

**ATTACHMENT E**  
**QUESTION SOURCES**

Table E–1. Question Sources for Clinician Survey

Table E–2. Question Sources for Practice Survey

Table E–3. Key to Acronyms Used



**Table E- 1. Question Sources for Clinician Survey**

Questions from Clinician Survey	Question Topic	Source
S1	Currently providing medical care to patients with HIV/AIDS	New
S2	Primary health profession	2006 Clinical Oncologists 31; ACC 374, modified
S3	Primary area of specialty: physicians	2009 OPWS 1; 2009 Rural Physician 4; 2008 CTS Physician 3 modified
S4	Primary area of specialty: Nurse Practitioners/Physician Assistants	New
S5	Ineligibility confirmed	New
1.	Year of highest clinical degree	2009 OPWS 9, modified
2.	Country where received highest clinical degree	New
3	Year began providing medical care to patients with HIV/AIDS diagnoses	2009 OPWS 9 modified
4.	Factors influencing initial decision	AAHIVM, 18 – 20, modified
5.	Hours direct patient care: all patients, patients with HIV/AIDS	2008 CTS Physician 11, modified
6.	Hours spent in HIV/AIDS care x activities	2008 CTS Physician 11 modified
7.	Patient management strategy: panel vs patients assigned as clinicians are available	New
8.	Number of Patients seen at least once in past 12 months	New
9.	Number of patient x diagnosis type seen in last 12 months	2008 HIVMA, 21, modified
10.	Percentage patients x diagnosis type seen in last 12 months	2008 HIVMA, 21, modified
11.	Percentage HIV/AIDS patients x therapy types	RDR 51, modified
12.	Percentage patients x co-occurring disorders	2008 HIVMA 8, modified
13.	Increase/decrease HIV/AIDS patients past 12 months	2008 HIVMA 11, modified
13a.	Approximate percentage increase	2008 HIVMA 12, modified
13b.	Approximate percentage decrease	2008 HIVMA 12, modified
14.	Total patient visits in past 12 months: all vs HIV/AIDS	RDR 23, 24, modified
15.	All practice settings	2008 HIVMA 5; 2008 CTS Physician 5, modified

Questions from Clinician Survey	Question Topic	Source
16.	Clinician's primary practice for majority direct HIV/AIDS care	2008 HIVMA 5; 2008 CTS Physician 5; modified
16a.	Primary practice: clinic /office type: solo, group	2008 HIVMA 5; 2008 CTS Physician 5 modified
16b.	If hospital, type of Hospital operation	2008 HIVMA 5; 2008 CTS Physician 5; , modified
17.	Ryan White funding	2008 HIVMA, 4, modified
17a.	Types of RW funding	New
18.	Independent/Integrated primary practice	2008 HIVMA 5; 2008 CTS Physician 5 modified
19.	Average waiting time x appointment type	2008 HIVMA 21, modified
20.	Average length of visit x appointment type	2008 HIVMA 22&23, modified
21.	Use of EMR system	2008 CTS Physician 20, modified
22.	Use of scheduling procedures	New
23.	Does clinician provide HIV-related care patients who have another PCP	New
24.	Delegate clinical tasks?	ACR17, modified
25.	Promote patient self- management?	New
26.	Build integrated team to provide continuous care?	New
27.	Plans next 5 years regarding HIV/AIDS patient numbers: increase, decrease, stay the same, stop	New
27a	Reasons increase patient numbers	ACC 49; ACR 21, modified
27b	Reasons reduce patient numbers	ACC 49; ACR 21, modified
28.	Willingness to increase numbers if reimbursement increases	New
29.	Likelihood retirement 5 years	2009 OPWS 7 ACC 51, modified
30.	Opinion of supply/demand balance	New
31.	Concerns about shortages x clinician type	2008 HIVMA 25; ACC 31 & 32 modified
32.	Effectiveness of strategies to meet increased demand	ACC 53, 55, 56; 2009 Rural Physician 1 modified
33.	Factors influencing new student decision to pursue career in HIV care	New
34-38.	Gender, age, ethnicity, race	AAHIVM, 12 - 15

**Table E- 2. Question Sources for Practice Survey**

Questions from Practice Survey	Question Topic	Source
1.	Types of clinicians used by clinic	2008 HIVMA, 17
2.	Number FTE clinicians providing direct care to all patients last 12months	New
3.	Number FTE clinicians providing direct care to HIV patients last 12 months	2008 HIVMA, 18 modified
4.	Number of visits FTE HIV clinicians X HIV clinician category past 12 months	New
5.	Patient management strategy: panel vs patients assigned as clinicians are available	New
5a.	Number of patients FTE HIV clinicians manage X clinician category last 12 months	
6.	Vacancies (by FTE) x HIV clinician type past 12months	New
6a.	Average time to fill vacancies X HIV clinician category	New
7.	Number of funded but currently vacant FTEs X HIV clinician category	New
7a.	Average time vacant X clinician category	New
8.	Difficulty recruiting X clinician category	2008 HIVMA 25, modified
8a.	Recruiting challenges—physicians	2008 HIVMA 24, modified
8b.	Recruiting challenges—nurse practitioners/physician assistants	2008 HIVMA 24, modified
9.	Difficulty with retention X clinician category	2008 HIVMA 27, modified
9a.	Retention challenges—physicians	2008 HIVMA 26, modified
9b.	Retention challenges—nurse practitioners/physician assistants	2008 HIVMA 26, modified
10.	Average annual salary X clinician category	New
11.	Number patient visits typical week: all and HIV/AIDS	New
12.	Number additional patient visits current resources can absorb	2008 HIVMA 12, modified
13.	Average waiting time X appointment type	2008 HIVMA 21, modified
14.	Average length of visit X appointment type	2008 HIVMA 22&23, modified
15.	Currently accepting new Medicaid HIV/AIDS patients	2008 HIVMA, 5, modified
15a.	Factors influencing restrictions on new Medicaid patients	New
16.	Currently accepting new Medicare HIV/AIDS patients	2008 HIVMA, 5, modified
16a.	Factors influencing restrictions on new Medicare patients	New

Questions from Practice Survey	Question Topic	Source
17.	Currently accepting new privately insured HIV/AIDS patients	2008 HIVMA, 5, modified
17a.	Factors influencing restrictions new privately insured patients	New
18.	Currently accepting new uninsured HIV/AIDS patients	2008 HIVMA, 5, modified
18a.	Factors influencing restrictions new uninsured patients	New
19.	Supply/demand balance	New
20.	Concerns about clinician shortages x clinician type	ACC 31 & 32 modified
21.	Strategies meet increased demand	ACC 53, 55, 56; 2009 Rural Physician 1 modified
22.	Type of patients last 12 months	RDR, 23 modified
23.	Percentage patients specific diagnosis	RDR, 23 modified
24.	Percentage patients with co-morbidities past 12 months	New
25.	Percentage patients treatment categories	New
26.	Patients age distribution	RDR, 56 modified
27.	Patients gender	RDR 56 modified
28.	Patients Ethnicity	RDR 58 modified
29.	Patients Race	RDR 58 modified
30.	U.S. residential status	New
31.	Type of patient Insurance	2008 HIVMA, 7 modified
32.	Relative Value Units	New

**Table E- 3. Key to Acronyms Used**

ACRONYM	FULL NAME OF SOURCE SURVEY
ACC	Survey of Adult Cardiologists
ACR	2005–2006 Rheumatologist Workforce Survey conducted by the American College of Rheumatology
2005 Arizona Physician	2005 Arizona Physician Workforce Survey
2006 Clinical Oncologists	2006 Survey of Clinical Oncologists conducted by American Society of Clinical Oncologists and the Association of American Medical Colleges
2008 CTS Physician	2008 Community Tracking Physician Survey
2008 Medical Practice	2008 Medical Practice Survey
2008 HIVMA	2008 American Academy of HIV Medicine Member Workforce Survey
2009 NY	2006–2008 Physician Survey conducted by the New York State Department of Education
2009 OPWS	Oregon Physician Workforce Survey conducted by the Oregon Department of Human Services
2007 Podiatric	Podiatric Practice Survey conducted by the American Podiatric Medical Association
2009 Rural Physician	Rural Physician Survey and the Registered Nurse Survey conducted by the Colorado Health Institute