



Results

- 271 primary MIs, 219 secondary MIs among 25,094 individuals in >100,000 PYs Incidence Rate Per 1,000 py
- Baseline characteristics
 - Primary MI (vs. secondary)

 male, elevated total cholesterol, statin users, history of ART
 - Secondary MI (vs. primary)

 female, black, IDU transmission risk factor, no ART
- Crude IR (per 1000 PYs):
 - Primary 2.68 [2.38 3.02]
 - Secondary 2.17 [1.90 2.48]



4.27

10.12

2.95

4.34

60-69

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Primary MI Risk Factors			
Time-Updated Predictors of Primary MI Risk			
alRR [95% CI]		alRR [95% CI]	
Demographic & Traditional Risk Factors			
Age (years)		Elevated Total Cholesterol	
<40	1.00	No	1.00
40 – 49	2.03 [1.51, 2.72]	Yes	1.09 [0.87, 1.36]
50 – 59	2.76 [2.01, 3.78]	Unassessed	1.08 [0.76, 1.52]
60 - 69	5.13 [3.56, 7.40]	Low HDL Cholesterol	1.00
Sex	1.00	No	1.00
Male	1.00	Yes	1.47 [1.13, 1.93]
Female	0.94 [0.72, 1.22]	Unassessed	1.14 [0.79, 1.65]
Race and Ethnicity	1.00		1.00
Plack	1.00	eGFR 230	1.00 E 40 [4 0E - 7 4E]
Hispania	0.67 [0.44, 1.01]	EGER SU	5.49 [4.05, 7.45]
Other/Unknown	0.68 [0.40, 1.18]	No	1.00
HIV Transmission Risk	0.00 [0.40, 1.10]	Yes	2 01 [1 57 2 57]
MSM	1.00	HIV-Related Risk Factors	2.01[1.01, 2.01]
	1 29 [0 99 1 68]	CD4 Count (Cells/mm3)	
Heterosexual	0.94 [0.72, 1.23]	>500	1.00
Other/Unknown	1 14 [0 80 1 62]	350 - 499	1 27 [0 97 1 66]
Cohort Entry	1.14 [0.00, 1.02]	200 - 349	1 32 11 01 1 73]
1995 - 2000	1.00	100 - 199	1.90 [1.40, 2.58]
2001 - 2005	0.76 [0.60, 0.95]	<100	3.03 2.23 4.13
2006 - 2011	1.02 [0.75, 1.38]	Missing	0.99 0.42, 2.37
Cigarette Smoking		HIV Viral Load (Copies/mL)	
Never	1.00	<400	1.00
Ever	1.75 [1.33, 2.3]	≥400	1.56 [1.27, 1.93]
Hypertension		Missing	1.19 [0.75, 1.86]
No	1.00	History of a Clinical AIDS	
Yes	1.83 [1.49, 2.24]	No	1.00
Diabetes Meilitus	4.00	Yes	1.26 [1.03, 1.53]
INO Mar	1.00		
res	1.56 [1.23, 1.97]		
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25

5

0

0.59

Primary (Type 1) Secondary (Type 2)

