

Table I (supplemental). Unadjusted risk ratios for CIN3+ vs. ≤CIN2 among HR-HPV positive women (n=873^a)

	All ages				Age <30				Age ≥30			
	CIN3+	≤CIN2	RR	95% CI	CIN3+	≤CIN2	RR	95% CI	CIN3+	≤CIN2	RR	95% CI
<u>Demographics</u>												
Age												
18-21	22	212	1.0		22	212	1.0					
22-24	26	149	1.6	0.9-2.7	26	149	1.5	0.9, 2.6				
25-29	47	145	2.6	1.6-4.2	47	145	2.6	1.7, 4.2				
30-39	48	114	3.2	2.0-5.0					48	114	1.0	
≥40	30	80	2.9	1.8-4.8					30	80	1.0	0.7, 1.7
Race/ethnicity												
Non-Hispanic Black	99	519	0.5	0.4-0.7	61	398	0.5	0.3, 0.8	38	121	0.8	0.4, 1.4
Non-Hispanic White	42	94	1.0		20	54	1.0		22	40	1.0	
Hispanic	27	72	0.9	0.6-1.3	12	49	0.7	0.4, 1.3	15	23	1.5	0.8, 2.9
Other	5	15	0.8	0.3-1.9	2	5	0.8	0.2, 3.0	3	10	0.8	0.2, 3.1
Highest education completed												
Less than high school	54	162	1.0	0.7-1.4	26	128	0.8	0.5, 1.4	28	34	1.7	1.0, 3.1
High school	47	237	0.6	0.4-0.9	24	181	0.6	0.4, 1.1	23	56	0.7	0.4, 1.4
Some college	34	194	0.6	0.4-0.9	26	130	0.8	0.5, 1.5	8	64	0.4	0.1, 0.9
Completed college	36	104	1.0		17	67	1.0		19	37	1.0	
Yearly household income												
< \$20,000	111	468	0.8	0.5-1.3	59	348	0.7	0.4, 1.3	52	120	1.1	0.6, 2.0
\$20,000 - 40,000	24	93	0.8	0.5-1.1	15	66	0.7	0.3, 1.6	9	27	0.6	0.2, 1.7
> \$40,000	26	79	1.0		10	42	1.0		16	37	1.0	
Place of birth												
Outside US/Canada	23	81	1.1	0.8-1.7	11	47	1.5	0.8, 2.6	12	34	1.1	0.6, 2.1
USA/Canada	149	614	1.0		84	457	1.0		65	157	1.0	
<u>Health behaviors and general health status</u>												
Smoking												
Current	49	127	1.8	1.4-2.5	24	76	1.8	1.2-2.7	25	51	1.6	1.0-2.5
Former	32	66	2.2	1.5-3.0	8	32	1.5	0.8-2.9	24	34	2.0	1.3-3.1
Never	90	507	1.0		61	398	1.0		29	109	1.0	
Alcohol Use (average during previous 5 years)												
Rarely/Never	63	344	1.0		41	274	1.0		22	70	1.0	
At least once per month but less than once per week	49	186	1.3	1.0-1.9	27	135	1.5	0.9, 2.5	22	51	1.1	0.6, 2.0

At least once per week	60	169	1.7	1.2-2.3	26	96	1.8	1.1, 3.1	34	73	1.0	0.6, 1.7
Screening history												
≥5 Pap tests in last 5 years	92	420	0.8	0.6-1.0	56	302	0.9	0.6, 1.3	36	118	0.5	0.3, 0.7
< 5 Pap tests in last 5 years	75	242	1.0		36	176	1.0		39	66	1.0	
Body Mass Index												
Underweight	3	22	0.6	0.2-1.7	2	17	0.4	0.1, 2.9	1	5	0.8	0.1, 4.7
Normal weight	55	215	1.0		34	168	1.0		21	47	1.0	
Overweight	47	147	1.2	0.8-1.7	27	101	1.2	0.7, 2.0	20	46	0.6	0.3, 1.3
Obese	52	217	0.9	0.7-1.3	21	145	0.7	0.4, 1.3	31	72	1.1	0.6, 1.8
Reproductive History												
Gravidity												
0	30	133	1.0		20	110	1.0		10	23	1.0	
1 to 2	61	314	0.9	0.6-1.3	47	255	0.9	0.6, 1.6	14	59	1.1	0.4, 3.3
3 to 4	41	160	1.1	0.7-1.7	17	99	0.8	0.4, 1.5	24	61	1.7	0.6, 4.5
5 to 6	23	77	1.2	0.8-2.0	6	36	1.0	0.4, 2.4	17	41	2.0	0.7, 5.5
≥7	16	15	2.8	1.8-4.5	3	5	3.3	1.3, 8.7	13	10	2.1	0.7, 6.6
Parity												
0	40	203	1.0		29	168	1.0		11	35	1.0	
1 to 2	72	349	1.0	0.7-1.5	52	266	0.9	0.6, 1.5	20	83	1.2	0.5, 3.0
3 to 4	40	114	1.6	1.1-2.3	9	60	0.7	0.3, 1.6	31	54	2.2	0.9, 5.5
≥5	19	33	2.2	1.4-3.5	3	11	1.9	0.7, 5.4	16	22	2.8	1.1, 7.1
Age at menarche												
7-10	13	73	0.7	0.4-1.2	10	57	1.1	0.5, 2.2	3	16	0.5	0.1, 1.8
11-12	70	279	0.9	0.6-1.3	42	202	1.1	0.7, 1.8	28	77	0.9	0.5, 1.5
13-14	66	246	1.0		29	168	1.0		37	78	1.0	
≥15	22	97	0.9	0.7-1.3	13	76	0.9	0.4, 1.8	9	21	1.0	0.5, 2.1
Age at first pregnancy												
Nulligravida	30	133	1.0		20	110	1.0		10	23	1.0	
<17 years	30	153	0.9	0.6-1.4	16	120	0.7	0.4, 1.4	14	33	1.5	0.5, 4.3
17-19 years	60	247	1.1	0.7-0.6	34	182	0.9	0.5, 1.6	26	65	1.4	0.5, 4.0
20-24 years	35	123	1.2	0.8-1.9	18	81	1.1	0.6, 2.1	17	42	2.0	0.7, 5.4
25-44 years	14	36	1.5	0.9-2.6	4	8	2.1	0.7, 6.1	10	28	1.7	0.6, 5.1
Lifetime oral contraceptive use												
Never	47	190	1.0		26	150	1.0		21	40	1.0	
Less than 3 months	29	125	0.9	0.6-1.4	18	104	0.9	0.5, 1.7	11	21	1.1	0.6, 2.2
3 to 11 months	20	92	0.9	0.6-1.4	12	68	1.0	0.5, 2.0	8	24	0.7	0.3, 1.6

12 to 35 months	37	129	1.1	0.8-1.6	26	97	1.4	0.8, 2.5	11	32	0.6	0.3, 1.3
At least 36 months	39	160	1.0	0.7-1.4	12	83	0.8	0.4, 1.6	27	77	0.5	0.3, 1.0
Injectible contraceptives use												
Yes, regularly	101	356	0.8	0.6-1.1	43	213	0.9	0.6, 1.4	58	143	1.2	0.6, 2.6
Yes, sometimes	16	90	0.7	0.4-1.1	10	74	0.6	0.3, 1.2	6	16	1.0	0.6, 1.9
No	55	248	1.0		41	214	1.0		14	34	1.0	
Any hormonal contraceptive use												
No	143	604	1.0		81	442	1.0		62	162	1.0	
Yes	30	96	0.8	0.6-1.1	14	64	0.8	0.4, 1.4	16	32	0.8	0.4, 1.3
Periods stopped												
No	162	670	1.0		95	503			67	167	1.0	
Yes	10	27	1.4	0.8-2.4	0	3			10	24	1.2	0.6, 2.2
<u>Sexual History</u>												
Lifetime number of male sexual partners												
0 to 1	13	61	1.0		7	47	1.0		6	14	1.0	
2 to 5	81	354	1.1	0.6-1.8	39	264	0.8	0.4, 1.7	42	90	0.9	0.4, 1.8
≥6	74	253	1.3	0.8-2.2	46	178	1.3	0.6, 2.7	28	75	0.6	0.3, 1.4
Age at first sexual intercourse												
5 to 14	27	136	0.6	0.3-1.2	15	110	0.4	0.1, 1.0	12	26	1.1	0.4, 3.0
15 to 16	65	284	0.7	0.4-1.2	43	224	0.5	0.2, 1.2	22	60	1.1	0.4, 2.5
17 to 18	53	188	0.8	0.5-1.5	28	123	0.5	0.2, 1.3	25	65	0.8	0.3, 2.0
19 to 20	15	52	0.8	0.4-1.7	4	32	0.3	0.1, 1.3	11	20	1.1	0.4, 2.9
21 or older	10	27	1.0		4	11	1.0		6	16	1.0	
Ever used condoms												
Never	23	89	1.0		9	42	1.0		14	47	1.0	
Sometimes	86	346	1.0	0.6-1.5	48	267	0.7	0.4, 1.4	38	79	1.5	0.8, 3.0
Regularly	64	253	1.0	0.6-1.5	38	188	0.8	0.4, 1.6	26	65	1.2	0.6, 2.5
Currently use condoms												
Never	121	372	1.0		58	235	1.0		63	137	1.0	
Sometimes	14	118	0.6	0.5-0.9	9	100	0.6	0.4, 1.0	5	18	1.0	0.4, 2.2
Regularly	37	196	0.4	0.3-0.7	28	160	0.5	0.2, 0.9	9	36	0.7	0.3, 1.5

^aSome column totals do not equal 873 due to missing covariate data.