

Original Article

Open Access

Cost Effectiveness of Colorectal Cancer Screening Interventions with Their Effects on Health Disparity Being Considered

Kwang-Sig Lee, PhD¹, Eun-Cheol Park, MD, PhD²

¹Health Insurance Policy Research Institute, Korea National Health Insurance Service, Seoul,
²Department of Preventive Medicine and Institute of Health Services Research, Yonsei University, Seoul, Korea

Supplementary Data

Table of Contents

Supplementary Table 1	2
Supplementary Table 2	2

Supplementary Table 1. Participation rates for organized colorectal cancer screening by age group in Korea for the year 2012

Province	Participation rate for organized colorectal cancer screening		
	51-60 yr	61-70 yr	71-80 yr
Seoul	0.24971	0.34770	0.22759
Busan	0.21067	0.29333	0.19200
Daegu	0.18978	0.26425	0.17297
Daejeon	0.25244	0.35149	0.23007
Incheon	0.24608	0.34264	0.22428
Gwangju	0.23882	0.33253	0.21766
Ulsan	0.21975	0.30598	0.20028
Gyeonggi	0.25062	0.34897	0.22841
Gangwon	0.24880	0.34644	0.22676
Chungbuk	0.24245	0.33759	0.22097
Chungnam	0.21702	0.30218	0.19779
Jeonbuk	0.24336	0.33885	0.22179
Jeonnam	0.23155	0.32241	0.21103
Gyeongbuk	0.21339	0.29713	0.19448
Gyeongnam	0.20159	0.28069	0.18372
Jeju	0.20613	0.28701	0.18786

Source: Korean National Cancer Center (2014) [4].

Supplementary Table 2. Mortality rates from causes other than colorectal cancer by age group in Korea for the year 2013

Province	Mortality per 100,000 from causes other than colorectal cancer							
	50-54 yr	55-59 yr	60-64 yr	65-69 yr	70-74 yr	75-79 yr	80-84 yr	≥ 85 yr
Seoul	268	370	535	831	1,555	2,880	5,275	9,660
Busan	323	457	680	1,056	1,891	3,506	6,426	11,789
Daegu	303	446	635	975	1,822	3,299	6,172	12,351
Daejeon	281	368	624	941	1,835	3,275	5,658	11,036
Incheon	324	441	683	1,041	1,866	3,376	6,026	10,562
Gwangju	296	440	632	982	1,761	3,717	6,303	11,845
Ulsan	281	461	634	1,056	2,237	4,172	7,620	13,153
Gyeonggi	306	410	609	918	1,717	3,159	5,654	10,110
Gangwon	372	497	725	1,022	1,865	3,345	5,560	9,413
Chungbuk	339	517	716	1,088	2,004	3,443	6,367	11,311
Chungnam	354	496	714	995	1,762	3,139	5,586	10,201
Jeonbuk	332	498	670	927	1,796	3,296	5,735	10,671
Jeonnam	393	518	748	1,097	1,877	3,322	5,926	10,346
Gyeongbuk	371	485	696	1,069	1,878	3,319	6,059	10,425
Gyeongnam	318	487	706	1,092	1,904	3,541	6,275	11,127
Jeju	402	502	637	980	1,622	2,953	4,849	8,172

Source: Korean Statistical Information Service (2015) [6].