

Supplementary Table SI. Combustible Cigarette Use History Among Adults Reporting Current E-Cigarette Use, by Age Group and Calendar Year, All of Us Research Program, 2017–2023

Year	Age [years]	Never	Former	Current
		% (95% CI)	% (95% CI)	% (95% CI)
Overall	18–24	59.2 (57.7–60.7)	10.6 (9.6–11.5)	22.8 (21.6–24.1)
	25–44	17.0 (16.4–17.6)	31.0 (30.3–31.8)	48.0 (47.2–48.8)
	45–64	6.9 (6.3–7.6)	32.4 (31.3–33.6)	57.8 (56.5–59.0)
	≥ 65	6.6 (4.8–8.9)	44.0 (40.0–48.1)	47.4 (43.3–51.4)
2017	18–24	51.5 (38.9–64.0)	6.1 (1.7–14.8)	30.3 (19.6–42.9)
	25–44	15.3 (10.3–21.4)	24.3 (18.2–31.3)	55.9 (48.3–63.4)
	45–64	7.2 (2.7–15.1)	24.1 (15.4–34.7)	63.9 (52.6–74.1)
	≥ 65	Not reported ^a	40.0 (5.3–85.3)	60.0 (14.7–94.7)
2018	18–24	50.7 (46.3–55.1)	9.2 (6.9–12.0)	33.0 (29.0–37.2)
	25–44	14.1 (12.6–15.7)	21.7 (19.9–23.6)	60.7 (58.5–62.9)
	45–64	6.8 (5.3–8.6)	21.7 (19.1–24.4)	68.7 (65.7–71.6)
	≥ 65	4.8 (1.3–11.8)	41.7 (31.0–52.9)	52.4 (41.2–63.4)
2019	18–24	54.6 (51.5–57.7)	9.1 (7.4–11.0)	30.0 (27.3–32.9)
	25–44	15.6 (14.4–16.9)	21.6 (20.2–23.0)	58.8 (57.1–60.5)
	45–64	6.6 (5.5–7.9)	22.3 (20.3–24.3)	67.9 (65.5–70.1)
	≥ 65	7.4 (3.9–12.5)	33.1 (26.0–40.9)	55.8 (47.9–63.6)
2020	18–24	51.6 (45.2–58.0)	14.6 (10.5–19.7)	28.9 (23.3–35.0)
	25–44	12.9 (10.7–15.4)	28.5 (25.5–31.7)	54.1 (50.7–57.5)
	45–64	7.7 (5.3–10.8)	32.1 (27.6–36.9)	57.0 (52.0–61.9)
	≥ 65	5.4 (1.1–14.9)	55.4 (41.5–68.7)	39.3 (26.5–53.2)
2021	18–24	59.9 (55.4–64.2)	11.3 (8.6–14.4)	20.8 (17.3–24.6)
	25–44	16.1 (14.4–17.9)	35.1 (32.8–37.4)	45.0 (42.7–47.4)
	45–64	7.3 (5.4–9.7)	39.8 (35.9–43.8)	50.4 (46.4–54.4)
	≥ 65	10.8 (3.0–25.4)	43.2 (27.1–60.5)	46.0 (29.5–63.1)
2022	18–24	65.5 (62.2–68.6)	11.4 (9.4–13.8)	16.0 (13.6–18.6)
	25–44	19.0 (17.6–20.5)	38.1 (36.3–39.8)	38.9 (37.1–40.7)
	45–64	7.2 (5.7–8.9)	43.2 (40.2–46.1)	47.3 (44.3–50.3)
	≥ 65	5.5 (2.2–10.9)	44.5 (35.8–53.6)	49.2 (40.3–58.2)
2023	18–24	65.2 (62.1–68.2)	11.0 (9.0–13.1)	14.6 (12.4–17.0)
	25–44	19.6 (18.3–21.0)	38.4 (36.8–40.0)	37.7 (36.1–39.3)
	45–64	6.6 (5.3–8.1)	41.6 (38.9–44.3)	48.9 (46.1–51.6)
	≥ 65	7.6 (3.7–13.6)	54.2 (45.3–62.9)	35.1 (27.0–43.9)

Note. Values are percentages with 95% confidence intervals and represent the distribution of combustible cigarette use categories among adults reporting current e-cigarette use.

^a Not reported because cell sizes were small and estimates were statistically unreliable.

Row percentages may not sum to 100% because a small proportion of participants had missing or unclassified combustible cigarette use status.

Supplementary Table SII. Combustible Cigarette Use History Among Adults Reporting Daily E-Cigarette Use, by Age Group and Calendar Year, All of Us Research Program, 2017–2023

Year	Age [years]	Never	Former	Current
		% (95% CI)	% (95% CI)	% (95% CI)
Overall	18–24	48.9 (46.4–51.4)	18.8 (17.0–20.8)	24.0 (21.9–26.2)
	25–44	10.8 (10.0–11.6)	51.6 (50.3–52.9)	34.4 (33.1–35.6)
	45–64	4.8 (4.0–5.8)	55.7 (53.6–57.7)	36.4 (34.5–38.4)
	≥ 65	4.0 (1.9–7.2)	63.2 (56.9–69.2)	31.6 (25.9–37.8)
2017	18–24	23.1 (5.0–53.8)	15.4 (1.9–45.4)	46.2 (19.2–74.9)
	25–44	4.8 (0.6–16.2)	54.8 (38.7–70.2)	40.5 (25.6–56.7)
	45–64	7.1 (0.9–23.5)	53.6 (33.9–72.5)	35.7 (18.6–55.9)
	≥ 65	Not reported ^a	Not reported ^a	Not reported ^a
2018	18–24	28.0 (19.8–37.6)	23.4 (15.7–32.5)	43.9 (34.3–53.9)
	25–44	7.2 (5.2–9.7)	44.5 (40.3–48.7)	45.9 (41.7–50.2)
	45–64	5.0 (2.7–8.3)	47.3 (41.2–53.6)	44.7 (38.5–50.9)
	≥ 65	Not reported ^a	64.5 (45.4–80.8)	32.3 (16.7–51.4)
2019	18–24	41.6 (36.1–47.4)	18.0 (13.9–22.8)	33.1 (27.9–38.7)
	25–44	7.5 (5.9–9.3)	44.5 (41.4–47.6)	45.2 (42.1–48.4)
	45–64	4.8 (3.1–7.0)	40.9 (36.6–45.2)	50.3 (45.9–54.7)
	≥ 65	3.1 (0.4–10.7)	55.4 (42.5–67.7)	41.5 (29.4–54.4)
2020	18–24	36.9 (26.6–48.1)	31.0 (21.3–42.0)	28.6 (19.2–39.5)
	25–44	7.7 (5.0–11.4)	46.3 (40.5–52.2)	42.3 (36.6–48.1)
	45–64	3.4 (1.1–7.8)	58.5 (50.1–66.6)	34.7 (27.0–43.0)
	≥ 65	8.7 (1.1–28.0)	69.6 (47.1–86.8)	21.7 (7.5–43.7)
2021	18–24	46.9 (40.3–53.6)	18.0 (13.2–23.6)	25.4 (19.9–31.6)
	25–44	9.3 (7.3–11.5)	55.3 (51.7–58.8)	32.2 (28.9–35.6)
	45–64	2.7 (1.1–5.5)	60.5 (54.3–66.5)	33.0 (27.3–39.0)
	≥ 65	5.9 (0.2–28.7)	58.8 (32.9–81.6)	35.3 (14.2–61.7)
2022	18–24	56.9 (52.0–61.7)	17.5 (14.0–21.4)	18.4 (14.8–22.5)
	25–44	13.3 (11.5–15.2)	55.4 (52.7–58.1)	28.3 (26.0–30.8)
	45–64	5.1 (3.3–7.4)	63.7 (59.2–67.9)	29.6 (25.6–33.9)
	≥ 65	3.8 (0.5–13.0)	64.2 (49.8–76.9)	32.1 (19.9–46.3)
2023	18–24	55.4 (50.6–60.0)	17.9 (14.4–21.7)	16.1 (12.8–19.8)
	25–44	13.2 (11.6–14.8)	54.2 (51.8–56.6)	28.7 (26.6–30.9)
	45–64	5.7 (4.0–7.8)	62.7 (58.8–66.6)	28.7 (25.2–32.4)
	≥ 65	5.0 (1.0–13.9)	68.3 (55.0–79.7)	23.3 (13.4–36.0)

Note. Values are percentages with 95% confidence intervals and represent the distribution of combustible cigarette use categories among adults reporting daily e-cigarette use.

^a Not reported because cell sizes were small and estimates were statistically unreliable.

Row percentages may not sum to 100% because a small proportion of participants had missing or unclassified combustible cigarette use status.