

Figure E1: Breast Cancer Screening Cohort Selection Pathway Using a 60-day Diagnostic Window for Positive Screening Results: 2012 Medicare Beneficiaries.

Table E1: Definitions of Health Care Categories Used in the Analysis by Code Type

Health Care Category	CTP/HCPCS	ICD-9 CM
Screening Mammography	76092,77057, G0202	V76.11, V76.12
Diagnostic Mammography	76082, 76090, 76091, 77051, 77055, 77056, G0204, G0206	
Breast Ultrasound	76645	
Papanicolaou Test	G0123, G0141, G0144, G0145, G0147, G0148, P3000, P3001, Q0091	V72.31, V76.2, V76.47, V76.49, V15.89
Screening Pelvic Physical Examinations	G0101	
Mastectomy	19160, 19162, 19180, 19182, 19200, 19220, 19240, 19301–19307	85.41–85.48
Breast Cancer		233.0, 174, V10.3
Welcome-to-Medicare Visit (WMV)	G0344, G0402	
Annual Wellness Visit (AWV)	G0438, G0439	
Bone Mass Measurements	76977, 77078, 77079, 77080, 77081, 77083, G0130	
Seasonal Influenza Virus Vaccine	90655, 90656, 90657, 90658, 90660, 90662, Q2034, Q2035, Q2036, Q2037, Q2038, Q2039	

Table E2: Comparison of Adjusted Odds Ratio Estimates by Time Frame for Positive Screening Results

	30-Day Window for Diagnostic Evaluation			60-Day Window for Diagnostic Evaluation		
	Papanicolaou Test	Bone Mass Measurement	Influenza Vaccine	Papanicolaou Test	Bone Mass Measurement	Influenza Vaccine
Overall Sample						
Positive vs No Screen	1.61 [1.47, 1.77]	1.89 [1.79, 2.01]	1.62 [1.49, 1.76]	1.63 [1.49, 1.78]	1.87 [1.77, 1.98]	1.62 [1.50, 1.75]
Negative vs No Screen	1.63 [1.57, 1.69]	1.69 [1.65, 1.73]	1.64 [1.59, 1.69]	1.63 [1.57, 1.68]	1.68 [1.64, 1.72]	1.63 [1.59, 1.68]
Positive vs Negative	0.99 [0.90, 1.08]	1.12 [1.06, 1.19]	0.99 [0.91, 1.07]	1.00 [0.92, 1.09]	1.11 [1.05, 1.18]	0.99 [0.92, 1.07]
Subgroup of Positive Screeners						
True-positive vs False-positive	1.67 [1.29, 2.15]	3.23 [2.77, 3.76]	0.97 [0.76, 1.23]	1.60 [1.25, 2.04]	3.23 [2.79, 3.74]	0.98 [0.79, 1.23]
False-positive vs True-negative	0.93 [0.84, 1.03]	0.94 [0.89, 1.01]	0.99 [0.90, 1.07]	0.95 [0.87, 1.05]	0.94 [0.89, 1.00]	0.99 [0.91, 1.07]