

Table 2.34. Studies of consumption of alcoholic beverages and cancer of the lung stratified by smoking status

Reference	Subject and Smoking status	Exposure categories		Risk ratio (95% CI)		Comments
		Cases	Non smokers	Cases	Smokers	
Kubík <i>et al.</i> (2004)	<i>Women</i>					Hospital-based case-control study. Odds ratios for total consumption not presented. Frequency of intake reflected the average consumption during previous 10 years. Reference group was never-drinkers.
	Beer	48	0.83 (0.56–1.23)	116	1.14 (0.82–1.57)	
	Wine	29	0.65 (0.41–1.03)	80	0.69 (0.49–0.98)	
	Spirits	8	0.55 (0.25–1.18)	42	0.82 (0.53–1.27)	
Chao <i>et al.</i> (2008)	<i>Men</i>		All (ever and never smoker)		Ever smokers	Cohort study. “All” category included both never and ever smokers. “Non-drinking” category may also include occasional drinkers who drank less < 1 drink/month
	Nondrinker < 1 drink/wk	79	1.00	73	1.00	
	≥ 1 drink/wk, < 1 drink/day	37	1.25 (0.72–2.20)	32	1.14 (0.63–2.09)	
	≥ 1 drink/day	12	0.50 (0.24–1.07)	9	0.44 (0.19–1.02)	
		4	0.43 (0.13–1.42) <i>p-trend</i> = 0.08	2	0.15 (0.02–1.11) <i>p-trend</i> = 0.03	

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		Cases	Non-smokers	Cases	Smokers			
Shimazu <i>et al.</i> (2008)	<i>Men</i>							Cohort study. Weekly ethanol intake reported in grams per week
	Non-drinker	73	1.23 (0.70–2.17)	138	1.61 (1.03–2.52)			
	Occasional drinker	15	1.00	23	1.00			
	1–149 g/wk	25	0.62 (0.33–1.19)	80	1.44 (0.90–2.30)			
	150–299 g/wk	25	0.69 (0.36–1.32)	92	1.30 (0.82–2.06)			
	300–349 g/wk	16	0.77 (0.38–1.58)	83	1.66 (1.04–2.65)			
	≥ 450 g/wk	10	0.58 (0.26–1.30)	71	1.69 (1.05–2.72)			
			<i>p-trend</i> = 0.49		<i>p-trend</i> = 0.02			
Toriola <i>et al.</i> (2009)	<i>Men</i>							Cohort study. Analysis by smoking status restricted to binge drinkers
	Binge drinkers							
			Nonsmokers (12)	1–19 cigs/day (15)	20–29 cigs/day (22)	≥ 30 cigs/day (16)	< 30 yrs (8)	≥ 30 yrs (45)
			1.49 (0.88–2.56)	2.70 (1.61–4.53)	2.35 (1.38–3.96)	2.24 (1.29–3.80)	2.76 (1.64–4.62)	1.72 (1.02–2.91)
			<i>p</i> -value = 0.14	<i>p</i> -value = ≤ 0.001	<i>p</i> -value = 0.002	<i>p</i> -value = 0.004	<i>p</i> -value = ≤ 0.001	<i>p</i> -value = 0.041