

Supplemental Tables for Figure 2

Supplemental Table1a. HIV prevalence among 2,901 ED patients by age and sex

Sex (n)	Age Category (years)	N	HIV prevalence (95% CI)
Males (n=1458)	<20	67	4.4(1.4,13.1)
	20-25	269	7.4(4.8,11.3)
	26-35	449	24.1(20.3,28.2)
	36-45	258	34.8(29.3,40.9)
	46-55	186	25.8(20.0,32.6)
	56+	229	14.4(10.4,19.6)
	<20	65	12.3(6.2,22.8)
	20-25	273	33.3(28.0,39.2)
	26-35	367	49.6(44.5,54.7)

Females (n=1443)	36-45	242	55.4(49.0,61.5)
	46-55	172	33.1(26.5,40.5)
	56+	324	11.4(8.4,15.4)

Supplemental Table 1b. Prevalence of Newly diagnosed HIV infection among 811 HIV Positive ED patients by age and sex

Sex (n)	Age Category (years)	N	HIV prevalence (95% CI)
Males (n=302)	<20	3	66.7(9.5,97.5)
	20-25	20	80(56.4,92.5)
	26-35	108	52.8(43.3,62.1)
	36-45	90	32.2(23.3,42.6)
	46-55	48	16.7(8.5,30.2)
	56+	33	36.4(21.7,54.1)
Females (n=507)	<20	8	62.5(26.4,88.5)
	20-25	91	33(24.0,43.3)
	26-35	182	22.5(17.0,29.2)
	36-45	134	14.9(9.8,22.1)
	46-55	57	10.5(4.8,21.7)
	56+	37	21.6(11.1,37.9)

Supplemental Table 1c. ARV treatment among 585 HIV positive ED patients by age and sex

Sex (n)	Age Category (years)	N	On ARV (95%CI)
Males (222)	<20	3	0(0,0)
	20-25	14	7.1(0.9,39.1)
	26-35	77	29.9(20.6,41.1)
	36-45	66	56.1(43.8,67.6)
	46-55	39	79.5(63.7,89.5)
	56+	23	52.2(32.0,71.9)
Females (363)	<20	6	33.3(7.2,76.4)
	20-25	70	45.7(34.4,57.5)
	26-35	128	53.9(45.2,62.4)
	36-45	86	59.3(48.6,69.2)
	46-55	46	80.4(66.3,89.6)
	56+	27	77.8(58.1,89.8)

Supplemental Table 1d. Viral suppression among 609 HIV positive ED patients by age and sex

Sex (n)	Age Category (years)	N	Virally suppressed (95%CI)
Males (n=236)	<20	3	0(0,0)
	20-25	16	0(0,0)
	26-35	82	25.6(17.3,36.2)
	36-45	67	47.8(36.0,59.8)
	46-55	44	75(60.0,85.7)
	56+	24	62.5(41.6,79.6)
Females (n=373)	<20	6	16.7(1.9,67.9)
	20-25	69	53.6(41.8,65.1)
	26-35	135	42.2(34.1,50.8)
	36-45	89	53.9(43.5,64.1)
	46-55	46	76.1(61.5,86.3)
	56+	28	71.4(52.0,85.2)