

Supplemental Table 1. Providers' Estimated Prevalence of Substance Use among All Adolescents and Young Adults and Among their Patients

Pairwise Two-Sided Multiple Comparison Analysis			
Dwass, Steel, Critchlow-Fligner Method			
substance	Wilcoxon Z	DSCF Value	Pr > DSCF
10-17 Year Olds, All Adolescents			
cigarette vs. e-cigarette	6.605	9.341	<.0001
cigarette vs. hookah	15.436	21.830	<.0001
cigarette vs. marijuana	-5.157	7.294	<.0001
cigarette vs. blunts	12.234	17.302	<.0001
cigarette vs. alcohol	-13.241	18.726	<.0001
e-cigarette vs. hookah	10.110	14.297	<.0001
e-cigarette vs. marijuana	-10.069	14.240	<.0001
e-cigarette vs. blunts	6.797	9.613	<.0001
e-cigarette vs. alcohol	-16.552	23.409	<.0001
hookah vs. marijuana	-16.626	23.513	<.0001
hookah vs. blunts	-2.778	3.929	0.061
hookah vs. alcohol	-20.411	28.865	<.0001
marijuana vs. blunts	14.219	20.109	<.0001
marijuana vs. alcohol	-8.123	11.487	<.0001
blunts vs. alcohol	-18.804	26.593	<.0001
10-17 Year Olds, Your Adolescent Patients			
cigarette vs. e-cigarette	7.828	11.071	<.0001
cigarette vs. hookah	15.728	22.243	<.0001
cigarette vs. marijuana	-6.782	9.591	<.0001
cigarette vs. blunts	9.631	13.620	<.0001
cigarette vs. alcohol	-12.623	17.851	<.0001
e-cigarette vs. hookah	8.490	12.006	<.0001
e-cigarette vs. marijuana	-12.641	17.878	<.0001
e-cigarette vs. blunts	2.777	3.927	0.0612
e-cigarette vs. alcohol	-17.317	24.490	<.0001
hookah vs. marijuana	-18.523	26.196	<.0001
hookah vs. blunts	-4.941	6.988	<.0001
hookah vs. alcohol	-21.733	30.735	<.0001
marijuana vs. blunts	13.572	19.194	<.0001
marijuana vs. alcohol	-5.550	7.849	<.0001
blunts vs. alcohol	-17.461	24.694	<.0001
18-26 Year Olds, All Adolescents			
cigarette vs. e-cigarette	5.688	8.044	<.0001
cigarette vs. hookah	14.254	20.159	<.0001
cigarette vs. marijuana	-7.489	10.592	<.0001
cigarette vs. blunts	11.215	15.861	<.0001
cigarette vs. alcohol	-20.152	28.499	<.0001
e-cigarette vs. hookah	10.052	14.216	<.0001
e-cigarette vs. marijuana	-11.174	15.803	<.0001
e-cigarette vs. blunts	6.998	9.897	<.0001
e-cigarette vs. alcohol	-21.352	30.197	<.0001

hookah vs. marijuana	-16.694	23.609	<.0001
hookah vs. blunts	-2.468	3.491	0.1336
hookah vs. alcohol	-22.612	31.978	<.0001
marijuana vs. blunts	14.569	20.604	<.0001
marijuana vs. alcohol	-16.357	23.132	<.0001
blunts vs. alcohol	-21.906	30.980	<.0001
18-26 Year Olds, Your Adolescent Patients			
cigarette vs. e-cigarette	8.159	11.539	<.0001
cigarette vs. hookah	15.585	22.040	<.0001
cigarette vs. marijuana	-7.969	11.270	<.0001
cigarette vs. blunts	11.158	15.779	<.0001
cigarette vs. alcohol	-21.635	30.597	<.0001
e-cigarette vs. hookah	8.920	12.615	<.0001
e-cigarette vs. marijuana	-13.961	19.743	<.0001
e-cigarette vs. blunts	4.889	6.914	<.0001
e-cigarette vs. alcohol	-23.894	33.791	<.0001
hookah vs. marijuana	-18.883	26.704	<.0001
hookah vs. blunts	-2.693	3.808	0.0766
hookah vs. alcohol	-24.937	35.266	<.0001
marijuana vs. blunts	15.559	22.004	<.0001
marijuana vs. alcohol	-16.943	23.961	<.0001
blunts vs. alcohol	-23.699	33.515	<.0001

Supplemental Table 2: Providers' Perception of Harm and Addiction of Various Substances

Pairwise Two-Sided Multiple Comparison Analysis Dwass, Steel, Critchlow-Fligner Method			
substance	Wilcoxon Z	DSCF Value	Pr > DSCF
How addictive do you think these products are?			
cigarette vs. e-cigarette	-9.845	13.922	<.0001
cigarette vs. hookah	-17.468	24.704	<.0001
cigarette vs. marijuana	-19.671	27.819	<.0001
cigarette vs. blunts	-19.114	27.031	<.0001
cigarette vs. alcohol	-18.594	26.296	<.0001
e-cigarette vs. hookah	-9.552	13.509	<.0001
e-cigarette vs. marijuana	-11.967	16.925	<.0001
e-cigarette vs. blunts	-11.165	15.789	<.0001
e-cigarette vs. alcohol	-10.111	14.299	<.0001
hookah vs. marijuana	-1.974	2.792	0.357
hookah vs. blunts	-1.034	1.462	0.907
hookah vs. alcohol	0.601	0.849	0.991
marijuana vs. blunts	1.021	1.444	0.911
marijuana vs. alcohol	2.866	4.053	0.048
blunts vs. alcohol	1.801	2.547	0.465
Imagine an adolescent/young adult used the products below 2 to 3 times a day, every day. How harmful would it be for their health?			
cigarette vs. e-cigarette	-8.269	11.694	<.0001
cigarette vs. hookah	-7.088	10.024	<.0001
cigarette vs. marijuana	-6.585	9.313	<.0001
cigarette vs. blunts	-5.697	8.057	<.0001
cigarette vs. alcohol	0.820	1.159	0.964
e-cigarette vs. hookah	1.422	2.011	0.714
e-cigarette vs. marijuana	1.931	2.731	0.383
e-cigarette vs. blunts	2.908	4.113	0.042
e-cigarette vs. alcohol	9.026	12.765	<.0001
hookah vs. marijuana	0.514	0.727	0.996
hookah vs. blunts	1.503	2.125	0.662
hookah vs. alcohol	7.870	11.130	<.0001
marijuana vs. blunts	0.989	1.398	0.922
marijuana vs. alcohol	7.371	10.424	<.0001
blunts vs. alcohol	6.495	9.185	<.0001

Supplemental Table 3: Provider Comfort Level with and Screening and Referral Practices for Substances

Pairwise Two-Sided Multiple Comparison Analysis			
Dwass, Steel, Critchlow-Fligner Method			
substance	Wilcoxon Z	DSCF Value	Pr > DSCF
How comfortable do you feel talking to your adolescent/young adult patients about the following products?			
cigarette vs. e-cigarette	10.656	15.070	<.0001
cigarette vs. hookah	15.275	21.602	<.0001
cigarette vs. marijuana	5.524	7.813	<.0001
cigarette vs. blunts	14.458	20.447	<.0001
cigarette vs. alcohol	1.402	1.983	0.726
e-cigarette vs. hookah	6.187	8.750	<.0001
e-cigarette vs. marijuana	-5.409	7.650	<.0001
e-cigarette vs. blunts	5.430	7.680	<.0001
e-cigarette vs. alcohol	-9.365	13.244	<.0001
hookah vs. marijuana	-10.860	15.359	<.0001
hookah vs. blunts	-0.484	0.684	0.997
hookah vs. alcohol	-14.178	20.051	<.0001
marijuana vs. blunts	10.044	14.204	<.0001
marijuana vs. alcohol	-4.148	5.867	0.001
blunts vs. alcohol	-13.355	18.887	<.0001
How confident are you that you could explain the health effects of each of these products to your patients?			
cigarette vs. e-cigarette	15.233	21.543	<.0001
cigarette vs. hookah	18.278	25.849	<.0001
cigarette vs. marijuana	9.779	13.829	<.0001
cigarette vs. blunts	16.240	22.967	<.0001
cigarette vs. alcohol	1.815	2.566	0.456
e-cigarette vs. hookah	4.849	6.857	<.0001
e-cigarette vs. marijuana	-6.710	9.489	<.0001
e-cigarette vs. blunts	2.537	3.587	0.114
e-cigarette vs. alcohol	-13.888	19.641	<.0001
hookah vs. marijuana	-11.008	15.567	<.0001
hookah vs. blunts	-1.992	2.818	0.347
hookah vs. alcohol	-17.134	24.231	<.0001
marijuana vs. blunts	8.586	12.142	<.0001
marijuana vs. alcohol	-8.164	11.546	<.0001
blunts vs. alcohol	-15.005	21.220	<.0001
What percentage of your patients 10-17 do you screen for: (scale of 0-100)			
cigarette vs. e-cigarette	13.030	18.427	<.0001
cigarette vs. hookah	20.821	29.445	<.0001
cigarette vs. marijuana	3.358	4.749	0.010
cigarette vs. blunts	18.316	25.902	<.0001
cigarette vs. alcohol	1.990	2.815	0.348
e-cigarette vs. hookah	9.932	14.046	<.0001
e-cigarette vs. marijuana	-10.150	14.354	<.0001
e-cigarette vs. blunts	7.738	10.943	<.0001

e-cigarette vs. alcohol	-11.384	16.100	<.0001
hookah vs. marijuana	-18.839	26.642	<.0001
hookah vs. blunts	-1.642	2.322	0.571
hookah vs. alcohol	-19.682	27.834	<.0001
marijuana vs. blunts	16.365	23.143	<.0001
marijuana vs. alcohol	-1.400	1.980	0.727
blunts vs. alcohol	-17.170	24.281	<.0001
What percentage of your patients between 18-26 do you screen for: Cigarettes			
cigarette vs. e-cigarette	12.985	18.364	<.0001
cigarette vs. hookah	20.858	29.498	<.0001
cigarette vs. marijuana	4.126	5.836	0.001
cigarette vs. blunts	18.630	26.346	<.0001
cigarette vs. alcohol	2.070	2.927	0.303
e-cigarette vs. hookah	10.016	14.165	<.0001
e-cigarette vs. marijuana	-9.737	13.770	<.0001
e-cigarette vs. blunts	8.008	11.325	<.0001
e-cigarette vs. alcohol	-11.518	16.289	<.0001
hookah vs. marijuana	-18.668	26.401	<.0001
hookah vs. blunts	-1.406	1.989	0.723
hookah vs. alcohol	-19.938	28.196	<.0001
marijuana vs. blunts	16.341	23.110	<.0001
marijuana vs. alcohol	-2.124	3.004	0.275
blunts vs. alcohol	-17.618	24.916	<.0001
What percentage of your patients 10-17 do you counsel about:			
cigarette vs. e-cigarette	13.093	18.517	<.0001
cigarette vs. hookah	20.738	29.327	<.0001
cigarette vs. marijuana	3.332	4.712	0.011
cigarette vs. blunts	18.400	26.022	<.0001
cigarette vs. alcohol	1.182	1.672	0.846
e-cigarette vs. hookah	9.822	13.891	<.0001
e-cigarette vs. marijuana	-10.137	14.336	<.0001
e-cigarette vs. blunts	7.595	10.741	<.0001
e-cigarette vs. alcohol	-12.086	17.092	<.0001
hookah vs. marijuana	-18.568	26.259	<.0001
hookah vs. blunts	-1.645	2.327	0.568
hookah vs. alcohol	-19.877	28.111	<.0001
marijuana vs. blunts	16.171	22.869	<.0001
marijuana vs. alcohol	-2.194	3.103	0.241
blunts vs. alcohol	-17.500	24.749	<.0001
What percentage of your patients 18-26 do you counsel about:			
cigarette vs. e-cigarette	11.792	16.676	<.0001
cigarette vs. hookah	19.848	28.069	<.0001
cigarette vs. marijuana	3.981	5.630	0.001
cigarette vs. blunts	17.804	25.179	<.0001
cigarette vs. alcohol	1.232	1.742	0.821
e-cigarette vs. hookah	10.263	14.513	<.0001
e-cigarette vs. marijuana	-8.407	11.889	<.0001

e-cigarette vs. blunts	8.530	12.064	<.0001
e-cigarette vs. alcohol	-10.859	15.357	<.0001
hookah vs. marijuana	-17.581	24.864	<.0001
hookah vs. blunts	-1.070	1.514	0.893
hookah vs. alcohol	-19.123	27.044	<.0001
marijuana vs. blunts	15.524	21.954	<.0001
marijuana vs. alcohol	-2.846	4.025	0.051
blunts vs. alcohol	-17.039	24.097	<.0001
What percentage of your patients 10-17 do you refer for cessation treatment if they say they use any of the substances below			
cigarette vs. e-cigarette	7.315	10.345	<.0001
cigarette vs. hookah	10.420	14.736	<.0001
cigarette vs. marijuana	0.442	0.625	0.998
cigarette vs. blunts	6.836	9.668	<.0001
cigarette vs. alcohol	-1.140	1.612	0.865
e-cigarette vs. hookah	3.228	4.566	0.016
e-cigarette vs. marijuana	-7.327	10.361	<.0001
e-cigarette vs. blunts	-0.711	1.005	0.981
e-cigarette vs. alcohol	-8.947	12.653	<.0001
hookah vs. marijuana	-10.591	14.978	<.0001
hookah vs. blunts	-4.014	5.677	0.001
hookah vs. alcohol	-12.197	17.250	<.0001
marijuana vs. blunts	6.808	9.629	<.0001
marijuana vs. alcohol	-1.640	2.319	0.572
blunts vs. alcohol	-8.443	11.941	<.0001
What percentage of your patients 18-26 do you refer for cessation treatment if they say they use any of the substances below?			
cigarette vs. e-cigarette	8.360	11.823	<.0001
cigarette vs. hookah	12.285	17.374	<.0001
cigarette vs. marijuana	2.451	3.466	0.139
cigarette vs. blunts	8.640	12.219	<.0001
cigarette vs. alcohol	0.735	1.040	0.978
e-cigarette vs. hookah	4.380	6.194	0.000
e-cigarette vs. marijuana	-6.557	9.273	<.0001
e-cigarette vs. blunts	0.176	0.249	1.000
e-cigarette vs. alcohol	-9.037	12.781	<.0001
hookah vs. marijuana	-10.844	15.336	<.0001
hookah vs. blunts	-4.261	6.026	0.000
hookah vs. alcohol	-13.543	19.152	<.0001
marijuana vs. blunts	6.813	9.636	<.0001
marijuana vs. alcohol	-2.039	2.884	0.320
blunts vs. alcohol	-9.285	13.131	<.0001