

## **APPENDIX**

**Table 6. Data for Forest Plot of Smoking Cessation Studies**

<b>Author Year</b>	<b>Timing (months)</b>	<b>Measure</b>	<b>Arm-Intervention</b>	<b>Sample Size</b>	<b>Proportion Who Quit</b>	<b>Risk ratio* (CI)</b>	<b>Risk difference* (CI)</b>
Logsdon 1989	12	# who quit	HRA w/o feedback	136.3	0.073	---	---
Logsdon 1989	12	# who quit	HRA w/feedback + counseling	157.3	0.140	1.906 (0.936, 3.882)	0.067 (-0.003, 0.136)
Gomel 1991	12	% quit	HRA w/feedback	40	0.05	---	---
Gomel 1991	12	% quit	HRA w/feedback + health promotion program + education	28	0.07	1.429 (0.214, 9.547)	0.021 (-0.095, 0.138)
Gomel 1991	12	% quit	HRA w/feedback + health promotion program	30	0.04	0.667 (0.063, 7.014)	-0.017 (-0.110, 0.077)
Gomel 1991	12	% quit	HRA w/feedback + incentives	30	0.2	4.000 (0.867, 18.448)	0.150 (-0.008, 0.308)
Kreuter 1996	6	% quit	HRA w/o feedback	60	0.17	---	---
Kreuter 1996	6	% quit	HRA w/feedback + enhanced feedback group	61	0.13	0.787 (0.333, 1.857)	-0.036 (-0.162, 0.091)
Kreuter 1996	6	% quit	HRA w/feedback + typical feedback group	59	0.12	0.712 (0.290, 1.745)	-0.048 (-0.173, 0.077)
Smith 1995	6	% quit = Initial-FU	HRA w/partial feedback	9	0	---	---
Smith 1995	6	% quit = Initial-FU	HRA w/feedback + counseling + full feedback group	12	0	NA; see footnote	0.000 (0.000, 0.000)
Smith 1995	6	% quit = Initial-FU	HRA w/feedback + counseling + partial feedback group	38	0.105	NA; see footnote	0.105 (0.008, 0.203)
Smith 1995	6	% quit = Initial-FU	HRA w/feedback + full feedback group	29	0.069	NA; see footnote	0.069 (-0.023, 0.161)
Burton 1839	24	% quit	Booklet	240.7	0.179	---	---
Burton 1839	24	% quit	HRA w/feedback + counseling	251.5	0.242	1.357 (0.958, 1.921)	0.064 (-0.008, 0.135)
Erfurt 1991	36	% quit among initial	HRA w/ feedback	228	0.171	---	---
Erfurt 1991	36	% quit among initial	HRA w/feedback + education	223	0.176	1.022 (0.683, 1.531)	0.004 (-0.066, 0.074)
Erfurt 1991	36	% quit among initial	HRA w/feedback + counseling	197	0.203	1.187 (0.798, 1.767)	0.032 (-0.042, 0.106)
Erfurt 1991	36	% quit among initial	HRA w/feedback + health promotion program	143	0.189	1.104 (0.708, 1.721)	0.018 (-0.063, 0.098)

**Table 6. Data for Forest Plot of Smoking Cessation**

Author Year	Timing (months)	Measure	Arm-Intervention	Sample Size	Proportion Who Quit	Risk ratio* (CI)	Risk difference* (CI)
Shi 1992	24	% quit use FU N	HRA w/ feedback, newsletter	185	0.492	---	---
Shi 1992	24	% quit use FU N	HRA w/feedback + health resource center	133	0.444	0.902 (0.709, 1.147)	-0.048 (-0.159, 0.063)
Shi 1992	24	% quit use FU N	HRA w/feedback + health promotion program + case management	60	0.633	1.288 (1.011, 1.640)	0.141 (-0.000, 0.283)
Shi 1992	24	% quit use FU N	HRA w/feedback + health promotion program	155	0.613	1.246 (1.028, 1.511)	0.121 (0.016, 0.226)
Shipley 1988	24	% quit	HRA w/o feedback	258	0.174	---	---
Shipley 1988	24	% quit	HRA w/ feedback + health promotion program	302	0.202	1.158 (0.818, 1.639)	0.028 (-0.037, 0.092)
Shipley 1988	24	% quit	HRA w/feedback + health promotion program + attended smoking clinic	79	0.316	1.814 (1.193, 2.758)	0.142 (0.030, 0.255)
Family Heart Study Group 1994	12	prevalence at FU	HRA w/o feedback	822.5	0	---	---
Family Heart Study Group 1994	12	prevalence at FU	HRA w/feedback + counseling	686.3	0.045	NA; see footnote	0.045 (0.030, 0.061)

**Table 7. Data for Blood Pressure Forest Plot**

Author Year	Timing (months)	Measure	Arm - Intervention	Sample Size	Systolic blood pressure (mm Hg)		Dystolic blood pressure (mm Hg)	
					Mean	Difference of means (SE)	Mean	Difference of means (SE)
Leigh 1992	12	Change in blood pressure	HRA w/o feedback	867	1		0	
Leigh 1992	12	Change in blood pressure	HRA w/feedback + Health promotion program	919	0	-1 (1.07)	-1	-1 (0.74)
Smith 1985	6	Change in blood pressure	HRA w/partial feedback	20	-14		-2	
Smith 1985	6	Change in blood pressure	HRA w/feedback & counseling + full feedback group	90	-6	8 (5.59)	-12	-10 (3.85)
Smith 1985	6	Change in blood pressure	HRA w/feedback & counseling + partial feedback group	94	-11	3 (5.57)	-8	-6 (3.83)
Smith 1985	6	Change in blood pressure	HRA w/feedback + full feedback group	22	7	21 (6.99)	-12	-10 (4.81)
Johns 1976	4	Change in blood pressure	HRA w/o feedback	33	-3.5		3.6	
Johns 1976	4	Change in blood pressure	HRA w/feedback and physician counseling	29	-4.5	-1 (5.76)	-4.7	-8.3 (3.96)
Johns 1976	4	Change in blood pressure	HRA w/feedback and health educator counseling	28	-8.4	-4.9 (5.81)	-2.1	-5.7 (4.00)
Connell 1995	12	Change in blood pressure	Pure control	158	0			
Connell 1995	12	Change in blood pressure	HRA w/feedback and health promotion program	142	-5	-5 (2.62)		
Connell 1995	12	Change in blood pressure	HRA w/feedback	253	-3	-3 (2.29)		
Connell 1995	12	Change in blood pressure	Health promotion program only	248	-3	-3 (2.30)		
Gemson 1995	6	Change in blood pressure	HRA w/o feedback	48	-0.4			
Gemson 1995	6	Change in blood pressure	HRA w/feedback + counseling	42	-3.6	-3.2 (4.78)		
Williams 1997	24	Total blood pressure	HRA w/o feedback	393	135.14		73.5	
Williams 1997	24	Total blood pressure	HRA w/feedback + health promotion program	405	132.7	0.3 (1.60)	73.26	-0.94 (1.10)
Williams 1997	48	Total blood pressure	HRA w/o feedback	393	133.83		73.13	
Williams 1997	48	Total blood pressure	HRA w/feedback + health promotion program	405	131.24	0.15 (1.60)	72.53	-0.3 (1.10)

**Table 7. Data for Forest Plot of Blood Pressure Studies**

Author Year	Timing (months)	Measure	Arm - Intervention	Sample Size	Systolic blood pressure (mm Hg)		Dystolic blood pressure (mm Hg)	
					Mean	Difference of means (SE)	Mean	Difference of means (SE)
Family Heart Study Group 1994	12	Systolic blood pressure	HRA w/o feedback	3576	135.31		84.52	
Family Heart Study Group 1994	12	Systolic blood pressure	HRA w/feedback + counseling	2984	128.17	-6.85 (0.56)	81.38	-3.30 (0.39)

**Table 8. Data for Forest Plot of Cholesterol Studies**

Standard deviation assumed equal to 50mm/dl; Correlation assumed=0				Sample Size	Mean <sup>1</sup>	Difference of means (SE)
Timing (months)	Arm Intervention					
Fries 1993	24	HRA w/o feedback		142	217	
Fries 1993	24	HRA w/feedback + Health promotion program		146	217	0 (6.33)
Leigh 1992	12	HRA w/o feedback		867	217	
Leigh 1992	12	HRA w/feedback + Health promotion program		919	216	-1 (3.35)
Smith 1985	6	HRA w/ partial feedback		19	264	
Smith 1985	6	HRA w/feedback + counseling + full feedback group		88	248	-16 (17.89)
Smith 1985	6	HRA w/feedback + counseling + partial feedback group		87	275	11 (17.91)
Smith 1985	6	HRA w/feedback + partial feedback group		10	269	5 (27.63)
Connell 1995	12	Control		158	0*	
Connell 1995	12	HRA w/feedback + Health promotion program		142	-5*	-5 (8.18)
Connell 1995	12	HRA w/feedback		253	-3*	-3 (7.17)
Connell 1995	12	Health promotion program only		248	-3*	-3 (7.20)
Gemson 1995	6	HRA w/o feedback		48	-7.5*	
Gemson 1995	6	HRA w/feedback + counseling		42	-8.2*	-0.7 (14.94)
Bertera 1993	24	Control		7101	202.36	
Bertera 1993	24	HRA w/feedback + Health promotion program		7178	204.04	1.68 (1.18)
Family Heart Study Group 1994	12	HRA w/o feedback		3576	218.96	
Family Heart Study Group 1994	12	HRA w/feedback + counseling		2984	213.87	-5.09 (1.75)

## **EVIDENCE TABLES**

Evidence Tables are provided in a separate file.