Washington's Young Adult Health Survey: Lessons Learned from a Decade of Data



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Before we get started...

• Special thank you to:

- Sandy Salivaras
- Sarah Mariani
- Kristen Haley
- Dustin Dickson

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Funded by Division of Behavioral Health & Recovery (DBHR): Sarah Mariani Sandy Salivaras Young Adult Health Young Adult Health Survey (YAHS) Young State Health Care Authority (Division of Behavioral Health and Recovery (PF: Klmer).

Young Adult Health Survey Recruitment... A Reminder of the Main Steps

- Participants recruited using a combination of direct mail advertising to a random sample from DOL, as well as online advertising (Facebook, Craigslist, Instagram, study web site, etc.)
- Assessed demographics on ongoing basis and modified strategies to recruit under-represented groups
- Convenience sample, not a random sample

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Post-stratification weighting and analyses

- To improve generalizability, used post-stratification weights based on sex, race, and geographic region
- Weighted results are consistently very similar to nonweighted

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Young Adult Health Survey

• Each year we collect data from a new cohort of 18-25 year olds

Sample sizes ov	er time
• Cohort 1 (2014):	2,101
•Cohort 2 (2015):	1,675
•Cohort 3 (2016):	2,493
•Cohort 4 (2017):	2,342
•Cohort 5 (2018):	2,412
•Cohort 6 (2019):	1,942
•Cohort 7 (2020)	1,643
• Cohort 8 (2021):	1,756
• Cohort 9 (2022):	1,110
• <u>Cohort 10 (2023)</u> :	1,237
• TOTAL:	18,711

Young Adult Health Survey

- Each year we have followed up with previous cohorts (participants in Cohort 1, 18-25 in 2014, are largely 28-35 now)
- In Year 10, we paused on cohorts 2, 3, 4, and 5 (but got follow-up data from cohorts 1, 6, 7, 8, and 9)

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What do we see with ten years of data?

Any past year "recreational"/non-medical/personal use: Cohorts 4-8 higher than Cohort 1													
	Cohort 1 (2014)	Cohort 2 (2015)	Cohort 3 (2016)	Cohort 4 (2017)	Cohort 5 (2018)	Cohort 6 (2019)	Cohort 7 (2020)	Cohort 8 (2021)	Cohort 9 (2022)	Cohort 10 (2023)	Total across 10 years		
18-20	18-20 43.27% 44.82% 40.94% 43.41% 44.42% 43.68% 40.39% 44.89% 39.11% 36.57% 42.52%												
21-25	21-25 43.67% 47.09% 46.55% 49.75% 50.87% 49.61% 52.29% 55.21% 53.60% 51.90% 49.57%												
TOTAL	TOTAL 43.51% 46.29% 44.76% 47.43% 48.49% 47.24% 47.94% 51.19% 47.26% 46.24% 46.95%												
Cohort Compa	t vs. Coho red to Coh Cohort 4 (i Cohort 5 (i Cohort 5 (i Cohort 7 (i Cohort 8 (i Source:)	rts 2-10: ort 1, signif t=2.29, p<.0 t=2.96, p<.0 t=2.11, p<.0 t=2.41, p<.0 t=4.19, p<.0 Young Adu	icantly high 05; odds rat 01; odds rat 05; odds rat 05; odds rat 001; odds ri t Health Su	tio = 1.171; tio = 1.222; tio = 1.163; tio = 1.196; atio = 1.362 urvey, Preli	nce for Cohort 4 h Cohort 5 h Cohort 6 h Cohort 7 h 2; Cohort 8 minary Da	aas 17% hig aas 22% hig aas 16% hig aas 20% hig has 36% hi ta Report t	her odds o her odds o her odds o her odds o gher odds o DBHR, Fé	f non-medi f non-medi f non-medi f non-medi of non-medi 2bruary 20	cal cannab cal cannab cal cannab cal cannab dical cannai 24, Kilmer	is use than is use than is use than is use than bis use than (PI)	Cohort 1) Cohort 1) Cohort 1) Cohort 1) Cohort 1)		



	Any Sig	past y gnifica	/ear "r nt inci	ecreat reasing	ional" g linea	'/non- ir tren	medic d for :	al/pei 18-25	rsonal year o	use: Ids			
	Cohort 1 (2014)	Cohort 2 (2015)	Cohort 3 (2016)	Cohort 4 (2017)	Cohort 5 (2018)	Cohort 6 (2019)	Cohort 7 (2020)	Cohort 8 (2021)	Cohort 9 (2022)	Cohort 10 (2023)	Total across 10 years		
18-20	43.27%	44.82%	40.94%	43.41%	44.42%	43.68%	40.39%	44.89%	39.11%	36.57%	42.52%		
21-25	23 43.67% 47.09% 46.55% 49.75% 50.87% 49.61% 52.29% 55.21% 53.60% 51.90% 49.57%												
TOTAL	OTAL 43.51% 46.29% 44.76% 47.43% 48.49% 47.24% 47.94% 51.19% 47.26% 46.24% 46.95%												
Line Sigr odd <u>Age</u>	ear trend i nificant (t= is ratio = 1 • by cohor • Signifi Source:	from Cohe 3.14, p<.0 1.0198; od t interacti cant (t=4.) Young Adu	ort 1 to Co 11 ds of non- <u>on:</u> 51, p<.001 It Health Si	hort 10: medical ca) urvey, Preli	innabis us	e are 2.0% ta Report t	i higher w	ith each su	uccessive y 24. Kilmer	(PI)	rt)		









	At least monthly "recreational"/non-medical/personal use: Significant increasing trend for 21-25 year olds													
	Cohort 1 (2014)	Cohort 2 (2015)	Cohort 3 (2016)	Cohort 4 (2017)	Cohort 5 (2018)	Cohort 6 (2019)	Cohort 7 (2020)	Cohort 8 (2021)	Cohort 9 (2022)	Cohort 10 (2023)	Total across 10 years			
18-20	24.08%	24.88%	21.19%	23.56%	27.06%	23.24%	23.17%	24.16%	26.21%	20.15%	23.85%			
21-25	23.63% 23.56% 25.12% 28.07% 27.88% 29.55% 33.81% 33.86% 31.65% 30.87%													
TOTAL	AL 23.81% 24.03% 23.84% 26.46% 27.62% 27.09% 29.90% 30.11% 29.19% 26.87% 26.64%													
Mod 18-2 21-2	el split by o 0: • No s 5: • Signi • Odd:	over/under ignificant li ficant incre s ratio = 1.0 Sour	21 near trend asing trend 161 (odds o rce: Young	d over time f non-medi Adult Heal	(t=6.74, p< cal cannabi th Survey, I	:.001) is use are 6 Preliminary	.1% higher r Data Repo	with each s	uccessive	year/cohor 2024, Kilm	t) her (PI)			











At least weekly "recreational"/non-medical/personal use: Significant increasing trend for 18-25 year olds														
	Cohort 1 (2014)	Cohort 2 (2015)	Cohort 3 (2016)	Cohort 4 (2017)	Cohort 5 (2018)	Cohort 6 (2019)	Cohort 7 (2020)	Cohort 8 (2021)	Cohort 9 (2022)	Cohort 10 (2023)	Total across 10 years			
18-20	18-20 16.51% 13.43% 13.30% 15.40% 18.56% 14.41% 15.21% 16.86% 16.40% 14.42% 15.55% 21-25 16.86% 16.21% 18.55% 18.42% 19.22% 21.39% 24.07% 24.59% 21.93% 24.89% 20.13%													
21-25	1-25 16.86% 16.21% 18.55% 18.42% 19.22% 21.39% 24.07% 24.59% 21.93% 24.89% 20.13%													
TOTAL	16.72%	15.23%	16.85%	17.37%	19.03%	18.59%	20.84%	21.62%	19.47%	20.84%	18.43%			
Li Si	Linear trend Significant (t=5.19, p<.001); Odds ratio = 1.043													
Α	Age by cohort interaction:													
S	ignificant	t (t=2.93,	p<.01)											
		Sou	urce: Young	Adult Hea	Ith Survey,	Prelimina	ry Data Rep	port to DBH	IR, Februar	y 2024, Kil	mer (PI)			

	At lea	ast we Signif	ekly "ı icant i	recrea ncrea	tional' sing tr	'/non- end fo	medio r 21-2	al/pei 5 yeai	rsonal r olds	use:	
	Cohort 1 (2014)	Cohort 2 (2015)	Cohort 3 (2016)	Cohort 4 (2017)	Cohort 5 (2018)	Cohort 6 (2019)	Cohort 7 (2020)	Cohort 8 (2021)	Cohort 9 (2022)	Cohort 10 (2023)	Total across 10 years
18-20	16.51%	13.43%	13.30%	15.40%	18.56%	14.41%	15.21%	16.86%	16.40%	14.42%	15.55%
21-25	16.86%	16.21%	18.55%	18.42%	19.22%	21.39%	24.07%	24.59%	21.93%	24.89%	20.13%
TOTAL	16.72%	15.23%	16.85%	17.37%	19.03%	18.59%	20.84%	21.62%	19.47%	20.84%	18.43%
Model : 18-20: 21-25:	 No signi Signification Signification 	r/under 21 ficant linear int increasin vith each su	trend g trend ove ccessive yea	r time (t=6. ar/cohort)	27, p<.001;	odds ratio	= 1.065, odd	ls of non+m	edical canna	abis use are	6.5%
		Sou	urce: Young	g Adult Hea	Ith Survey	Prelimina	ry Data Rep	port to DBH	HR, Februar	y 2024, Kil	mer (PI)





	Cohort 1	Cohort 2	Cohort 3	Cohort 4	Cohort 5	Cohort 6	Cohort 7	Cohort 8	Cohort 9	Cohort 10
	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Vever	56.49%	53.71%	55.24%	52.57%	51.51%	52.76%	52.06%	48.81%	52.74%	53.76%
Once a year	7.53%	8.28%	8.00%	6.36%	6.67%	6.41%	5.86%	7.13%	5.70%	5.75%
2-3x/year	8.58%	9.60%	9.72%	10.21%	10.52%	9.77%	8.76%	9.79%	9.23%	9.38%
every other mont	h 3.59%	4.38%	3.20%	4.40%	3.68%	3.97%	3.42%	4.15%	3.13%	4.25%
Once a month	3.15%	3.55%	3.06%	3.58%	3.24%	3.72%	4.29%	3.67%	2.87%	2.33%
2-3x/month	3.94%	5.24%	3.94%	5.51%	5.35%	4.77%	4.77%	4.82%	6.86%	3.70%
Lx/week	2.49%	2.75%	2.90%	2.38%	2.61%	2.92%	3.36%	3.23%	3.12%	3.43%
More than 1x/wk	5.26%	4.39%	4.63%	4.29%	4.81%	4.63%	5.25%	6.36%	5.16%	4.37%
every other day	2.63%	3.44%	2.35%	3.55%	3.60%	2.85%	3.93%	4.29%	3.06%	2.64%
very day	6.34%	4.65%	6.97%	7.14%	8.01%	8.19%	8.30%	7.74%	8.14%	10.39%

Note: ** Daily use is higher in Cohort 10 than at any time **

Linear trend from Cohort 1 to Cohort 10: Significant increasing trend over time (t=4.70, p<.001, Odds ratio = 1.028)





	Cohort 1 2014	Cohort 2 2015	Cohort 3 2016	Cohort 4 2017	Cohort 5 2018	Cohort 6 2019	Cohort 7 2020	Cohort 8 2021	Cohort 9 2022	Cohort 10 2023	
Never 🤇	2.41%	2.42%	1.61%	2.31%	2.06%	1.50%	2.38%	1.92%	3.05%	2.44%	
Once a year	1.82%	2.10%	1.74%	1.92%	1.27%	0.75%	1.32%	1.15%	1.37%	1.01%	
2 to 3 times a year	8.22%	10.12%	6.73%	6.40%	3.89%	3.31%	2.23%	3.87%	3.95%	4.53%	
Every other month	6.98%	7.29%	5.32%	4.59%	3.14%	3.90%	4.42%	3.48%	2.93%	3.37%	
Once a month	9.74%	11.15%	10.41%	9.07%	6.88%	5.51%	6.39%	7.07%	6.63%	6.66%	
2-3x/month	17.98%	19.68%	19.83%	18.91%	13.47%	13.93%	14.32%	14.04%	14.38%	12.69	
Once per week	12.65%	12.72%	15.43%	13.89%	14.28%	12.91%	12.64%	14.11%	13.24%	11.519	
More than 1x/wk	22.08%	20.70%	21.42%	23.94%	27.12%	25.90%	28.57%	29.17%	25.76%	26.735	
Every other day	9.27%	6.87%	8.56%	8.65%	11.10%	12.25%	13.10%	10.45%	13.14%	12.035	
Every day 🛛 🤇	8.84%	6.95%	8.96%	10.31%	16.79%	20.03%	14.62%	14.75%	15.57%	19.02	
Every other day 9.27% 6.87% 8.56% 8.05% 11.00% 12.45% 13.10% 10.45% 13.14% 12.00 Every day 8.84% 6.95% 8.96% 10.31% 16.79% 20.33% 14.62% 14.75% 15.57% 19.00 * in ordinal logistic models, Cohort 4 (#-2.57, pc.01), Cohort 5 (#-10.67, pc.001), Cohort 5 (#-2.86, pc.001), Cohort 7 (#-9.72, pc.001), Cohort 5 (#-3.05, pc.001), Cohort 7 (#-9.72, pc.001), Cohort 5 (#-3.05, pc.001), Cohort 7 (#-9.72, pc.001), Cohort 7 (#-9.72, pc.001), Cohort 7 (#-9.72, pc.001), cohort 10 (#-5.55, pc.001) have higher precived non-medical comobin ones compared to cohort 1 (#-10.677, pc.001), Cohort 1 (#-10.677, pc.001), Cohort 1 (#-10.677, pc.001), Cohort 1 (#-10.677, pc.001), Cohort 1 (#-3.35, pc.001) ** ** Overall, a significant increasing linear trend over time (t=18.72, pc.001) **											





Decreasing trend signification	int nt									
WHERE DO PEOPLE GET (ANNABIS.	18-20 v	ear olds							
	Cohort 1 C 2014	ohort 2 2015	Cohort 3 2016	Cohort 4 2017	Cohort 5 2018	Cohort 6 <u>2019</u>	Cohort 7 <u>2020</u>	Cohort 8 2021	Cohort 9 <u>2022</u>	Cohort 10 2023
From friends	72.86%	76.24%	69.68%	77.40%	63.75%	60.74%	66.87%	65.62%	59.68%	58.06%
Gave money to someone	23.29%	26.47%	34.72%	41.45%	39.29%	43.17%	40.55%	39.80%	37.62%	33.36%
Got it from someone w/	17.60%	14.12%	4.30%	5.24%	2.79%	2.82%	4.27%	4.58%	4.10%	1.62%
medical card										
Got it from a medical dispensary	13.65%	18.99%	5.58%	4.72%	6.50%	8.28%	8.41%	12.03%	3.40%	7.53%
Got it at a party	22.99%	22.14%	23.08%	24.92%	20.12%	22.91%	8.82%	24.67%	16.43%	10.98%
Got it from family	5.65%	5.18%	11.75%	9.75%	11.24%	10.92%	13.49%	7.09%	11.36%	9.67%
Got it some other way	11.64%	4.12%	6.12%	9.02%	7.30%	6.21%	5.04%	6.24%	3.62%	4.28%
Bought from retail store	0.99%	4.58%	1.73%	1.92%	2.03%	3.55%	1.58%	1.03%	3.08%	1.53%
Got it from parents w/	5.75%	6.02%	12.33%	10.44%	11.69%	12.91%	13.08%	13.91%	12.38%	15.77%
permission										
Grew it themselves	1.91%	1.15%	1.65%	0.23%	1.47%	2.78%	1.64%	0.42%	0.59%	0.56%
Stole it from store/dispense	ary 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.16%	2.40%	0.00%	0.57%

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Decreasing trend signific Increasing trend significa	ant ant									
WHERE DO PEOPLE GET	CANNAB Cohort 1 2014	IS, 21-25 Cohort 2 <u>2015</u>	year olds Cohort 3 (<u>2016</u>	Cohort 4 2017	Cohort 5 2018	Cohort 6	Cohort 7 2020	Cohort 8 <u>2021</u>	Cohort 9 2022	Cohort 10 2023
From friends	67.50%	54.89%	42.78%	36.51%	33.80%	25.72%	20.26%	26.44%	26.04%	21.17%
Gave money to someone	19.87%	10.72%	8.10%	5.64%	4.97%	3.63%	5.08%	4.61%	7.75%	4.46%
Got it from someone w/ medical card	18.85%	9.41%	2.53%	2.02%	0.17%	0.65%	0.27%	0.62%	1.16%	1.03%
Got it from a med. dispensary	20.65%	13.03%	12.60%	9.96%	10.15%	14.23%	14.71%	15.62%	16.02%	16.90%
Got it at a party	11.81%	10.76%	10.93%	8.06%	6.54%	5.76%	1.57%	7.12%	10.93%	3.87%
Got it from family	11.48%	8.26%	4.08%	7.04%	5.76%	4.37%	4.02%	5.52%	4.56%	4.04%
Got it some other way	5.13%	6.68%	3.29%	3.41%	3.71%	3.71%	1.24%	2.13%	1.85%	1.97%
Bought from retail store	8.80%	51.86%	72.60%	76.31%	80.06%	78.03%	77.27%	74.42%	70.93%	72.28%
Got it from parents w/ permission	4.56%	3.50%	2.02%	4.28%	4.47%	3.15%	2.75%	4.75%	4.41%	5.79%
Grew it themselves	1.51%	3.01%	1.49%	1.82%	1.81%	0.71%	1.11%	1.74%	0.79%	1.16%
Stole it from store/ dispensary	2.84%	0.17%	0.60%	0.29%	0.17%	0.11%	0.97%	0.43%	0.69%	0.78%

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DRIVING AFTER CANNABIS USE

Driving after cannabis use "During the past 30 days, how many times did you drive a car or other vehicle within three hours after using cannabis (e.g., marijuans, habita, edites)?"

marijuana, nasnis	in, eaiblesj	r								
	\frown									\frown
	Cohort 1	Cohort 2	Cohort 3	Cohort 4	Cohort 5	Cohort 6	Cohort 7	Cohort 8	Cohort 9	Cohort 10
	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Never	50.59%	55.29%	58.19%	58.56%	58.73%	61.80%	65.00%	66.38%	64.64%	68.69%
1 time	14.13%	13.13%	12.50%	12.85%	12.11%	8.32%	9.56%	10.25%	10.27%	7.70%
2-3 times	13.28%	12.34%	11.97%	11.98%	10.59%	11.66%	11.24%	10.51%	11.50%	9.83%
4-5 times	6.43%	4.35%	3.48%	4.48%	6.04%	4.00%	4.51%	4.39%	2.53%	3.40%
6 or more times	15.57%	14.88%	13.85%	12.12%	12.52%	14.21%	9.69%	8.47%	11.05%	10.38%
			_	_	_	_	~		_	

**There are declines in driving after cannabis use between coharts 3-10 and cohort 1 (cohort 3, p: G5; cohort 4, p: G1; cohort 5, p: G0; cohort 6, p: G0; cohort 7, p: G0; co

Medical cannabis

- Cohort 9 past year medical cannabis use (11.96%) is significantly lower than Cohort 1 (14.74%)
- Same difference on overall frequency such that Cohort 9 is different than Cohort 1
- Perceptions of medical use increasing significantly (both a linear trend, and past 7 cohorts higher than cohort 1)

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Other substances

- Significant decreasing trend in:
 Alcohol, at least once in past year
- Alcohol, at least monthly
- Cigarettes, at least once in the past year
- Pain relievers to get high, at least once in the past year
- Heroin use, at least once in the past year

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Perceived risk

- Cannabis
- nysical risk of occasional cannabis use
- Psyc al risk of occ Physical risk of regular cannabis use
- Psychological/emotional risk of regular cannabis use
- Alcohol
- Physical risk of 2 drinks every day
 Psychological risk of 2 drinks every day
 Physical risk of 5+ drinks every weekend
- Psychological risk of 5+ drinks every weekend

Source: Young Adult Health Survey, Preliminary Data Report to DBHR, Kilmer (PI) ** significant increasing lin

Some frequency data of note from Cohort 10 (2023)

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Substance	18-20	21-25
Alcohol	57.39%	86.81%
E-cigarettes/nicotine vaping	24.61%	27.67%
Cigarettes	10.65%	17.23%
Cannabis for medical purposes	9.11%	14.21%
Cannabis for non-medical purposes	36.57%	51.90%
"Synthetic marijuana" (K2, spice, etc.)	2.32%	2.99%
Heroin	0%	0.50%
Pain relievers to get high	2.09%	2.73%
Methamphetamines	2.24%	1.49%

Substance	18-20	21-25
Cocaine	2.05%	5.88%
Kratom	1.65%	2.31%
Hallucinogens (LSD, psilocybin, mushrooms, DMT, etc.) at full dose	7.44%	11.67%
Hallucinogens (LSD, psilocybin, mushrooms, DMT, etc.) as microdose	7.15%	11.31%
Fentanyl	0.89%	0.73%

	18-20 (n=167)	21-25 (n=530)
I did not have a usual type	7.60%	4.97%
Beer	18.93%	24.35%
Flavored malt beverages, such as	6.46%	7.68%
omirnoff Ice, Bacardi Silver, or Hard Lem	onade	
Wine coolers, such as Bartles &	0.28%	1.27%
laymes or Seagrams		
□ Wine	6.13%	14.27%
Liquor, such as vodka, rum, scotch,	39.77%	25.36%
pourbon, or whiskey		
Some other type (please specify)	2.88%	4.70%
□ Hard cider	6.76%	9.66%
□ Hard seltzer	11.19%	7.74%

Typical potency (among those with past	30 day us	e)
Typical potency in preferred method of use	18-20	21-25
1-10% THC	5.05%	8.97%
11-20% THC	6.82%	5.12%
21-30% THC	7.49%	19.35%
31-40% THC	5.67%	5.40%
41-50% THC	2.13%	2.59%
51-60% THC	0.86%	0.45%
61-70% THC	1.49%	3.17%
71-80% THC	13.36%	6.43%
81-90%+ THC	16.33%	14.02%
Don't know	40.80%	34.51%

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Substance	18-20	21-25
CBD applied topically	15.15%	19.20%
CBD used any other way	13.50%	23.08%
Delta 8 THC	11.31%	9.12%
Delta 10 THC	8.40%	6.19%

Stepping out of our dataset for a bit...National Center for Health Statistics (NCHS) and Centers for Disease Control (CDC) Household Pulse Survey

https://www.cdc.gov/nchs/covid19/pulse/mental-health.htm









Over the last two weeks, how often have you been bothered by any of the following problems

<u>18-20</u>)-year-olds (n = 469)	21-25-year-olds (n = 764)
Not at all:	28.10%	21.67%
Several days:	41.09%	40.04%
More than half the days:	18.15%	21.71%
Noarly every day:	12.66%	16 5 9%
 Not being able to stop o 	r control worrying	10.55%
 Not being able to stop o 18–20 	r control worrying)-year-olds (n = 469)	21-25-year-olds (n = 764)
 Not being able to stop o <u>18−20</u> Not at all: 	r control worrying <u>)-year-olds (n = 469)</u> 45.35%	<u>21–25-year-olds (n = 764)</u> 35.69%
2. Not being able to stop o <u>18−20</u> □ Not at all: □ Several days:	r control worrying <u>-year-olds (n = 469)</u> 45.35% 29.41%	<u>21-25-year-olds (n = 764)</u> 35.69% 37.37%
2. Not being able to stop o <u>18–20</u> Dot at all: Several days: More than half the days:	r control worrying <u>-year-olds (n = 469)</u> 45.35% 29.41% 16.50%	21–25-year-olds (n = 764) 35.69% 37.37% 14.15%

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Over the last two weeks, how often have you been bothered by any of the following problems

in doing things	
D-year-olds (n = 469)	21-25-year-olds (n = 764)
40.26%	38.47%
37.75%	36.48%
14.87%	15.64%
7.12%	9.41%
, or hopeless)-year-olds (n = 468)	21–25-year-olds (n = 764)
46.27%	41.17%
34.32%	37.40%
13.06%	12.40%
	in doing things <u>>-year-olds (n = 469)</u> 40.26% 37.75% 14.87% 7.12% or hopeless <u>>-year-olds (n = 468)</u> 46.27% 34.32% 13.06%

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Young Adult Health Survey

- 2024 will see our 11th year of data collection
- We had paused on longitudinal follow-up of Cohorts 2-5, and, with a partnership between DOH and DBHR, will collect data from all previous 10 cohorts and a new cohort 11

Young Adult Health Survey

 Dr. Katarina Guttmannova applied for and obtained a secondary data analysis grant (NIDA grant R01DA047996, PI: Guttmannova) that has led to several publications using YAHS (beyond what we pass on as part of the contract).

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Young Adult Health Survey

 Dr. Guttmannova also received a second secondary data analysis grant (NIDA R01DA057705) focusing on changes before and during the COVID-19 pandemic among young adults
 Findings from this project will inform tailoring and development of prevention and intervention efforts aimed at reducing health risk behaviors and improving public health







Los significantes en regels starge per les 15% en ser esta significantes en esta significantes en esta les articles de la serie de las series de las deputations les si en articular de la serie de las series de las deputations les si en articular de la serie de las series de las deputations de la serie de las series en las series de las

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