

A. Ages 12–14 2015–2017 (Waves 2–4)

		To				
		Never established use	Non-current use	Cigarette-only use	E-cigarette-only use	Dual use
From	Never established use	98.8 (98.6,99.0)	0.4 (0.3,0.5)	0.2 (0.1,0.3)	0.6 (0.5,0.8)	0.0 (0.0,0.1)
	Non-current use	56.8 (42.3,71.2)	8.7 (1.4,16.1)	32.4 (18.5,46.4)	2.1 (0.1,4.0)	
	Cigarette-only use	20.9 (3.0,38.8)	54.1 (27.6,80.7)	8.9 (2.2,15.6)	16.0 (0.0,33.9)	
	E-cigarette-only use	46.0 (35.0,57.0)	4.8 (1.5,8.1)	47.0 (34.9,59.2)	2.2 (0.0,5.9)	
	Dual use	13.2 (0.4,25.9)	35.2 (0.0,70.6)	12.6 (0.0,36.7)	39.0 (5.9,72.1)	

B. Ages 12–14 2017–2019 (Waves 4–5)

		To				
		Never established use	Non-current use	Cigarette-only use	E-cigarette-only use	Dual use
From	Never established use	98.0 (97.7,98.4)	0.4 (0.3,0.6)	0.1 (0.1,0.2)	1.3 (1.1,1.6)	0.1 (0.0,0.2)
	Non-current use	65.7 (44.6,86.8)	12.5 (1.2,23.8)	16.2 (0.9,31.6)	5.6 (0.0,12.0)	
	Cigarette-only use	2.6 (0.0,6.5)	45.0 (7.2,82.7)	10.5 (0.0,25.6)	41.9 (10.8,73.1)	
	E-cigarette-only use	39.3 (29.2,49.5)	4.3 (0.0,8.6)	52.0 (41.1,62.9)	4.4 (0.0,10.8)	
	Dual use	10.4 (0.0,22.7)	0.8 (0.0,2.3)	28.1 (0.0,57.7)	60.8 (18.0,103.6)	

C. Ages 15–17 2015–2017 (Waves 2–4)

		To				
		Never established use	Non-current use	Cigarette-only use	E-cigarette-only use	Dual use
From	Never established use	91.8 (91.2,92.4)	4.3 (3.8,4.7)	1.0 (0.7,1.2)	2.6 (2.2,3.0)	0.4 (0.3,0.5)
	Non-current use	62.4 (54.8,70.1)	15.1 (9.6,20.7)	18.2 (11.6,24.7)	4.3 (2.6,5.9)	
	Cigarette-only use	21.0 (14.9,27.1)	59.8 (51.1,68.4)	4.0 (2.3,5.8)	15.2 (8.3,22.1)	
	E-cigarette-only use	40.2 (32.5,47.9)	9.6 (7.0,12.1)	39.2 (32.1,46.2)	11.1 (6.8,15.4)	
	Dual use	8.7 (5.3,12.0)	37.7 (27.0,48.4)	4.3 (0.0,9.3)	49.4 (38.2,60.6)	

D. Ages 15–17 2017–2019 (Waves 4–5)

		To				
		Never established use	Non-current use	Cigarette-only use	E-cigarette-only use	Dual use
From	Never established use	92.4 (91.7,93.0)	1.2 (1.0,1.5)	0.6 (0.4,0.8)	5.4 (4.9,6.0)	0.4 (0.3,0.5)
	Non-current use	54.5 (44.9,64.2)	8.6 (5.3,11.9)	33.3 (24.5,42.1)	3.6 (2.4,4.7)	
	Cigarette-only use	10.8 (5.8,15.8)	61.1 (51.2,70.9)	5.8 (3.1,8.5)	22.3 (13.9,30.7)	
	E-cigarette-only use	23.5 (18.5,28.5)	2.9 (1.7,4.0)	66.1 (60.9,71.4)	7.5 (5.0,10.0)	
	Dual use	4.4 (2.1,6.8)	18.4 (5.4,31.4)	14.9 (5.8,24.0)	62.3 (44.1,80.4)	

E. Ages 18–24 2015–2017 (Waves 2–4)

		To				
		Never established use	Non-current use	Cigarette-only use	E-cigarette-only use	Dual use
From	Never established use	95.7 (95.2,96.1)	1.7 (1.4,2.0)	1.4 (1.2,1.7)	1.0 (0.8,1.3)	0.2 (0.1,0.2)
	Non-current use	73.3 (70.1,76.5)	19.4 (16.5,22.3)	5.7 (4.1,7.3)	1.7 (1.3,2.0)	
	Cigarette-only use	13.7 (12.2,15.1)	77.6 (75.5,79.6)	1.9 (1.2,2.6)	6.9 (5.7,8.1)	
	E-cigarette-only use	32.9 (27.7,38.2)	10.6 (8.4,12.7)	45.3 (39.1,51.4)	11.2 (8.2,14.3)	
	Dual use	9.0 (7.5,10.6)	43.5 (38.2,48.8)	13.3 (10.0,16.5)	34.2 (28.5,39.9)	

F. Ages 18–24 2017–2019 (Waves 4–5)

		To				
		Never established use	Non-current use	Cigarette-only use	E-cigarette-only use	Dual use
From	Never established use	96.4 (96.1,96.8)	1.1 (0.9,1.4)	0.6 (0.4,0.7)	1.8 (1.5,2.1)	0.1 (0.1,0.1)
	Non-current use	78.9 (76.1,81.7)	8.3 (6.7,9.9)	11.8 (9.4,14.2)	1.1 (0.8,1.3)	
	Cigarette-only use	10.0 (8.2,11.9)	76.6 (74.1,79.0)	3.2 (1.9,4.5)	10.2 (8.3,12.0)	
	E-cigarette-only use	19.3 (15.8,22.8)	1.7 (1.4,2.1)	73.0 (68.8,77.2)	6.0 (3.7,8.2)	
	Dual use	3.8 (2.7,4.8)	15.2 (10.6,19.9)	20.3 (15.0,25.7)	60.6 (54.1,67.2)	

G. Ages 25–34 2015–2017 (Waves 2–4)

To

		Never established use	Non-current use	Cigarette-only use	E-cigarette-only use	Dual use
From	Never established use	97.8 (95.5,100.1)	1.2 (0.0,4.3)	0.8 (0.1,1.5)	0.2 (0.0,0.8)	0.1 (0.0,0.2)
	Non-current use	84.0 (51.2,116.8)	13.6 (0.0,40.6)	1.7 (0.0,6.0)	0.7 (0.0,2.2)	
	Cigarette-only use	11.6 (0.0,32.3)	82.0 (63.2,100.8)	1.3 (0.0,2.7)	5.1 (0.0,12.2)	
	E-cigarette-only use	19.4 (0.0,44.0)	7.5 (0.8,14.2)	59.7 (29.1,90.2)	13.5 (0.0,28.7)	
	Dual use	4.9 (0.0,10.1)	43.3 (35.3,51.3)	9.6 (6.5,12.7)	42.2 (35.9,48.5)	

H. Ages 25–34 2017–2019 (Waves 4–5)

To

		Never established use	Non-current use	Cigarette-only use	E-cigarette-only use	Dual use
From	Never established use	98.8 (97.6,100.1)	0.5 (0.1,0.8)	0.5 (0.0,1.0)	0.2 (0.0,0.8)	0.0 (0.0,0.1)
	Non-current use	90.4 (69.8,110.9)	7.4 (0.0,22.3)	1.9 (0.0,6.8)	0.3 (0.0,1.2)	
	Cigarette-only use	7.8 (0.0,31.4)	85.2 (64.4,106.1)	1.7 (0.0,5.0)	5.2 (0.0,12.9)	
	E-cigarette-only use	13.7 (0.0,33.0)	2.0 (0.0,4.5)	75.6 (49.6,101.5)	8.7 (0.0,20.0)	
	Dual use	2.2 (0.0,4.8)	23.0 (16.6,29.5)	11.8 (7.1,16.6)	63.0 (55.8,70.2)	

I. Ages 35–54 2015–2017 (Waves 2–4)

To

		Never established use	Non-current use	Cigarette-only use	E-cigarette-only use	Dual use
From	Never established use	98.4 (98.0,98.7)	1.0 (0.7,1.3)	0.5 (0.4,0.7)	0.1 (0.0,0.1)	0.0 (0.0,0.0)
	Non-current use	94.1 (93.1,95.2)	4.9 (3.9,5.8)	0.8 (0.4,1.1)	0.2 (0.1,0.3)	
	Cigarette-only use	7.3 (6.4,8.2)	88.7 (87.7,89.8)	0.6 (0.3,0.9)	3.4 (2.8,3.9)	
	E-cigarette-only use	20.6 (15.3,26.0)	8.2 (6.0,10.4)	55.2 (48.1,62.4)	15.9 (11.7,20.1)	
	Dual use	3.9 (3.0,4.7)	46.2 (40.8,51.5)	9.8 (6.5,13.1)	40.1 (34.7,45.5)	

J. Ages 35–54 2017–2019 (Waves 4–5)

To

		Never established use	Non-current use	Cigarette-only use	E-cigarette-only use	Dual use
From	Never established use	99.3 (99.1,99.5)	0.4 (0.2,0.6)	0.2 (0.1,0.3)	0.0 (0.0,0.1)	0.0 (0.0,0.0)
	Non-current use	96.4 (95.6,97.1)	2.9 (2.3,3.5)	0.7 (0.4,0.9)	0.1 (0.1,0.1)	
	Cigarette-only use	6.0 (5.2,6.8)	89.9 (88.8,91.0)	0.7 (0.4,1.0)	3.4 (2.7,4.1)	
	E-cigarette-only use	11.3 (7.2,15.3)	1.2 (0.6,1.8)	81.8 (76.9,86.7)	5.7 (3.0,8.5)	
	Dual use	1.2 (0.8,1.5)	26.5 (20.8,32.2)	3.7 (1.4,5.9)	68.7 (62.3,75.1)	

K. Ages 55–90 2015–2017 (Waves 2–4)

To

		Never established use	Non-current use	Cigarette-only use	E-cigarette-only use	Dual use
From	Never established use	97.7 (97.1,98.3)	2.0 (1.4,2.5)	0.3 (0.2,0.4)	0.0 (0.0,0.1)	0.0 (0.0,0.0)
	Non-current use	97.7 (97.2,98.2)	2.0 (1.5,2.5)	0.2 (0.1,0.4)	0.0 (0.0,0.0)	
	Cigarette-only use	8.3 (6.9,9.8)	89.6 (88.1,91.1)	0.6 (0.3,0.9)	1.5 (1.0,2.0)	
	E-cigarette-only use	10.1 (5.2,14.9)	3.2 (1.5,5.0)	78.3 (70.9,85.7)	8.4 (4.2,12.6)	
	Dual use	2.6 (2.0,3.3)	43.5 (36.6,50.5)	6.3 (1.4,11.3)	47.5 (39.3,55.7)	

L. Ages 55–90 2017–2019 (Waves 4–5)

To

		Never established use	Non-current use	Cigarette-only use	E-cigarette-only use	Dual use
From	Never established use	99.3 (99.0,99.5)	0.6 (0.3,0.8)	0.2 (0.1,0.3)	0.0 (0.0,0.0)	0.0 (0.0,0.0)
	Non-current use	98.8 (98.4,99.1)	1.0 (0.7,1.3)	0.2 (0.0,0.5)	0.0 (0.0,0.0)	
	Cigarette-only use	6.7 (5.2,8.1)	91.6 (90.1,93.2)	0.4 (0.2,0.7)	1.3 (0.7,1.8)	
	E-cigarette-only use	11.4 (6.0,16.8)	1.0 (0.2,1.9)	84.1 (77.8,90.5)	3.4 (0.8,6.1)	
	Dual use	1.8 (1.2,2.5)	37.1 (27.5,46.6)	5.6 (1.0,10.3)	55.5 (45.2,65.8)	