

**Appendix 2 (as supplied by the authors): Summary of cohort results published between 2007 and 2010 on alcohol drinking and the risk of upper aerodigestive tract, breast, colon–rectum and liver cancers**

Country/Study Cancer site	Participants, no.	Cases, no.	Significantly increased risk associated with alcohol drinking*	Dose– response <i>p</i> trend
UK/Million Women Study <sup>1</sup>				
Oral cavity and pharynx	1 280 296	758	Yes (women)†	<0.001§
Larynx		138	Yes (women)†	0.008§
Oesophagus		773	Yes (women)†	0.002§
Breast		28 380	Yes (women)†	<0.001§
Colon		4169	No (women)†	0.8§
Rectum		2129	Yes (women)†	0.02§
Liver		337	Yes (women)†	0.03§
Europe/EPIC <sup>2,3</sup>				
UADT	271 253	392	Yes†	<0.001§
Breast	274 688	4285	Yes (women)†	NA§
USA/NIH-AARP <sup>4,5</sup>				
Mouth, pharynx, larynx	492 960	794	Yes†	≤ 0.001
Oesophagus	474 606	97	Yes†	< 0.0001
The Netherlands/NLCS <sup>6,7</sup>				
Oesophagus	120 852	107	Yes†	< 0.001§
Colon-rectum	120 852	2323	Yes†	NA
Japan/JPHC Study <sup>8,9</sup>				
Oesophagus	44 970	215	Yes (men)†	0.001
Breast	50 757	572	Yes (women)†	0.036
Korea <sup>10</sup>				
Oesophagus	782 632	1383	Yes (men)†	NA
USA/NHS <sup>11</sup>				
Oral cavity	87 621	147	Yes (women)†	NA
China (Singapore) <sup>12</sup>				
Oropharynx	61 320	75	Yes†	< 0.0001
India <sup>13</sup>				
Oral cavity	32 347	137	Yes†	0.006
China/Shanghai Cohort Study <sup>14</sup>				
Oesophagus	18 244	121	Yes†	< 0.0001
Taiwan <sup>15</sup>				
Oral cavity	8356	191	No†	NA
USA/WHI-OS <sup>16,17</sup>				
Breast (invasive)	88 530	1783	Yes (women)†	0.009%
Breast (DCIS)	63 822	489	No (women)†	0.44
USA/WHS <sup>18</sup>				
Breast	38 454	1484	Yes (women)	0.02§

USA/VITAL Cohort Study <sup>19</sup>				
Breast	35 023	743	Yes (women)	< 0.0001
Denmark/Danish Nurse Cohort Study <sup>20</sup>				
Breast	17 647	457	Yes (women)	NA
Denmark/CCHS <sup>21</sup>				
Breast	9318	476	Yes (women) †	0.001
USA/Health Professionals Follow-up Study <sup>22</sup>				
Colon-rectum	47 432	868	Yes (men) †	0.0006§
Japan/Miyagi Cohort Study <sup>23</sup>				
Colon-rectum	25 279	307	Yes (men) †	0.0001
UK/EPIC <sup>24</sup>				
Colon-rectum	24 244	407	No†	0.14
Korea/KEPEC Study <sup>25</sup>				
Colon-rectum	14 304	112	No	NA
Finland/KIDH Risk Factor Study <sup>26</sup>				
Colon-rectum	2682	59	Yes†	NA
Taiwan/REVEAL-Hepatitis B virus Cohort <sup>27</sup>				
Liver	2260	135	Yes†	NA

Note: DCIS = ductal carcinoma in situ; NA = not available; UADT = upper aerodigestive tract.

\*Adjusted for several confounders.

†Adjusted for several confounders including smoking.

§For each 10 grams per day increment of ethanol. Ten grams of ethanol are provided by 10 cL of wine 12% or champagne 12%, 25 cL of beer 5% or 3 cL of spirits 40%. In Canada, for example, it is less than one glass of wine (14.2 cL).

%For each gram per day increment of ethanol.

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