of respondents reported having Internet access, Internet Explorer, a CD drive, a printer, and access to Microsoft Word. Fewer respondents reported having Microsoft PowerPoint and a DVD drive.
- Four different Windows operating systems were equally represented across respondents.

### *Computing Skills*

- Most respondents reported an ability to independently send and receive e-mail and surf the Internet. Fewer respondents reported independently being able to use word processing applications, save files, download files, and/or send e-mail attachments.

### *Past Computer Use for Professional Education*

- 67% of respondents reported having used a computer at some point in the past for self-directed professional education. Physicians were most likely to have used a computer in the past for self-directed professional education. Registered nurses were least likely.
- Respondents working in local health departments were least likely to have used a computer in the past for self-directed professional education.

### *Future Computer Use for Professional Education*

- 84% of respondents reported that they were interested in using a computer in the future for self-directed professional education. Physicians were most interested followed by nurse practitioners and then registered nurses.
- Respondents working in local health departments were least likely to report wanting to use a computer in the future for self-directed professional education. Those in OB/GYN settings were most likely to report wanting to use a computer in the future for self-directed professional education.
- The majority prefer an interactive program whereby the user selects options and provides answers throughout the course of the activity rather than a non-interactive program that contains reference materials and readings. This finding was consistent across physicians, nurse practitioners, and registered nurses and across practice locations.

## **Recommendations**

The *BCCEDP / EWLP Professional Education Survey* yielded interesting findings that can be used by VDH to plan future professional education opportunities for BCCEDP / EWLP providers. Based on the findings, the following recommendations are made:

1. Professional education should be tailored to meet the needs of different types of professionals. Physicians, and to a lesser degree nurse practitioners, preferred topics related to breast and cervical cancer screening and diagnosis. Registered nurses preferred topics related to breast and cervical cancer treatment.
2. Many respondents reported having experience participating in computer-based professional education. VDH may seek input from providers with such experience when designing future professional education opportunities.
3. Computer access is not a barrier to computer-based professional education. However, some individuals will need technical assistance with performing functions such as file downloads. Also, any computer-based professional education application should be compatible with a wide range of Windows operating systems.
4. When designing computer-based professional education applications, they should be interactive in nature.

## OVERVIEW

The Virginia Department of Health's Breast and Cervical Cancer Early Detection Program / Every Woman's Life Program (VDH's BCCEDP / EWLP) contracted with the Survey and Evaluation Research Laboratory (SERL) at Virginia Commonwealth University to collect information from providers within the program about their professional education interests. The *BCCEDP / EWLP Professional Education Survey*, developed collaboratively by VDH and SERL, consisted of a number of close-ended questions focused on profession and practice location, educational topics of interest in the areas of breast and cervical cancer, extent of computer access and computer skills, and the desirability to participate in computer-based professional education opportunities in the future. The *BCCEDP / EWLP Professional Education Survey* can be found as Appendix A.

The *BCCEDP / EWLP Professional Education Survey* was mailed to 273 physicians, nurse practitioners, registered nurses, and others working in BCCEDP / EWLP provider sites.<sup>1,2</sup> In addition, in order to maximize the response rate, the survey was made available via the Internet. SERL received a total of 183 completed surveys via the mail and 5 completed surveys via the Internet for an overall response rate of 69%.<sup>3,4</sup> Response rate varied by profession from a low of 50% for physicians to a high of 76% for nurse practitioners.

The remainder of this document provides a summary of the *BCCEDP / EWLP Professional Education Survey* results. Appendix B contains detailed data tables. VDH will use the findings from this study to plan future professional education opportunities that are responsive to the needs and interests of BCCEDP / EWLP providers.

### **Employment Characteristics of the Respondents**

*In terms of profession.....*

- 38% of the respondents were registered nurses (n=72).
- 27% of the respondents were nurse practitioners (n=50).
- 19% of the respondents were physicians (n=35).
- The remaining 16% of the respondents (n=30) were comprised of case managers, health educators, social workers, licensed practical nurses, medical assistants, or certified nurse assistants.

*In terms of work location.....*

- 53% of respondents worked in local health departments (n=100).
- 19% of respondents worked in family medicine practices (n=35).
- 10% of respondents worked in OB/GYN practices (n=19).
- The remaining 18% of respondents (n=34) worked in academia, free clinics, adult care facilities, community health centers, private practice, or hospitals.

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<sup>1</sup> VDH provided SERL with the sample.

<sup>2</sup> The *BCCEDP / EWLP Professional Education Survey* was conducted using a three-wave mailing. A prenotification was mailed and then, one week later, the survey was mailed with a cover letter and a postage-paid return envelope. A reminder postcard was sent to the entire sample approximately seven to ten days thereafter. Approximately one week later, non-respondents were mailed a second copy of the survey along with a cover letter and a postage-paid return envelope.

<sup>3</sup> Six sites preferred to receive one packet with multiple surveys enclosed. Since the recipients of these surveys were unknown, they are not included in the calculation of response rate.

<sup>4</sup> Nine individuals were determined to be ineligible for study participation. Examples include bad addresses and individuals who are no longer employed at the provider site.

## Employment Characteristics of the Respondents (con't)

*In terms of work tenure.....*

- 49% of the respondents had worked at their current practice location for more than six years; the remainder reported working at their current practice location for six years or less.

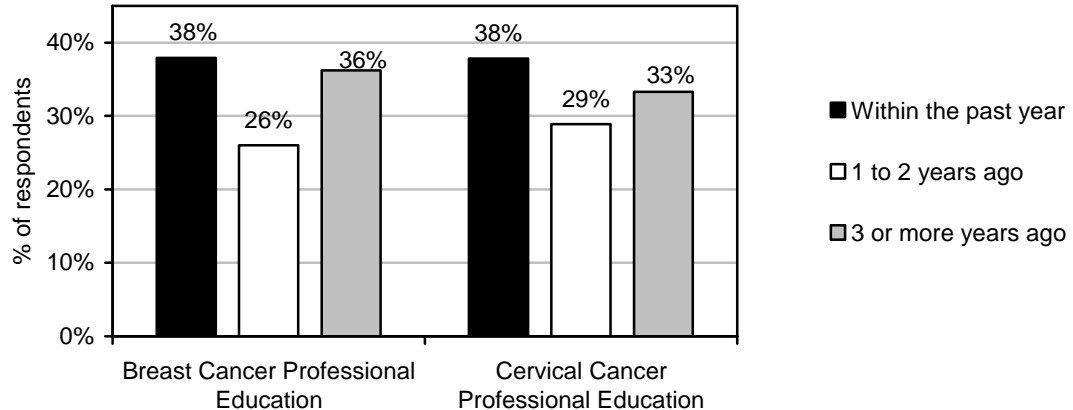
## Services Provided by Respondents

*In terms of services provided.....*

- The most frequently provided services were patient education (68%), clinical breast exams (44%), and Pap tests (41%).
- The least frequently provided services were colposcopy (7%), eligibility determination (21%), and community outreach / public education (30%).

## Professional Education in the Areas of Breast and Cervical Cancer

*The time since last participating in professional education was similar for both breast and cervical cancer.*



*Overall, the most preferred method for receiving professional education was one-day conference or seminars (46%). The least preferred method was self-study packets with interactive CD-ROM (2%).*

- Physicians (31%), nurse practitioners (55%), and registered nurses (48%) all preferred one-day conferences or seminars over any other method of professional education.
- Physicians also preferred multi-day conference and seminars (23%) and brief workshops or lectures lasting one to two hours (23%).

## Professional Education Topics of Interest

Breast Cancer Topics of Interest among All Respondents (n=188)

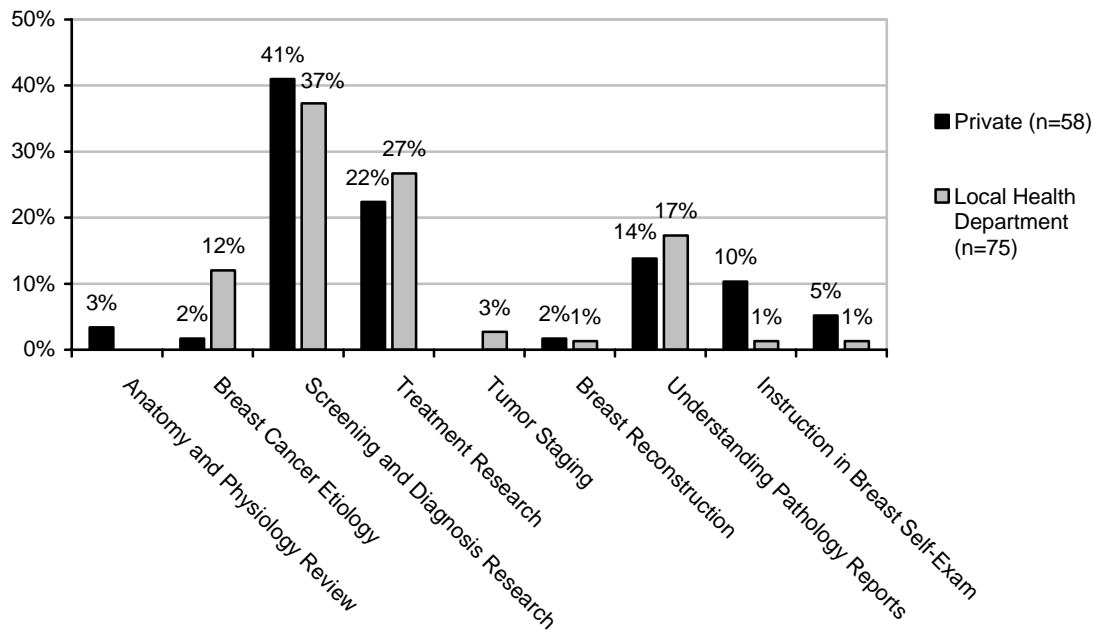
	Number of Respondents	Percent
• Current research developments with regard to breast cancer screening and diagnosis	143	76%
• Current research with regard to breast cancer treatment	120	64%
• Review of breast cancer etiology	99	53%
• Understanding pathology reports	99	53%
• Tumor staging	74	39%
• Instruction in teaching breast self-examination to patients	54	29%
• Review of anatomy and physiology of the breast	52	28%
• Breast reconstruction	47	25%

NOTE: Respondents were instructed to "check all that apply." Counts within categories are unduplicated and counts across categories are duplicated.

The most preferred topic related to breast cancer varied by profession and practice location.

- 62% of physicians and 51% of nurse practitioners identified current research developments with regard to breast cancer screening and diagnosis as their most preferred professional education topic.
- 37% of registered nurses identified current research with regard to breast cancer treatment as their most preferred professional education topic.

### Preferred Breast Cancer Topics by Practice Location



## Professional Education Topics of Interest (con't)

Cervical Cancer Topics of Interest among All Respondents (n=188)

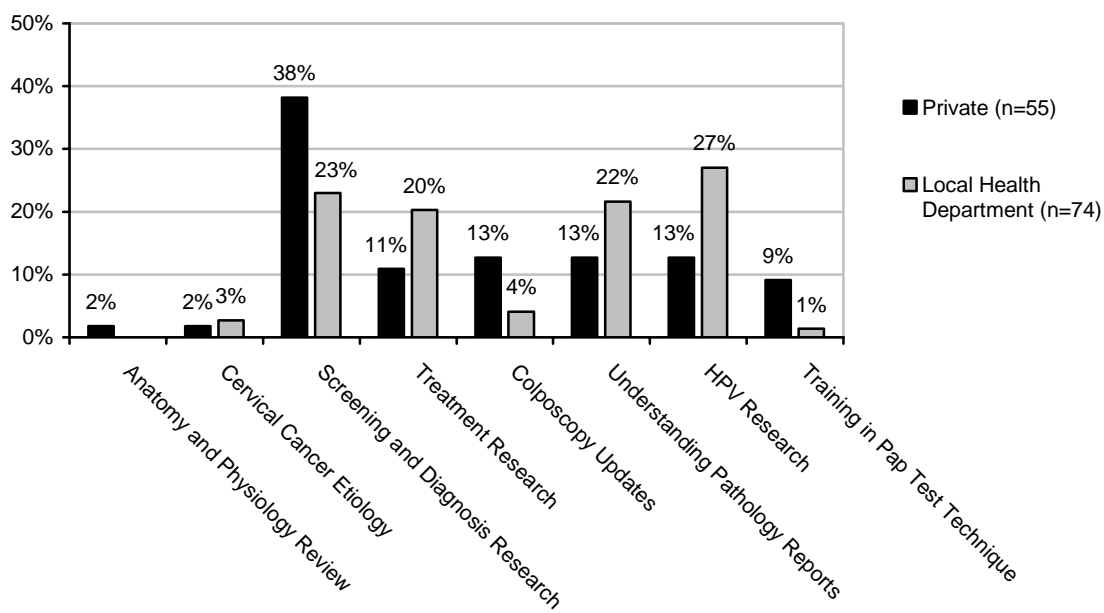
	Number of Respondents	Percent
• Current research developments with regard to cervical cancer screening and diagnosis	140	75%
• Current research on human papilloma virus	131	70%
• Current research with regard to cervical cancer treatment	114	61%
• Colposcopy updates	97	52%
• Understanding pathology reports	97	52%
• Review of cervical cancer etiology	92	49%
• Tumor staging	65	35%
• Review of anatomy and physiology of the cervix	47	25%
• Training in Pap test technique	36	19%

NOTE: Respondents were instructed to "check all that apply." Counts within categories are unduplicated and counts across categories are duplicated.

The most preferred topic related to cervical cancer varied by profession.

- 60% of physicians identified current research developments with regard to cervical cancer screening and diagnosis as their most preferred professional education topic.
- 30% of nurse practitioners identified understanding pathology reports as their most preferred professional education topic.
- 27% of registered nurses identified current research with regard to human papilloma virus as their most preferred professional education topic.

### Preferred Cervical Cancer Topics by Practice Location



## Professional Education Topics of Interest (con't)

Other Topics of Interest among All Respondents (n=188)

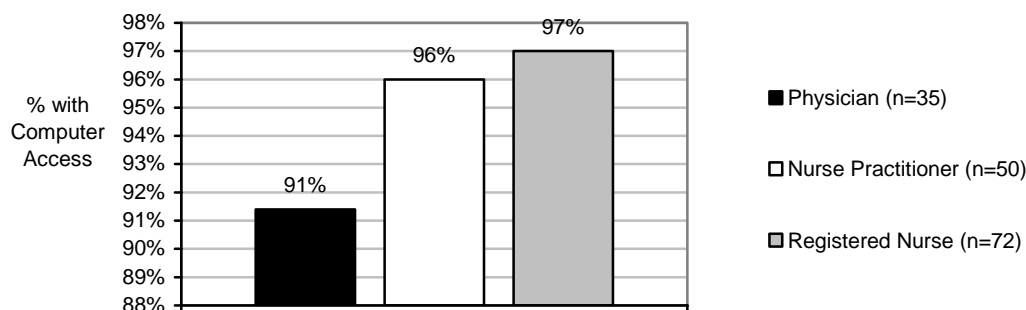
	Number of Respondents	Percent
• Helping motivate clients to practice / adopt healthy behaviors	97	52%
• Legal and ethical issues in cancer management	84	45%
• CDC / BCCEDP clinical protocols for breast and cervical cancer screening and diagnosis	77	41%
• Overcoming cultural and/or communication barriers in the clinical setting	73	39%
• Documentation and using correct terminology	64	34%
• Basic epidemiological concepts for cancer control	53	28%
• Risk management and continuous quality improvement	44	23%
• Case management	38	20%
• Grant writing and work plan development	38	20%
• CDC / BCCEDP quality indicators	35	19%
• Medicaid application through the Breast and Cervical Cancer Treatment Act	35	19%

NOTE: Respondents were instructed to "check all that apply." Counts within categories are unduplicated and counts across categories are duplicated.

- Physicians (32%) and nurse practitioners (28%) identified CDC / BCCEDP clinical protocols for breast and cervical cancer screening and diagnosis as their most preferred professional education topic.
- Registered nurses identified legal and ethical issues in cancer management (20%) and helping motivate clients to practice / adopt healthy behaviors (20%) as their most preferred professional education topics.

## Computer Access and Use

- 95% of respondents reported having a computer that can be used for professional purposes.
- Doctors were less likely to have a computer for professional use than nurse practitioners and registered nurses.



### **Computer Access and Use (con't)**

- 85% of respondents with computer access indicated that the computer was at their work setting.
- Of those reporting to have computer access, 98% indicated that they have a PC / IBM computer (i.e., Dell, Gateway, Compaq, HP, etc.).
  - 15% used Windows 95
  - 27% used Windows 98
  - 23% used Windows 2000
  - 27% used Windows XP

### **Computer Hardware and Software**

*Respondents were asked what type of computer hardware and software they had available.....*

	Yes	Percent
• Internet access	173	99%
• Internet Explorer	171	98%
• CD drive	164	97%
• Printer	165	97%
• Microsoft Word	163	95%
• Microsoft PowerPoint	94	58%
• DVD drive	48	31%

### **Computing Skills**

*Respondents were asked to rank their computing skills.....*

	Can do alone	Can do with help	No idea how to do
• Sending / receiving e-mail	98%	2%	-----
• Surf the Internet	90%	10%	<1%
• Use word processing applications	72%	19%	9%
• Save files to hard drive, CD, or disk	69%	24%	7%
• Download files	68%	28%	5%
• Send e-mail attachments	65%	27%	8%

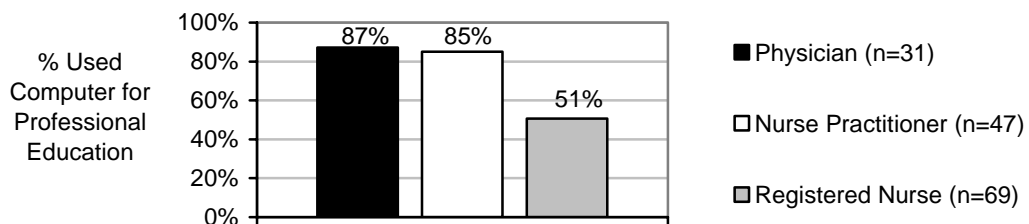
## Computing Skills (con't)

Physicians, nurse practitioners, and registered nurses varied in their ability to independently perform computer skills.

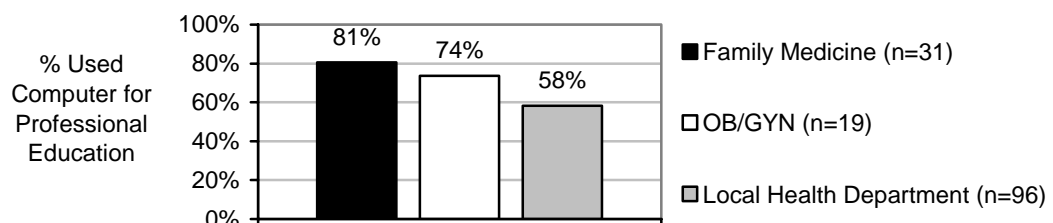
	Percent Performing Computer Skill Independently		
	Physician	Nurse Practitioner	Registered Nurse
• Using word processing applications	83%	75%	64%
• Surf the Internet	90%	94%	87%
• Download files	84%	72%	59%
• Sending / receiving e-mail	94%	100%	97%
• Sending e-mail attachments	71%	74%	60%
• Save files to hard drive, CD, or disk	77%	79%	60%

## Past Computer Use for Professional Education

- 67% of respondents reported having used a computer at some point in the past for self-directed professional education.
- Physicians were most likely to have used a computer in the past for self-directed professional education. Registered nurses were least likely.

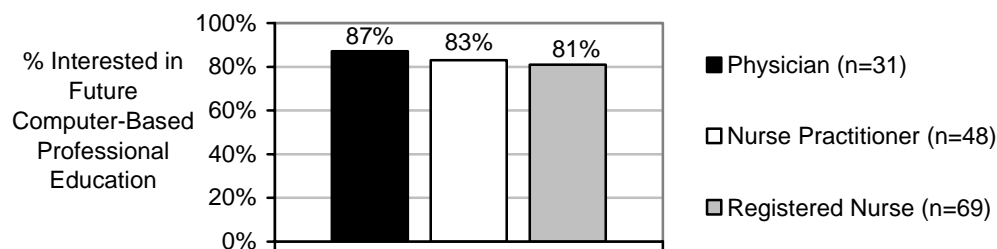


- Respondents working in local health departments were least likely to have used a computer in the past for self-directed professional education.

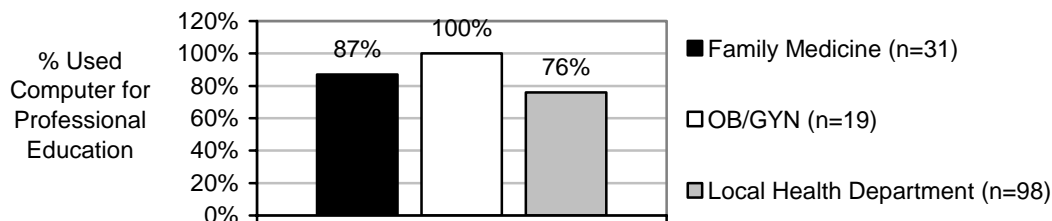


### Future Computer Use for Professional Education

- 84% of respondents reported that they were interested in using a computer in the future for self-directed professional education. Physicians were most interested followed by nurse practitioners and then registered nurses.



- Respondents working in local health departments were least likely to report wanting to use a computer in the future for self-directed professional education. Those in OB/GYN settings were most likely to report wanting to use a computer in the future for self-directed professional education.



- The majority prefer an interactive program whereby the user selects options and provides answers throughout the course of the activity rather than a non-interactive program that contains reference materials and readings. This finding was consistent across physicians, nurse practitioners, and registered nurses and across practice sites.

## Recommendations

The *BCCEDP / EWLP Professional Education Survey* yielded interesting findings that can be used by VDH to plan future professional education opportunities for BCCEDP / EWLP providers. Based on the findings, the following recommendations are made:

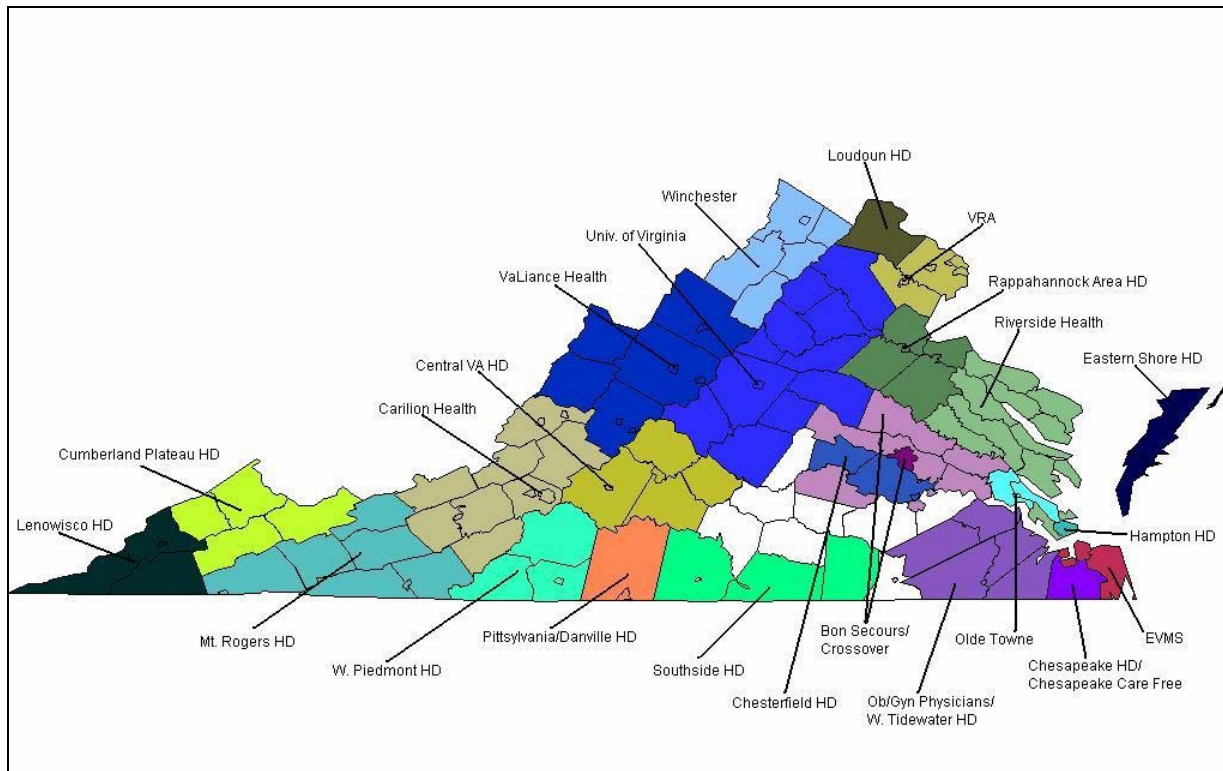
1. Professional education should be tailored to meet the needs of different types of professionals. Physicians, and to a lesser degree nurse practitioners, preferred topics related to breast and cervical cancer screening and diagnosis. Registered nurses preferred topics related to breast and cervical cancer treatment.
2. Many respondents reported having experience participating in computer-based professional education. VDH may seek input from providers with such experience when designing future professional education opportunities.
3. Computer access is not a barrier to computer-based professional education. However, some individuals will need technical assistance with performing functions such as file downloads. Also, any computer-based professional education application should be compatible with a wide range of Windows operating systems.
4. When designing computer-based professional education applications, they should be interactive in nature.

# *Appendix A*

## *Breast and Cervical Cancer Early Detection Program (BCCEDP)*

### *Every Woman's Life (EWL)*

### *Professional Education Survey*



*Spring 2004*

*Virginia Commonwealth University  
Survey and Evaluation Research Laboratory*

**Breast and Cervical Cancer Early Detection Program (BCCEDP) / Every Woman's Life (EWL)  
Professional Education Survey**

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**SECTION I: GENERAL INFORMATION:**

1. Which best describes you? Check one only:

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> <sup>1</sup> Physician             | <input type="checkbox"/> <sup>4</sup> Registered Nurse (RN)          | <input type="checkbox"/> <sup>7</sup> Health Educator |
| <input type="checkbox"/> <sup>2</sup> Physician's Assistant | <input type="checkbox"/> <sup>5</sup> Licensed Practical Nurse (LPN) | <input type="checkbox"/> <sup>8</sup> Other: _____    |
| <input type="checkbox"/> <sup>3</sup> Nurse Practitioner    | <input type="checkbox"/> <sup>6</sup> Case Manager or Social Worker  |   |

2. Which best describes the type of practice you work in? Check one only:

- |   |   |   |   |
|---|---|---|---|
| <input type="checkbox"/> <sup>1</sup> Family Medicine   | <input type="checkbox"/> <sup>3</sup> OB/GYN    | <input type="checkbox"/> <sup>5</sup> Pathology | <input type="checkbox"/> <sup>7</sup> Local health department |
| <input type="checkbox"/> <sup>2</sup> Internal Medicine | <input type="checkbox"/> <sup>4</sup> Radiology | <input type="checkbox"/> <sup>6</sup> Surgery   | <input type="checkbox"/> <sup>8</sup> Other: _____            |

3. Currently, which of the following services do you personally deliver to *BCCEDP clients*? Check all that apply:

- |   |   |
|---|---|
| <input type="checkbox"/> <sup>1</sup> Eligibility determination             | <input type="checkbox"/> <sup>6</sup> Clinical breast exams |
| <input type="checkbox"/> <sup>2</sup> Case management                       | <input type="checkbox"/> <sup>7</sup> Pap tests             |
| <input type="checkbox"/> <sup>3</sup> Patient tracking and follow-up        | <input type="checkbox"/> <sup>8</sup> Colposcopy            |
| <input type="checkbox"/> <sup>4</sup> Patient education                     | <input type="checkbox"/> <sup>9</sup> Bimanual pelvic exam  |
| <input type="checkbox"/> <sup>5</sup> Community outreach / public education | <input type="checkbox"/> <sup>10</sup> None of the above    |

4. How long have you worked at your current practice location? Check one only:

- |  |  |  |   |
|--|--|--|---|
| <input type="checkbox"/> <sup>1</sup> Less than 1 year | <input type="checkbox"/> <sup>2</sup> 1 to 3 years | <input type="checkbox"/> <sup>3</sup> 4 to 6 years | <input type="checkbox"/> <sup>4</sup> More than 6 years |
|--|--|--|---|

**SECTION II: CONTINUING EDUCATION INFORMATION**

5. How long has it been since you last participated in a continuing education activity specific to *breast cancer* screening, diagnosis, and/or treatment? Check one only:

- |  |  |   |
|--|--|---|
| <input type="checkbox"/> <sup>1</sup> Within the past year | <input type="checkbox"/> <sup>2</sup> 1 to 2 years ago | <input type="checkbox"/> <sup>3</sup> 3 or more years ago |
|--|--|---|

6. How long has it been since you last participated in a continuing education activity specific to *cervical cancer* screening, diagnosis, and/or treatment? Check one only:

- |  |  |   |
|--|--|---|
| <input type="checkbox"/> <sup>1</sup> Within the past year | <input type="checkbox"/> <sup>2</sup> 1 to 2 years ago | <input type="checkbox"/> <sup>3</sup> 3 or more years ago |
|--|--|---|

7. What method of continuing education do you *MOST* prefer? Check one only:

- <sup>1</sup> One-day conference or seminar
- <sup>2</sup> Multi-day conference or seminar
- <sup>3</sup> Brief workshop, lecture, or small group activity (1-2 hour duration)
- <sup>4</sup> Self-study using professional journals and/or other scholarly publications
- <sup>5</sup> Self-study packet with videotape or audiotape
- <sup>6</sup> Self-study packet with interactive CD-ROM
- <sup>7</sup> Teleconferences
- <sup>8</sup> Internet-based continuing education activities
- <sup>9</sup> Other: \_\_\_\_\_

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**SECTION II: CONTINUING EDUCATION INFORMATION (con't)**

8. In terms of BREAST CANCER, please indicate the areas for which you would like to have future continuing education opportunities. Check all that apply.

- 1 Review of anatomy and physiology of the breast
- 2 Review of breast cancer etiology
- 3 Current research developments with regard to breast cancer screening and diagnosis
- 4 Current research with regard to breast cancer treatment
- 5 Tumor staging
- 6 Breast reconstruction
- 7 Understanding pathology reports
- 8 Instruction in teaching breast self-examination to patients
- 9 Other: \_\_\_\_\_

→ ***OF ALL THE ITEMS YOU CHECKED ABOVE, CIRCLE THE ONE TOPIC FOR WHICH YOU WOULD MOST LIKE TO HAVE CONTINUING EDUCATION OPPORTUNITIES WITH REGARD TO BREAST CANCER.***

9. In terms of CERVICAL CANCER, please indicate the areas for which you would like to have future continuing education opportunities. Check all that apply.

- 1 Review of anatomy and physiology of the cervix
- 2 Review of cervical cancer etiology
- 3 Current research developments with regard to cervical cancer screening and diagnosis
- 4 Current research with regard to cervical cancer treatment
- 5 Colposcopy updates
- 6 Tumor staging
- 7 Understanding pathology reports
- 8 Current research on human papilloma virus
- 9 Training in Pap test technique
- 10 Other: \_\_\_\_\_

→ ***OF ALL THE ITEMS YOU CHECKED ABOVE, CIRCLE THE ONE TOPIC FOR WHICH YOU WOULD MOST LIKE TO HAVE CONTINUING EDUCATION OPPORTUNITIES WITH REGARD TO CERVICAL CANCER.***

10. For which of the following additional areas would you like to have continuing education opportunities? Check all that apply.

- 1 Risk management and continuous quality improvement
- 2 CDC / BCCEDP quality indicators
- 3 Documentation and using correct terminology
- 4 Case management
- 5 Basic epidemiological concepts for cancer control
- 6 CDC / BCCEDP clinical protocols for breast and cervical cancer screening and diagnosis
- 7 Medicaid application through the Breast and Cervical Cancer Treatment Act
- 8 Legal and ethical issues in cancer management
- 9 Overcoming cultural and/or communication barriers in the clinical setting
- 10 Helping motivate clients to practice / adopt healthy behaviors
- 11 Grant writing and work plan development
- 12 Other: \_\_\_\_\_

→ ***OF ALL THE ITEMS YOU CHECKED ABOVE, CIRCLE THE ONE TOPIC YOU WOULD MOST LIKE TO HAVE ADDRESSED AS A CONTINUING EDUCATION OPPORTUNITY.***

**SECTION III: COMPUTER ACCESS & USE**

11. Do you have a computer that you can use for professional purposes? Check one only:

<sup>1</sup> Yes ↴

<sup>2</sup> No →

Thank you for completing this survey. Please return it in the envelope provided.

12. Where is the computer that you would use *most often* for professional purposes located? Check one only:

<sup>1</sup> Home

<sup>2</sup> Work

<sup>3</sup> Other: \_\_\_\_\_

*The following questions pertain to the computer that you would use most often for professional purposes.*

13. What type of computer do you have? Check one only:

<sup>1</sup> PC/IBM (i.e., Dell, Gateway, IBM, Compaq, Toshiba, HP, etc.)

<sup>2</sup> Apple / MAC

↳ What version of Windows do you have? Check one only:

<sup>1</sup> Windows 95

<sup>2</sup> Windows 98

<sup>3</sup> Windows 2000

<sup>4</sup> Windows XP

<sup>5</sup> Don't know

<sup>6</sup> Other: \_\_\_\_\_

14. Does your computer have the following?

a) Internet access

<sup>1</sup> Yes

<sup>2</sup> No

<sup>3</sup> Don't know

b) CD drive

<sup>1</sup> Yes

<sup>2</sup> No

<sup>3</sup> Don't know

c) DVD drive

<sup>1</sup> Yes

<sup>2</sup> No

<sup>3</sup> Don't know

d) Printer

<sup>1</sup> Yes

<sup>2</sup> No

<sup>3</sup> Don't know

e) Internet Explorer

<sup>1</sup> Yes

<sup>2</sup> No

<sup>3</sup> Don't know

f) Microsoft Word

<sup>1</sup> Yes

<sup>2</sup> No

<sup>3</sup> Don't know

g) Microsoft PowerPoint

<sup>1</sup> Yes

<sup>2</sup> No

<sup>3</sup> Don't know

15. How would you rate your computer competency in the following areas?

a) Use word processing applications

<sup>1</sup> Can do alone

<sup>2</sup> Can do with help

<sup>3</sup> No idea how to do

b) Surf the Internet

<sup>1</sup> Can do alone

<sup>2</sup> Can do with help

<sup>3</sup> No idea how to do

c) Download files

<sup>1</sup> Can do alone

<sup>2</sup> Can do with help

<sup>3</sup> No idea how to do

d) Sending / receiving e-mail

<sup>1</sup> Can do alone

<sup>2</sup> Can do with help

<sup>3</sup> No idea how to do

e) Send e-mail attachments

<sup>1</sup> Can do alone

<sup>2</sup> Can do with help

<sup>3</sup> No idea how to do

f) Save files to hard drive, CD, or disk

<sup>1</sup> Can do alone

<sup>2</sup> Can do with help

<sup>3</sup> No idea how to do

16. Have you used a computer in the past for self-directed continuing education?

<sup>1</sup> Yes

<sup>2</sup> No

17. In the future, would you use a computer for self-directed continuing education? Check one only:

<sup>1</sup> Yes, I am very interested.

<sup>2</sup> Yes, I am somewhat interested.

<sup>3</sup> No, not interested.

18. What type of computer-based program would best meet your needs? Check one only:

<sup>1</sup> An interactive program whereby you select options and answers throughout the course of the activity.

<sup>2</sup> A non-interactive program that contains reference materials and readings.

<sup>3</sup> I'm not interested in a computer-based continuing education.

**OPTIONAL:** If you would like to receive information from the BCCEDP about continuing education opportunities, please provide your name and e-mail address in the space provided:

Name: \_\_\_\_\_ E-Mail: \_\_\_\_\_@\_\_\_\_\_

*Appendix B*  
*Detailed Data Tables*

