

## Online Resources

### Online Resource 1.

Breast cancer risk associated with body mass index at screening according to age at screening and menopausal status

	Mean (SD)	No. of cases	No. of women	Age-adjusted HR	95% CI
<b>&lt;55 years at baseline</b>					
BMI at screening, kg/m <sup>2</sup>	25.7 (4.6)				
Per unit increase <sup>a</sup>		2195	186,109	1.00	1.00-1.01
Categories <sup>a</sup>					
Underweight <21		224	20,090	0.95	0.82-1.10
Normal weight 21-24.9		882	75,151	1	
Overweight 25-29.9		762	63,063	1.05	0.95-1.16
Obese ≥30		327	27,805	1.06	0.93-1.20
<25		1,106	95,241	1	
≥25		1,089	90,868	1.06	0.98-1.15
<b>≥55 years at baseline</b>					
BMI at screening, kg/m <sup>2</sup>	25.9 (4.6)				
Per unit increase <sup>a</sup>		4,405	236,396	1.02	1.01-1.03
Categories <sup>a</sup>					
Underweight <21		324	23,085	0.80	0.71-0.90
Normal weight 21-24.9		1,596	88,752	1	
Overweight 25-29.9		1,701	87,767	1.08	1.01-1.15
Obese ≥30		784	36,792	1.19	1.10-1.30
<25		1,920	111,837	1	
≥25		2,485	124,559	1.16	1.09-1.23
<b>Premenopausal <sup>b</sup> at baseline</b>					
BMI at screening, kg/m <sup>2</sup>	25.8 (4.6)				
Per unit increase <sup>a</sup>		805	67,744	1.01	1.00-1.03
Categories <sup>a</sup>					
Underweight <21		78	7,003	0.95	0.74-1.22
Normal weight 21-24.9		323	27,479	1	
Overweight 25-29.9		261	22,948	0.99	0.84-1.17
Obese ≥30		143	10,314	1.25	1.03-1.52
<25		401	34,482	1	
≥25		404	33,262	1.08	0.94-1.24
<b>Postmenopausal <sup>b</sup> at baseline</b>					
BMI at screening, kg/m <sup>2</sup>	26.0 (4.7)				
Per unit increase <sup>a</sup>		2,080	152,688	1.02	1.02-1.03
Categories <sup>a</sup>					
Underweight <21		163	15,831	0.85	0.71-1.00
Normal weight 21-24.9		707	57,019	1	
Overweight 25-29.9		809	54,745	1.18	1.07-1.31
Obese ≥30		401	25,093	1.29	1.14-1.46
<25		870	72,850	1	
≥25		1,210	79,838	1.26	1.15-1.37

Abbreviations: BMI = body mass index, calculated as weight (kg)/height (m)<sup>2</sup>; CI = confidence interval

<sup>a</sup> We excluded women reporting body weight <30 kg and >299 kg or height <120 cm and >203 cm. <sup>b</sup> Restricted to women that had never used HT