

Table 1. Percent distribution of physicians reporting use of electronic medical records by office-based physician and practice characteristics: United States, 2005

Physician and practice characteristics	Percent distribution of all physicians /1	Percent of physicians reporting—	
		Full or partial use of EMRs /2,3 (standard error)	Minimum set of required features for EMRs /2,4 (standard error)
All physicians /5	100.0	23.9 (1.5)	9.3 (1.1)
Physician characteristic			
Age of physician:			
Under 35 years	3.9	44.0 (8.5)	*15.2 (8.1)
35-44 years	27.2	26.8 (3.0)	10.4 (2.0)
45-54 years	34.5	25.1 (2.5)	10.5 (1.8)
55-64 years	24.5	18.1 (2.4)	7.0 (1.6)
65 years and over	9.9	18.4 (4.2)	*5.7 (2.0)
Physician specialty type /6:			
Primary care	50.5	22.4 (2.3)	9.2 (1.6)
Surgical	21.7	22.3 (2.6)	8.5 (1.8)
Medical	27.8	28.1 (2.8)	10.3 (2.0)
Physician sex:			
Male	76.4	24.1 (1.8)	9.4 (1.2)
Female	23.6	23.5 (2.7)	9.2 (2.0)
Practice characteristic			
Practice size /7:			
Solo	38.5	16.0 (2.2)	4.4 (1.3)
Partner	11.3	20.2 (4.2)	*6.0 (2.6)
3-5	25.4	25.3 (2.9)	10.2 (1.8)
6-10	12.9	33.8 (4.7)	16.5 (3.2)
11 or more	9.7	46.1 (5.8)	20.8 (4.9)
Unknown	2.2	*12.0 (7.9)	*11.2 (7.8)
Scope of services /7:			
Solo and single-specialty	78.6	21.8 (1.5)	7.5 (1.0)
Multispecialty	20.0	34.2 (4.1)	17.1 (3.4)
Unknown	1.4	-	-
Practice ownership /7:			
Physician or physician group	83.3	20.3 (1.6)	7.3 (1.0)
Health maintenance organization	2.9	66.5 (10.1)	49.6 (11.5)
Other	13.9	37.1 (5.1)	13.2 (3.6)
Number of managed care contracts /7:			
None	9.7	15.4 (3.5)	*6.8 (2.6)
1-2	9.8	38.2 (5.4)	22.6 (4.4)
3-10	35.6	23.0 (2.2)	5.4 (1.2)
More than 10	39.3	23.7 (2.4)	9.8 (1.7)
Unknown	5.5	22.0 (6.0)	*11.8 (4.7)
Percentage of revenue from Medicaid /7:			
Under 5	30.9	21.9 (2.4)	11.1 (2.0)
5-19	32.1	25.6 (3.0)	10.1 (1.9)
20 or more	25.1	21.5 (2.8)	5.5 (1.6)
Unknown	11.8	30.2 (4.3)	10.8 (2.6)

* Figure does not meet standard of reliability or precision.

- Quantity zero.

/1 Based on weighted responses from 1,281 sample physicians.

/2 EMR is electronic medical record. Percentages may be underestimated because EMR use is unknown for 4.5 percent of physicians and are assumed to not use EMRs.

/3 Physicians reporting that their medical records are either fully or partially electronic.

/4 Required minimum features include computerized prescription ordering, computerized test ordering, electronic results, and electronic physician clinical notes.

/5 Includes nonfederal, office-based physicians who see patients in an office setting. Excludes radiologists, anesthesiologists, and pathologists.

/6 Specialty type based on categorization of physician subspecialties obtained from the American Medical Association

/7 Significant relationship between EMR use and physician or practice characteristic based on chi-square test ($p < .01$).

Table 2. Location characteristics of office-based physicians: United States, 2005

Location characteristic	Percent distribution of all physicians /1	Percent of physicians reporting—	
		Full or partial use of EMRs /2,3 (standard error)	Minimum set of required features for EMRs /2,4 (standard error)
All physicians /5	100.0	23.9 (1.5)	9.3 (1.1)
Geographic region /6			
Northeast	20.9	14.4 (2.3)	*3.4 (1.2)
Midwest	21.4	26.9 (3.6)	7.5 (1.5)
South	34.9	21.7 (2.7)	9.3 (2.2)
West	22.7	33.4 (3.5)	16.7 (2.8)
Metropolitan status /6			
Metropolitan statistical area	89.4	24.8 (1.6)	10.1 (1.1)
Non-metropolitan statistical area	10.6	16.9 (3.1)	*3.1 (1.7)
Per capita income for county /7			
Under \$25,000	11.6	20.3 (5.3)	*10.0 (3.2)
\$25,000 - \$45,000	77.2	24.0 (1.8)	8.8 (1.2)
Over \$45,000	11.3	27.2 (4.2)	12.3 (3.4)
Percent of county population that is non-Hispanic white /7			
Over 75	40.5	24.8 (2.4)	8.3 (1.6)
50-75	34.1	21.6 (2.6)	10.6 (1.9)
Under 50	25.4	25.8 (3.2)	9.3 (2.2)

* Figure does not meet standard of reliability or precision.

/1 Based on weighted responses from 1,281 sample physicians.

/2 EMR is electronic medical record. Percentages may be underestimated because EMR use is unknown for 4.5 percent of physicians and are assumed to not use EMRs.

/3 Physicians reporting that their medical records are either fully or partially electronic.

/4 Required minimum features include computerized prescription ordering, computerized test ordering, electronic results, and electronic physician clinical notes.

/5 Includes nonfederal, office-based physicians who see patients in an office setting. Excludes radiologists, anesthesiologists, and pathologists.

/6 Significant relationship between EMR use and location characteristic based on chi-square test ($p < .05$).

/7 Based on data from the Area Resource File.

Table 3. Percentage of office-based physicians reporting selected features of their system (with corresponding standard errors), by whether they report that their medical records are fully or partially electronic: United States, 2005

Selected system features	Percent of physicians reporting selected EMR features /1 (standard error)		
	All physicians /2	Fully electronic /3	Partially electronic /4
Patient demographics	21.4 (1.6)	91.5 (2.7)	82.3 (3.8)
Physician clinical notes	17.7 (1.6)	82.2 (5.8)	65.4 (4.9)
Laboratory results	17.2 (1.6)	80.9 (5.5)	63.4 (5.0)
Nurse clinical notes	14.0 (1.5)	72.6 (6.1)	46.0 (5.7)
Computerized orders for prescriptions	13.4 (1.3)	73.5 (5.1)	40.4 (4.5)
Computerized orders for tests	12.7 (1.3)	67.6 (5.2)	40.2 (5.6)
Clinical reminders	10.7 (1.1)	57.9 (5.5)	33.3 (4.3)
Public health reporting	5.4 (0.9)	34.2 (5.1)	12.1 (2.8)

/1 EMR is electronic medical record.

/2 Based on responses from 1,281 physicians. Includes nonfederal, office-based physicians who see patients in an office setting. Excludes radiologists, anesthesiologists, and pathologists.

/3 Based on 151 sample physicians reporting full use of EMRs (11.2 percent of physicians, weighted).

/4 Based on 171 sample physicians reporting partial use of EMRs (12.7 percent of physicians, weighted).

NOTE: Percentages may be underestimated because EMR use is unknown for 4.5 percent of physicians.