

Appendix Table: Illustration of method to obtain 6-year cumulative incidence of invasive breast cancer in women who were screened (red shading) and those who were controls (blue shading). The example below involves cohorts of women who were age 50 to 53 at entry (1996 screened group, 1992 controls). Note that the controls participate in a prevalence screen at the end of the 6-year analysis period.

Number of incident breast cancers by year and age of diagnosis

Age	No screening				Prevalence screen		2 nd round		3 rd round	
	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
50	13				34					
51	7	15			30	31				
52	15	13	15		31	40	35			
53	8	11	14	14	22	29	37	37		
54		16	16	19	14	23	27	26	28	
55			18	14	22	36	24	22	24	39
56				16	24	32		21	23	33
57					27	28			32	40
58						27				27

Summary Statistics (Controls)						
Cases/year	43	55	63	63	87	123
Total Cases	43	98	161	224	311	434
Population (mid-point)	31564	31530	31485	31437	31375	31309
Rate (per 100,000)	136	311	511	713	991	1386

Summary Statistics (Screened)						
Cases/year	117	123	123	106	107	139
Total Cases	117	240	363	469	576	715
Population (mid-point)	40466	40406	40314	40214	40109	39981
Rate (per 100,000)	289	594	900	1166	1436	1788