Number of valid responses: 960

Den	nogra	aphics
	0.	

Demographics	
How do you identify in terms of gender?	
Male	39.3%
Female	59.9
Non-binary	0.8
What is your ethnicity?	
Caucasian	63.0%
Asian	21.9
Two or more	5.4
Hispanic	3.6
Black	2.5
American Indian or Alaskan Native	0.0
Native Hawaiian or Other Pacific Islander	0.0
Unknown	3.5
- 11111	5.5
Where do you attend medical school?	
Allopathic (MD)	31.9%
Osteopathic (DO)	68.1%
Where have you spent the majority of your time since March 2020?	
Rural	18.9%
Urban	81.1
Ranges of populations	
Less than 10,000	7.9%
10,000-24,999	35.9
25,000-49,999	38.3
50,000-99,999	17.9
100,000 or more	0.0
What year are you in medical school?	
First	35.2%
Second	27.3
Third	22.1
Fourth	15.2
Fifth	0.2
Sixth	0.0
	0.0
Which are you currently in:	62.70/
Didactic years	63.7%
Clinical years	35.3
If you are currently in didactic years, what type of curriculum is your	
school utilizing?	
In person	1.0%
Virtual	25.0
Combination	74.0
If you are in clinical years, what rotation are you currently doing?	
Family Medicine	14.5%
Internal Medicine	18.2
General Surgery	9.5
Psychiatry	5.5
Pediatrics	13.3
Women's Health	8.4
Other	30.6

#### COVID

Has been diagnosed with COVID-19		8.3%
Has a loved one (family or friend) who h with COVID-19	as been diagnosed	60.5%
Knows someone who has died of COVID	-19	24.7%
Has had contact with patients with COV	ID-19	
Yes, as part of my education		24.6%
Yes, on a volunteer basis		9.5
No		65.9
Level of worry about contracting COVID	-19	
	Mean [Scale 1-10] (SD)	5.67 (2.42)
Not worried at all (1-3)		19.9%
Somewhat worried (4-6)		45.4
Very worried (7-10)		34.7

#### Depression/anxiety

Over the last 2 weeks, how often has been bothered by

More than half the days (8-11 days)

Nearly every day (12-14 days)

Lit	ttle	inter	est c	or p	leasure	in	doing	things
				, b	casarc		~~6	

Not at all (0 days)	38.2%
Several days (1-7 days)	42.8
More than half the days (8-11 days)	14.0
Nearly every day (12-14 days)	5.0
Feeling down, depressed, or hopeless	
Not at all (0 days)	39.7%
Several days (1-7 days)	40.1
More than half the days (8-11 days)	14.7
Nearly every day (12-14 days)	5.5
Feeling nervous, anxious, or on edge	
Not at all (0 days)	20.1%
Several days (1-7 days)	38.2
More than half the days (8-11 days)	26.1
Nearly every day (12-14 days)	15.6
Not being able to stop or control worrying	
Not at all (0 days)	40.1%
Several days (1-7 days)	35.2

Probable Case of Depression [PHQ-2]: 25.1% Probable Case of Anxiety [GAD-2]: 40.4%

16.0

8.7

Tillal Study Itesalt	5
Burnout	
Degree of agreement with each of the statements on scale of 1	
(totally disagree) to 7 (totally agree)	Percent Agreement
I think the dedication I invest in my studies is more than what I should for my health	48.0%
I neglect my personal life when I pursue important achievements in my studies	72.4%
I risk my health when I pursue good results in my studies	57.2%
I overlook my own needs to fulfill academic demands	71.6%
I would like to be pursuing a different career that is more challenging for my abilities	2.4%
I feel that my studies are an obstacle to the development of my abilities	21.4%
I would like to be pursuing a different career where I can better develop my talents	6.9%
My studies don't offer me opportunities to develop my abilities	15.8%
When things in school don't turn out as well as they should, I stop trying	8.9%
I give up in response to difficulties in school	5.0%
I give up in the face of any difficulties in my academic tasks	4.3%
When the effort I invest in school is not enough, I give up	6.5%
Overload Dimension:	15.9%
Lack of Development Dimension:	6.5%
Neglect Dimension:	12.0%
Suicidal ideation	
Since March 2020, seriously considered harming self and/or taking life?	7.2%
Started or increased substance use (alcohol, marijuana, or	
other drugs) to cope with pandemic-related stress or emotions	19.0%
Access to mental health resources	
Medical school has a counselor or other mental health professional available	95.4%
Use of mental health resources:	
I have never accessed a counselor, therapist, or psychiatrist	47.9%
I accessed a counselor, therapist, or psychiatrist only prior	
to March 2020 I accessed a counselor, therapist, or psychiatrist only after	20.4
March 2020	11.7
I accessed a counselor, therapist, or psychiatrist both before and after March 2020	20.0
Has person/people in life feel comfortable talking about emotions	92.1%

#### Demographics

Which are you currently in:

 Didactic years
 605 (63.7%)

 Clinical years
 345 (36.3%)

	Didactic Year	Clinical Year	
	Respondents	Respondents	ρ value
Over the last 2 weeks, how often has been bothered by			
Little interest or pleasure in doing things			
Not at all (0 days)	36.9%	40.9%	
Several days (1-7 days)	44.1	40.9	.628
More than half the days (8-11 days)	13.9	13.9	.020
Nearly every day (12-14 days)	5.1	4.3	
Feeling down, depressed, or hopeless			
Not at all (0 days)	39.3%	40.6%	
Several days (1-7 days)	40.7	39.1	.972
More than half the days (8-11 days)	14.7	14.8	.972
Nearly every day (12-14 days)	5.3	5.5	
PHQ-2 Mean Score (SD)	1.73 (1.56)	1.67 (1.59)	.555
Probable Case of Depression [PHQ-2]:	24.8%	25.2%	.885
Feeling nervous, anxious, or on edge			
Not at all (0 days)	18.0%	24.4%	
Several days (1-7 days)	39.8	34.5	004
More than half the days (8-11 days)	27.0	24.9	.091
Nearly every day (12-14 days)	15.2	16.2	
Not being able to stop or control worrying			
Not at all (0 days)	39.0%	42.6%	
Several days (1-7 days)	36.2	32.8	.691
More than half the days (8-11 days)	16.2	15.9	.091
Nearly every day (12-14 days)	8.6	8.7	
GAD-2 Mean Score (SD)	2.34 (1.78)	2.24 (1.86)	.415
Probable Case of Anxiety [GAD-2]:	40.8%	40.0%	.803

<del></del>	Didactic Year	Clinical Year	ı
Degree of agreement with each of the statements on scale	Respondents	Respondents	ρ value
of 1 (totally disagree) to 7 (totally agree)			
I think the dedication I invest in my studies is more than	what I should for m	ny health	
Mean (SD)	4.27 (1.80)	4.07 (1.80)	.100
Percent Agreement	51.1%	42.9%	.082
I neglect my personal life when I pursue important achie	vements in my stud	lies	
Mean (SD)	5.08 (1.65)	4.95 (1.79)	.266
Percent Agreement	74.5%	68.5%	.366
I risk my health when I pursue good results in my studies	S		
Mean (SD)	4.38 (1.79)	4.51 (1.87)	.316
Percent Agreement	57.0%	57.7%	.433
I overlook my own needs to fulfill academic demands			
Mean (SD)	4.95 (1.73)	4.98 (1.86)	.808
Percent Agreement	71.0%	72.0%	.137
I would like to be pursuing a different career that is mor	e challenging for my	y abilities	
Mean (SD)	1.62 (1.07)	1.79 (1.30)	.033
Percent Agreement	1.7%	3.9%	.282
I feel that my studies are an obstacle to the developmen	t of my abilities		
Mean (SD)	2.93 (1.65)	3.20 (1.84)	.029
Percent Agreement	18.4%	26.8%	.014
I would like to be pursuing a different career where I car	n better develop my	talents	
Mean (SD)	1.86 (1.36)	2.14 (1.51)	.005
Percent Agreement	5.5%	9.5%	.031
My studies don't offer me opportunities to develop my a			
Mean (SD)	2.58 (1.66)	2.65 (1.65)	.504
Percent Agreement	16.1%	15.2%	.700
When things in school don't turn out as well as they sho			
Mean (SD)	2.09 (1.40)	2.17 (1.43)	.439
Percent Agreement	8.7%	9.5%	.894
I give up in response to difficulties in school			
Mean (SD)	1.84 (1.21)	1.84 (1.20)	.940
Percent Agreement	5.0%	5.1%	.935
I give up in the face of any difficulties in my academic ta			
Mean (SD)	1.74 (1.16)	1.77 (1.18)	.674
Percent Agreement	4.2%	4.8%	.840
When the effort I invest in school is not enough, I give u			
Mean (SD)	1.90 (1.29)	1.92 (1.23)	.813
Percent Agreement	6.7%	6.3%	.854
Overload Dimension:	42.02 (2.05)	42.02 (4.27)	=0-
Mean Score (SD)	12.92 (3.95)	13.02 (4.27)	.722
Percent Agreement	13.7%	19.6%	.018
Lack of Development Dimension:	11.04 (2.56)	11 47 /2 04	530
Mean Score (SD)	11.01 (3.56)	11.17 (3.91)	.538
Percent Agreement	5.9%	7.4%	.346
Neglect Dimension:	11 20 /4 22\	11 70 /4 (5)	446
Mean Score (SD)	11.30 (4.23)	11.79 (4.65)	.116
Percent Agreement	11.2%	13.7%	.267

	Didactic Year	Clinical Year	
	Respondents	Respondents	ρ value
Since March 2020, seriously considered harming self			
and/or taking life	7.4%	6.8%	.755
Substance Use			
	Didactic Year	Clinical Year	
	Respondents	Respondents	ρ value
Started or increased substance use (alcohol, marijuana, or			
other drugs) to cope with pandemic-related stress or			
emotions	18.5%	19.9%	.587

#### Demographics

White 605 (65.3%)
Non-White 321 (34.7%)

	White Respondents	Non-White Respondents	ρ value
Over the last 2 weeks, how often has been bothered by			
Little interest or pleasure in doing things			
Not at all (0 days)	41.2%	32.1%	
Several days (1-7 days)	41.5	45.5	.027
More than half the days (8-11 days)	13.2	15.6	.027
Nearly every day (12-14 days)	4.1	6.8	
Feeling down, depressed, or hopeless			
Not at all (0 days)	43.0%	33.3%	
Several days (1-7 days)	38.5	42.7	026
More than half the days (8-11 days)	13.7	16.8	.026
Nearly every day (12-14 days)	4.8	7.2	
PHQ-2 Mean Score (SD)	1.61 (1.56)	1.95 (1.61)	.002
Probable Case of Depression [PHQ-2]:	23.0%	29.3%	.035
Feeling nervous, anxious, or on edge			
Not at all (0 days)	19.5%	20.2%	
Several days (1-7 days)	37.5	39.6	0.00
More than half the days (8-11 days)	26.8	24.6	.869
Nearly every day (12-14 days)	16.2	15.6	
Not being able to stop or control worrying			
Not at all (0 days)	41.5%	37.4%	
Several days (1-7 days)	35.4	34.6	270
More than half the days (8-11 days)	15.2	17.7	.378
Nearly every day (12-14 days)	7.9	10.3	
GAD-2 Mean Score (SD)	2.29 (1.79)	2.36 (1.85)	.565
Probable Case of Anxiety [GAD-2]:	41.0%	40.2%	.812

<sup>\*</sup> Excludes the 34 respondents whose race is unknown.

	White	Non-White	
	Respondents	Respondents	ρ value
Degree of agreement with each of the statements on scale of 1 (totally disagree) to 7 (totally agree)			
I think the dedication I invest in my studies is more than	what I should for m	ny health	
Mean (SD)	4.20 (1.80)	4.18 (1.80)	.871
Percent Agreement	48.7%	47.0%	.870
I neglect my personal life when I pursue important achie	evements in my stud	dies	
Mean (SD)	4.99 (1.75)	5.13 (1.57)	.249
Percent Agreement	71.4%	75.1%	.304
I risk my health when I pursue good results in my studies	S		
Mean (SD)	4.34 (1.87)	4.60 (1.68)	.034
Percent Agreement	54.9%	62.5%	.120
I overlook my own needs to fulfill academic demands			
Mean (SD)	4.93 (1.80)	5.02 (1.73)	.510
Percent Agreement	71.2%	72.6%	.076
I would like to be pursuing a different career that is more	e challenging for m	v abilities	
Mean (SD)	1.57 (1.07)	1.85 (1.26)	.001
Percent Agreement	1.9%	3.5%	.012
I feel that my studies are an obstacle to the developmen	it of my abilities		
Mean (SD)	2.98 (1.75)	3.09 (1.68)	.340
Percent Agreement	21.9%	20.5%	.101
I would like to be pursuing a different career where I can	hetter develon my	, talents	
Mean (SD)	1.80 (1.31)	2.23 (1.52)	.000
Percent Agreement	5.1%	9.5%	.000
My studies don't offer me opportunities to develop my a			
Mean (SD)	2.52 (1.67)	2.71 (1.61)	.111
Percent Agreement	15.3%	16.4%	.146
When things in school don't turn out as well as they sho			
Mean (SD)	1.99 (1.33)	2.30 (1.53)	.002
Percent Agreement	7.9%	11.0%	.000
I give up in response to difficulties in school			
Mean (SD)	1.71 (1.09)	2.04 (1.37)	.000
Percent Agreement	3.4%	8.2%	.004
I give up in the face of any difficulties in my academic tas			
Mean (SD)	1.61 (1.01)	1.96 (1.33)	.000
Percent Agreement	2.7%	7.3%	.003
When the effort I invest in school is not enough, I give up		7.075	
Mean (SD)	1.77 (1.15)	2.09 (1.43)	.001
Percent Agreement	4.9%	9.8%	.021
Overload Dimension:	1.370	3.070	.021
Mean Score (SD)	12.63 (4.01)	13.46 (4.10)	.003
Percent Agreement	14.0%	18.9%	.050
_	1070	13.370	.050
<u>Lack of Development Dimension:</u> Mean Score (SD)	10.70 (3.56)	11.63 (3.69)	.000
Percent Agreement	5.4%	7.9%	.138
-	J. <del>T</del> /0	7.570	.130
Neglect Dimension:	11 00 /4 22\	12 00 (4 25)	001
Mean Score (SD) Percent Agreement	11.08 (4.33) 10.4%	12.08 (4.35) 14.5%	.001 .070
reitent Agreement	10.470	14.5%	.070

	White	Non-White	
	Respondents	Respondents	ρ value
Since March 2020, seriously considered harming self			
and/or taking life	6.1%	9.2%	.083
Substance Use			
	White	Non-White	
	Respondents	Respondents	ρ value
Started or increased substance use (alcohol, marijuana, or			
other drugs) to cope with pandemic-related stress or			
emotions	20.1%	16.5%	.185

#### Demographics

Male 377 (39.6%) Female 575 (60.4%)

	Male Respondents	Female Respondents	ρ value
Over the last 2 weeks, how often has been bothered by			
Little interest or pleasure in doing things			
Not at all (0 days)	42.4%	35.8%	
Several days (1-7 days)	41.7	43.3	.096
More than half the days (8-11 days)	11.1	15.8	.090
Nearly every day (12-14 days)	4.8	5.1	
Feeling down, depressed, or hopeless			
Not at all (0 days)	47.5%	35.0%	
Several days (1-7 days)	36.1	42.8	.002
More than half the days (8-11 days)	12.2	16.1	.002
Nearly every day (12-14 days)	4.2	6.1	
PHQ-2 Mean Score (SD)	1.51 (1.55)	1.83 (1.58)	.002
Probable Case of Depression [PHQ-2]:	20.4%	27.8%	.010
Feeling nervous, anxious, or on edge			
Not at all (0 days)	28.4%	15.0%	
Several days (1-7 days)	39.8	37.0	000
More than half the days (8-11 days)	20.7	29.7	.000
Nearly every day (12-14 days)	11.1	18.3	
Not being able to stop or control worrying			
Not at all (0 days)	50.4%	33.4%	
Several days (1-7 days)	35.0	35.5	.000
More than half the days (8-11 days)	9.0	20.7	.000
Nearly every day (12-14 days)	5.6	10.4	
GAD-2 Mean Score (SD)	1.84 (1.70)	2.59 (1.80)	.000
Probable Case of Anxiety [GAD-2]:	30.8%	46.6%	.000

<sup>\*</sup> Excludes the 8 non-binary respondent.

	Male Respondents	Female Respondents	ρ value
Degree of agreement with each of the statements on scale	кезропаентз	Кезропаента	p value
of 1 (totally disagree) to 7 (totally agree)			
I think the dedication I invest in my studies is more than	what I should for m	ny health	
Mean (SD)	4.05 (1.86)	4.27 (1.76)	.067
Percent Agreement	43.8%	50.6%	.028
I neglect my personal life when I pursue important achie	evements in my stud	lies	
Mean (SD)	4.69 (1.82)	5.26 (1.58)	.000
Percent Agreement	65.1%	77.0%	.000
I risk my health when I pursue good results in my studies	S		
Mean (SD)	4.25 (1.91)	4.54 (1.74)	.019
Percent Agreement	53.2%	59.6%	.100
I overlook my own needs to fulfill academic demands			
Mean (SD)	4.69 (1.86)	5.14 (1.69)	.000
Percent Agreement	65.7%	75.4%	.000
I would like to be pursuing a different career that is more	e challenging for m	y abilities	
Mean (SD)	1.84 (1.26)	1.57 (1.06)	.001
Percent Agreement	3.5%	1.6%	.017
I feel that my studies are an obstacle to the developmen	it of my abilities		
Mean (SD)	3.15 (1.73)	2.94 (1.71)	.060
Percent Agreement	23.0%	20.2%	.533
I would like to be pursuing a different career where I car	n better develop my	talents	
Mean (SD)	2.16 (1.51)	1.83 (1.34)	.001
Percent Agreement	9.2%	5.3%	.019
My studies don't offer me opportunities to develop my a	ahilities		
Mean (SD)	2.75 (1.64)	2.51 (1.66)	.026
Percent Agreement	17.6%	14.7%	.096
When things in school don't turn out as well as they sho	uld 1 stop trying		
Mean (SD)	2.07 (1.38)	2.15 (1.43)	.407
Percent Agreement	9.5%	8.7%	.280
I give up in response to difficulties in school			
Mean (SD)	1.74 (1.10)	1.89 (1.24)	.055
Percent Agreement	4.1%	5.3%	.131
I give up in the face of any difficulties in my academic ta			
Mean (SD)	1.61 (1.05)	1.82 (1.21)	.005
Percent Agreement	3.5%	4.6%	.035
When the effort I invest in school is not enough, I give u			
Mean (SD)	1.76 (1.17)	1.98 (1.32)	.009
Percent Agreement	5.7%	7.1%	.008
Overload Dimension:	2		
Mean Score (SD)	12.64 (4.41)	13.14 (3.79)	.076
Percent Agreement	15.9%	15.2%	.765
Lack of Development Dimension:			., 55
Mean Score (SD)	10.89 (3.85)	11.16 (3.54)	.282
Percent Agreement	6.2%	6.2%	.989
Neglect Dimension:	3.270	3.270	.505
Neglect Dimension:  Mean Score (SD)	11.24 (4.43)	11.61 (4.35)	.202
Percent Agreement	11.24 (4.43)	11.61 (4.55)	.202
reitent Agreement	11.3/0	11.7/0	.300

	Male Respondents		
			ρ value
Since March 2020, seriously considered harming self			
and/or taking life	6.0%	7.8%	.284
Substance Use			
	Male	Female	
	Respondents	Respondents	ρ value
Started or increased substance use (alcohol, marijuana, or			
other drugs) to cope with pandemic-related stress or			
emotions	16.0%	20.4%	.092

#### Demographics

Never accessed mental health care 451 (47.9%)
Has accessed mental health care 490 (52.1%)

Depression, anxiety			
	Never accessed	Has accessed	
	mental health	mental health	
	care Respondents	care Respondents	ρ value
Over the last 2 weeks, how often has been bothered by			
Little interest or pleasure in doing things			
Not at all (0 days)	48.1%	29.8%	
Several days (1-7 days)	41.3	43.9	000
More than half the days (8-11 days)	8.4	18.8	.000
Nearly every day (12-14 days)	2.2	7.5	
Feeling down, depressed, or hopeless			
Not at all (0 days)	51.5%	29.6%	
Several days (1-7 days)	35.0	44.5	000
More than half the days (8-11 days)	11.3	17.5	.000
Nearly every day (12-14 days)	2.2	8.4	
PHQ-2 Mean Score (SD)	1.29 (1.37)	2.09 (1.65)	.000
Probable Case of Depression [PHQ-2]:	15.7%	33.5%	.000
Feeling nervous, anxious, or on edge			
Not at all (0 days)	29.0%	12.5%	
Several days (1-7 days)	40.4	36.1	.000
More than half the days (8-11 days)	19.7	31.4	.000
Nearly every day (12-14 days)	10.9	20.0	
Not being able to stop or control worrying			
Not at all (0 days)	50.1%	31.4%	
Several days (1-7 days)	34.2	35.7	000
More than half the days (8-11 days)	10.6	21.0	.000
Nearly every day (12-14 days)	5.1	11.9	
GAD-2 Mean Score (SD)	1.83 (1.69)	2.72 (1.81)	.000
Probable Case of Anxiety [GAD-2]:	29.7%	49.8%	.000

	Never accessed mental health	Has accessed mental health	
	care Respondents	care Respondents	ρ value
Degree of agreement with each of the statements on scale	care Respondents	care Respondents	p value
of 1 (totally disagree) to 7 (totally agree)			
I think the dedication I invest in my studies is more than	what I should for my	/ health	
Mean (SD)	4.06 (1.77)	4.31 (1.82)	.034
Percent Agreement	43.5%	52.0%	.160
I neglect my personal life when I pursue important achie	evements in my studi	es	
Mean (SD)	4.75 (1.75)	5.29 (1.61)	.000
Percent Agreement	66.3%	78.0%	.000
I risk my health when I pursue good results in my studie	ıs.		
Mean (SD)	4.04 (1.80)	4.79 (1.76)	.000
Percent Agreement	48.1%	65.7%	.000
I overlook my own needs to fulfill academic demands			
Mean (SD)	4.67 (1.78)	5.24 (1.72)	.000
Percent Agreement	66.5%	76.1%	.000
I would like to be pursuing a different career that is more			
Mean (SD)	1.68 (1.15)	1.68 (1.17)	.945
Percent Agreement	2.7%	2.2%	.943
		2.270	.070
I feel that my studies are an obstacle to the developmen Mean (SD)	2.79 (1.64)	3.24 (1.77)	.000
Percent Agreement	16.2%	26.1%	.000
_			.001
I would like to be pursuing a different career where I ca			057
Mean (SD)	1.86 (1.33) 6.0%	2.04 (1.47)	.057
Percent Agreement		7.3%	.391
My studies don't offer me opportunities to develop my		2 22 (4 77)	000
Mean (SD)	2.35 (1.48)	2.82 (1.77)	.000
Percent Agreement	11.3%	19.8%	.000
When things in school don't turn out as well as they sho			
Mean (SD)	1.98 (1.30)	2.23 (1.49)	.007
Percent Agreement	7.3%	10.4%	.129
I give up in response to difficulties in school			
Mean (SD)	1.72 (1.12)	1.95 (1.27)	.004
Percent Agreement	4.0%	5.9%	.039
I give up in the face of any difficulties in my academic ta	isks		
Mean (SD)	1.63 (1.05)	1.87 (1.25)	.002
Percent Agreement	3.5%	5.1%	.008
When the effort I invest in school is not enough, I give u	ıp		
Mean (SD)	1.76 (1.13)	2.03 (1.36)	.001
Percent Agreement	4.9%	8.0%	.004
Overload Dimension:			
Mean Score (SD)	12.31 (4.08)	13.53 (3.94)	.000
Percent Agreement	12.0%	19.2%	.002
Lack of Development Dimension:	40 44 (5)	44 67 (5 -1)	0.7.5
Mean Score (SD)	10.41 (3.55)	11.67 (3.71)	.000
Percent Agreement	4.2%	8.6%	.007
Neglect Dimension:	10 57 (4 04)	12 20 (4 54)	000
Mean Score (SD) Percent Agreement	10.57 (4.04) 6.7%	12.29 (4.54) 16.9%	.000 .000
Percent Agreement	U./70	10.5%	.000

	Never accessed mental health care Respondents	Has accessed mental health care Respondents	ρ value
Since March 2020, seriously considered harming self and/or taking life	2.9%	11.2%	.000
Substance Use			
	Never accessed mental health care Respondents	Has accessed mental health care Respondents	ρ value
Started or increased substance use (alcohol, marijuana, or other drugs) to cope with pandemic-related stress or emotions	12.2%	25.3%	.000

#### Demographics

COVID diagnosis 80 ( 8.3%) no COVID diagnosis 880 (91.7%)

	COVID diagnosis Respondents	no COVID diagnosis Respondents	ρ value
Over the last 2 weeks, how often has been bothered by			
Little interest or pleasure in doing things			
Not at all (0 days)	42.5%	37.8%	
Several days (1-7 days)	36.3	43.4	.654
More than half the days (8-11 days)	16.2	13.8	.034
Nearly every day (12-14 days)	5.0	5.0	
Feeling down, depressed, or hopeless			
Not at all (0 days)	41.3%	39.5%	
Several days (1-7 days)	35.0	40.6	F17
More than half the days (8-11 days)	15.0	14.7	.517
Nearly every day (12-14 days)	8.7	5.2	
PHQ-2 Mean Score (SD)	1.75 (1.75)	1.71 (1.56)	.849
Probable Case of Depression [PHQ-2]:	26.3%	25.0%	.805
Feeling nervous, anxious, or on edge			
Not at all (0 days)	28.8%	19.3%	
Several days (1-7 days)	26.2	39.3	005
More than half the days (8-11 days)	20.0	26.6	.005
Nearly every day (12-14 days)	25.0	14.8	
Not being able to stop or control worrying			
Not at all (0 days)	40.0%	40.1%	
Several days (1-7 days)	36.3	35.1	420
More than half the days (8-11 days)	11.2	16.5	.428
Nearly every day (12-14 days)	12.5	8.3	
GAD-2 Mean Score (SD)	2.38 (2.03)	2.30 (1.78)	.714
Probable Case of Anxiety [GAD-2]:	40.0%	40.5%	.937

<u>burnout</u>			
	COVID diagnosis	no COVID diagnosis	
	Respondents	Respondents	ρ value
Degree of agreement with each of the statements on scale of 1 (totally disagree) to 7 (totally agree)			
I think the dedication I invest in my studies is more tha	n what I should for n	nv health	
Mean (SD)	4.19 (1.84)	4.19 (1.80)	.973
Percent Agreement	51.3%	47.7%	.391
I neglect my personal life when I pursue important ach	ievements in my stud	dies	
Mean (SD)	5.10 (1.76)	5.03 (1.69)	.720
Percent Agreement	78.8%	71.8%	.282
I risk my health when I pursue good results in my studi	es		
Mean (SD)	4.44 (1.99)	4.43 (1.80)	.958
Percent Agreement	57.5%	57.1%	.135
I overlook my own needs to fulfill academic demands			
Mean (SD)	5.04 (1.74)	4.96 (1.78)	.711
Percent Agreement	72.5%	71.5%	.687
I would like to be pursuing a different career that is mo		=	
Mean (SD)	1.79 (1.35)	1.67 (1.14)	.405
Percent Agreement	3.8%	2.3%	.749
I feel that my studies are an obstacle to the developme	•		
Mean (SD)	3.08 (1.83)	3.03 (1.72)	.806
Percent Agreement	25.0%	21.1%	.845
I would like to be pursuing a different career where I care			
Mean (SD)	2.18 (1.64)	1.94 (1.39)	.228
Percent Agreement	8.8%	6.7%	.414
My studies don't offer me opportunities to develop my		4>	
Mean (SD)	2.75 (1.80)	2.59 (1.64)	.401
Percent Agreement	20.0%	15.4%	.670
When things in school don't turn out as well as they sh		2.42 (4.40)	052
Mean (SD)	2.09 (1.54)	2.12 (1.40)	.852
Percent Agreement	11.3%	8.7%	.711
I give up in response to difficulties in school	1.00 (1.42)	1 02 /1 10\	241
Mean (SD) Percent Agreement	1.96 (1.42) 8.8%	1.83 (1.18) 4.6%	.341 .040
_		4.070	.040
I give up in the face of any difficulties in my academic t Mean (SD)	1.83 (1.30)	1.74 (1.15)	.551
Percent Agreement	7.5%	4.1%	.059
_		4.170	.033
When the effort I invest in school is not enough, I give Mean (SD)	1.93 (1.33)	1.90 (1.26)	.849
Percent Agreement	7.5%	6.4%	.463
Overload Dimension:	7.370	0.170	
Mean Score (SD)	13.36 (4.16)	12.93 (4.06)	.461
Percent Agreement	20.0%	15.5%	.295
Lack of Development Dimension:			
Mean Score (SD)	11.46 (3.76)	11.03 (3.68)	.321
Percent Agreement	7.5%	6.4%	.695
Neglect Dimension:			
Neglect Dimension.			
Mean Score (SD)	11.53 (4.56)	11.47 (4.37)	.910

	COVID diagnosis	no COVID diagnosis	
	Respondents	Respondents	ρ value
Since March 2020, seriously considered harming self			
and/or taking life	8.8%	7.1%	.582
Substance Use			
	COVID diagnosis	no COVID diagnosis	
	Respondents	Respondents	ρ value
Started or increased substance use (alcohol, marijuana,			
or other drugs) to cope with pandemic-related stress			
or emotions	32.5%	17.8%	.001

#### Demographics

Loved one diagnosed with COVID 581 (60.5%)
No loved one diagnosed with COVID 379 (39.5%)

	Loved one diagnosed with COVID	No loved one diagnosed with COVID	ρ value
Over the last 2 weeks, how often has been bothered by			
Little interest or pleasure in doing things			
Not at all (0 days)	36.0%	41.7%	
Several days (1-7 days)	44.4	40.4	265
More than half the days (8-11 days)	14.4	13.2	.365
Nearly every day (12-14 days)	5.2	4.7	
Feeling down, depressed, or hopeless			
Not at all (0 days)	38.6%	41.4%	
Several days (1-7 days)	39.9	40.4	F2C
More than half the days (8-11 days)	16.0	12.7	.526
Nearly every day (12-14 days)	5.5	5.5	
PHQ-2 Mean Score (SD)	1.77 (1.60)	1.63 (1.55)	.181
Probable Case of Depression [PHQ-2]:	25.8%	24.0%	.528
Feeling nervous, anxious, or on edge			
Not at all (0 days)	20.1%	20.0%	
Several days (1-7 days)	37.0	40.1	.477
More than half the days (8-11 days)	25.8	26.4	.477
Nearly every day (12-14 days)	17.1	13.5	
Not being able to stop or control worrying			
Not at all (0 days)	39.4%	41.2%	
Several days (1-7 days)	33.9	37.2	.174
More than half the days (8-11 days)	16.5	15.3	.174
Nearly every day (12-14 days)	10.2	6.3	
GAD-2 Mean Score (SD)	2.37 (1.85)	2.20 (1.73)	.151
Probable Case of Anxiety [GAD-2]:	41.3%	39.1%	.486

	Loved one diagnosed with COVID	No loved one diagnosed with COVID	ρ value
Degree of agreement with each of the statements on scale			
of 1 (totally disagree) to 7 (totally agree)			
I think the dedication I invest in my studies is more than		•	
Mean (SD)	4.23 (1.81)	4.14 (1.80)	.497
Percent Agreement	50.7%	44.0%	.135
I neglect my personal life when I pursue important achie	-		070
Mean (SD)	5.12 (1.63)	4.91 (1.78)	.070
Percent Agreement	74.7%	68.9%	.286
I risk my health when I pursue good results in my studie		4 22 /4 07\	120
Mean (SD) Percent Agreement	4.50 (1.78) 58.4%	4.32 (1.87) 55.2%	.129 .268
_	30.4%	33.2%	.200
I overlook my own needs to fulfill academic demands	F 07 (1 72)	4.90 (1.94)	024
Mean (SD) Percent Agreement	5.07 (1.72) 74.6%	4.80 (1.84) 67.0%	.024 .197
_			.197
I would like to be pursuing a different career that is mor		•	040
Mean (SD)	1.62 (1.12) 2.3%	1.78 (1.21) 2.7%	.040 .230
Percent Agreement		2.770	.230
I feel that my studies are an obstacle to the developmen	•	2 10 /1 77\	247
Mean (SD) Percent Agreement	2.98 (1.70) 20.5%	3.10 (1.77) 22.8%	.317 .681
_			.001
I would like to be pursuing a different career where I ca			010
Mean (SD) Percent Agreement	1.87 (1.34) 5.1%	2.10 (1.52) 9.7%	.018 .039
_		3.770	.033
My studies don't offer me opportunities to develop my Mean (SD)	2.53 (1.62)	2.71 (1.71)	.093
Percent Agreement	14.2%	18.2%	.385
When things in school don't turn out as well as they sho		10.270	.505
Mean (SD)	2.10 (1.37)	2.14 (1.47)	.710
Percent Agreement	8.1%	10.2%	.700
I give up in response to difficulties in school	0.170	10.270	., 00
Mean (SD)	1.81 (1.19)	1.89 (1.23)	.300
Percent Agreement	5.1%	4.8%	.830
I give up in the face of any difficulties in my academic ta		11070	.030
Mean (SD)	1.73 (1.15)	1.78 (1.18)	.530
Percent Agreement	4.4%	4.3%	.765
When the effort I invest in school is not enough, I give u			65
Mean (SD)	1.89 (1.26)	1.91 (1.27)	.769
Percent Agreement	6.3%	6.7%	.971
Overload Dimension:	2.27.		
Mean Score (SD)	12.98 (3.88)	12.94 (4.34)	.886
Percent Agreement	14.4%	18.2%	.114
Lack of Development Dimension:			
Mean Score (SD)	11.00 (3.54)	11.18 (3.90)	.454
Percent Agreement	5.1%	8.6%	.033
Neglect Dimension:			-
Mean Score (SD)	11.48 (4.28)	11.47 (4.54)	.976
Percent Agreement	12.3%	11.5%	.728

	Loved one diagnosed with COVID	No loved one diagnosed with COVID	ρ value
Since March 2020, seriously considered harming self and/or taking life	7.7%	6.4%	.447
Substance Use			
	Loved one diagnosed with COVID	No loved one diagnosed with COVID	ρ value
Started or increased substance use (alcohol, marijuana, or other drugs) to cope with pandemic-related stress or			'
emotions	20.6%	16.6%	.128

#### Demographics

Know someone who has died of COVID 237 (24.7%)
Do not know someone who has died of COVID 723 (75.3%

Know someone who has died of	Do not know someone who has	
COVID	died of COVID	ρ value
30.8%	40.7%	
45.2	42.0	.026
17.7	12.7	.020
6.3	4.6	
28.3%	43.4%	
43.0	39.1	.000
21.5	12.5	.000
7.2	5.0	
2.07 (1.64)	1.60 (1.54)	.000
33.8%	22.3%	.000
18.1%	20.7%	
33.8	39.7	002
24.9	26.4	.003
23.2	13.1	
33.3%	42.3%	
32.1	36.2	.000
20.3	14.7	.000
14.3	6.8	
2.69 (1.98)	2.18 (1.73)	.000
48.1%	• •	.005
	who has died of COVID  30.8% 45.2 17.7 6.3  28.3% 43.0 21.5 7.2  2.07 (1.64) 33.8%  18.1% 33.8 24.9 23.2  33.3% 32.1 20.3 14.3 2.69 (1.98)	who has died of COVID       someone who has died of COVID         30.8%       40.7%         45.2       42.0         17.7       12.7         6.3       43.4%         43.0       39.1         21.5       12.5         7.2       5.0         2.07 (1.64)       1.60 (1.54)         33.8%       22.3%         18.1%       20.7%         33.8       39.7         24.9       26.4         23.2       13.1         33.3%       42.3%         32.1       36.2         20.3       14.7         14.3       6.8         2.69 (1.98)       2.18 (1.73)

	Know someone who has died of COVID	Do not know someone who has died of COVID	ρ value
Degree of agreement with each of the statements on scale			
of 1 (totally disagree) to 7 (totally agree)			
I think the dedication I invest in my studies is more than		-	002
Mean (SD)	4.50 (1.70)	4.09 (1.82)	.003
Percent Agreement	53.2%	46.3%	.000
I neglect my personal life when I pursue important achie			103
Mean (SD)	5.16 (1.65) 74.9%	4.99 (1.71) 71.6%	.182 .442
Percent Agreement		71.0%	.442
I risk my health when I pursue good results in my studies Mean (SD)	4.77 (1.76)	4.32 (1.82)	.001
Percent Agreement	64.1%	4.32 (1.82) 54.9%	.001
_	04.170	34.370	.001
I overlook my own needs to fulfill academic demands Mean (SD)	5.40 (1.50)	4.83 (1.83)	.000
Percent Agreement	82.3%	68.1%	.002
_			.002
I would like to be pursuing a different career that is more Mean (SD)	1.78 (1.24)	1.65 (1.14)	.134
Percent Agreement	3.5%	2.1%	.158
I feel that my studies are an obstacle to the developmen		2.170	.130
Mean (SD)	3.14 (1.77)	2.99 (1.71)	.270
Percent Agreement	22.9%	20.9%	.700
I would like to be pursuing a different career where I can			
Mean (SD)	2.07 (1.52)	1.93 (1.38)	.194
Percent Agreement	9.1%	6.2%	.830
My studies don't offer me opportunities to develop my a			
Mean (SD)	2.65 (1.67)	2.58 (1.65)	.580
Percent Agreement	15.6%	15.9%	.334
When things in school don't turn out as well as they shou			
Mean (SD)	2.16 (1.41)	2.10 (1.41)	.544
Percent Agreement	9.5%	8.7%	.660
I give up in response to difficulties in school			
Mean (SD)	1.89 (1.21)	1.82 (1.20)	.451
Percent Agreement	6.5%	4.5%	.198
I give up in the face of any difficulties in my academic tas	ks		
Mean (SD)	1.84 (1.20)	1.72 (1.15)	.180
Percent Agreement	5.2%	4.1%	.394
When the effort I invest in school is not enough, I give up	)		
Mean (SD)	2.02 (1.32)	1.86 (1.24)	.102
Percent Agreement	8.2%	5.9%	.218
Overload Dimension:			
Mean Score (SD)	13.86 (3.76)	12.67 (4.12)	.000
Percent Agreement	21.2%	14.2%	.011
Lack of Development Dimension:			
Mean Score (SD)	11.44 (3.82)	10.95 (3.64)	.079
Percent Agreement	8.2%	5.9%	.212
Neglect Dimension:			
Mean Score (SD)	12.09 (4.50)	11.27 (4.33)	.014
Percent Agreement	17.3%	10.3%	.004

	Know someone who has died of COVID	Do not know someone who has died of COVID	ρ value
Since March 2020, seriously considered harming self			_
and/or taking life	11.4%	5.9%	.006
Substance Use			
	Know someone	Do not know	
	who has died of	someone who has	
	COVID	died of COVID	ρ value
Started or increased substance use (alcohol, marijuana, or			
other drugs) to cope with pandemic-related stress or			
emotions	26.2%	16.7%	.001

#### Demographics

Had contact with patients with COVID 327 (34.1%)
Has not had contact with patients with COVID 633 (65.9%)

<u> </u>			
	Had contact with	Has not had contact	
	patients with	with patients with	
	COVID	COVID	ρ value
Over the last 2 weeks, how often has been bothered by			
Little interest or pleasure in doing things			
Not at all (0 days)	37.3%	38.7%	
Several days (1-7 days)	42.2	43.1	.844
More than half the days (8-11 days)	15.3	13.3	.044
Nearly every day (12-14 days)	5.2	4.9	
Feeling down, depressed, or hopeless			
Not at all (0 days)	36.4%	41.4%	
Several days (1-7 days)	41.0	39.7	.137
More than half the days (8-11 days)	15.0	14.5	.137
Nearly every day (12-14 days)	7.6	4.5	
PHQ-2 Mean Score (SD)	1.82 (1.63)	1.66 (1.55)	.139
Probable Case of Depression [PHQ-2]:	27.8%	23.7%	.162
Feeling nervous, anxious, or on edge			
Not at all (0 days)	20.2%	20.1%	
Several days (1-7 days)	36.1	39.3	.649
More than half the days (8-11 days)	26.3	25.9	.049
Nearly every day (12-14 days)	17.4	14.7	
Not being able to stop or control worrying			
Not at all (0 days)	39.4%	40.4%	
Several days (1-7 days)	34.6	35.5	001
More than half the days (8-11 days)	16.5	15.8	.901
Nearly every day (12-14 days)	9.5	8.2	
GAD-2 Mean Score (SD)	2.37 (1.84)	2.27 (1.79)	.417
Probable Case of Anxiety [GAD-2]:	42.5%	39.3%	.343

	Had contact with patients with COVID	Has not had contact with patients with COVID	ρ value
Degree of agreement with each of the statements on sca			
of 1 (totally disagree) to 7 (totally agree)			
I think the dedication I invest in my studies is more		3	
Mean (S		4.18 (1.83)	.822
Percent Agreeme		49.9%	.059
I neglect my personal life when I pursue important	•		242
Mean (S	, , ,	4999 (1.68)	.212
Percent Agreeme		72.6%	.158
I risk my health when I pursue good results in my st		4.00 (4.00)	224
Mean (S	, , ,	4.29 (1.82)	.001
Percent Agreeme		54.4%	.052
I overlook my own needs to fulfill academic deman		4.05.44.00	205
Mean (S	, , ,	4.85 (1.80)	.005
Percent Agreeme		69.5%	.137
I would like to be pursuing a different career that is		•	0.00
Mean (S		1.60 (1.05)	.002
Percent Agreeme		1.6%	.056
I feel that my studies are an obstacle to the develop		/>	
Mean (S	, , ,	2.95 (1.68)	.036
Percent Agreeme		19.1%	.189
I would like to be pursuing a different career where	•	•	
Mean (S	, , ,	1.89 (1.36)	.036
Percent Agreeme		5.9%	.119
My studies don't offer me opportunities to develop	= -	(,)	
Mean (S		2.57 (1.67)	.416
Percent Agreeme		15.9%	.745
When things in school don't turn out as well as the		( )	
Mean (S		2.11 (1.39)	.845
Percent Agreeme	ent 8.8%	9.0%	.474
I give up in response to difficulties in school	>		
Mean (S		1.84 (1.20)	.898
Percent Agreeme		5.0%	.170
I give up in the face of any difficulties in my academ		. = . (	
Mean (S		1.74 (1.14)	.647
Percent Agreeme		4.2%	.301
When the effort I invest in school is not enough, I g	-		
Mean (S		1.90 (1.27)	.903
Percent Agreeme	ent 6.3%	6.6%	.202
Overload Dimension:			
Mean Score (S		12.77 (4.13)	.036
Percent Agreeme	ent 18.8%	14.4%	.087
Lack of Development Dimension:	nn)	40.00 (0.==)	
Mean Score (S		10.89 (3.67)	.034
Percent Agreeme	ent 8.8%	5.3%	.041
Neglect Dimension:  Mean Score (	SD) 11 02 /4 EO	11 24 (4 21)	.022
Percent Agreeme		11.24 (4.31) 11.4%	.022 .439
reitent Agleeni	13.1/0	11.7/0	.433

	Had contact with patients with COVID	Has not had contact with patients with COVID	ρ value
Since March 2020, seriously considered harming self			
and/or taking life	10.0%	5.8%	.018
Substance Use			
	Had contact with patients with	Has not had contact with patients with	
	COVID	COVID	ρ value
Started or increased substance use (alcohol, marijuana, or			
other drugs) to cope with pandemic-related stress or			
emotions	21.9%	17.6%	.109

#### Demographics

Level of worry about contracting COVID:

 Not worried
 191 (19.9%)

 Somewhat worried
 436 (45.4%)

 Very worried
 333 (34.7%)

	Not Worried	Somewhat Worried	Very Worried	ρ value
Over the last 2 weeks, how often has been bothered by				<b>'</b>
Little interest or pleasure in doing things <sup>1</sup>				
Not at all (0 days)	49.7%	39.0%	30.6%	
Several days (1-7 days)	34.6	44.3	45.6	000
More than half the days (8-11 days)	8.4	12.6	18.9	.000
Nearly every day (12-14 days)	7.3	4.1	4.8	
Feeling down, depressed, or hopeless <sup>1</sup>				
Not at all (0 days)	51.3%	40.6%	31.8%	
Several days (1-7 days)	30.9	41.7	43.2	.000
More than half the days (8-11 days)	9.4	12.8	20.1	.000
Nearly every day (12-14 days)	8.4	4.8	4.8	
PHQ-2 Mean Score (SD) <sup>1</sup>	1.48 (1.74)	1.64 (1.52)	1.96 (1.53)	.001
Probable Case of Depression [PHQ-2]: 1	19.9%	22.7%	31.2%	.005
Feeling nervous, anxious, or on edge <sup>1</sup>				
Not at all (0 days)	36.6%	22.0%	8.1%	
Several days (1-7 days)	32.5	38.3	41.4	000
More than half the days (8-11 days)	17.8	26.1	30.6	.000
Nearly every day (12-14 days)	13.1	13.5	19.8	
Not being able to stop or control worrying <sup>1</sup>				
Not at all (0 days)	51.8%	42.9%	29.7%	
Several days (1-7 days)	30.9	35.1	37.8	000
More than half the days (8-11 days)	10.5	14.2	21.6	.000
Nearly every day (12-14 days)	6.8	7.8	10.8	
GAD-2 Mean Score (SD) 1,2	1.80 (1.81)	2.18 (1.78)	2.76 (1.72)	.000
Probable Case of Anxiety [GAD-2]: 1	29.3%	37.2%	51.1%	.000

<sup>(1)</sup> Statistical differences are between Not Worried and Very Worried groups.

<sup>(2)</sup> Statistical differences are between Somewhat Worried and Very Worried groups.

	Not Worried	Somewhat Worried	Very Worried	ρ value
Degree of agreement with each of the statements on	Not Worried	Worrica	Worrica	p value
scale of 1 (totally disagree) to 7 (totally agree)				
I think the dedication I invest in my studies is more		•		
Mean (SI		4.16 (1.73)	4.47 (1.80)	.000
Percent Agreeme		46.8%	55.5%	.001
I neglect my personal life when I pursue important		•		
Mean (SI		4.95 (1.70)	5.38 (1.52)	.000
Percent Agreeme	nt 62.2%	69.7%	81.9%	.000
I risk my health when I pursue good results in my st	udies <sup>1</sup>			
Mean (SI		4.33 (1.79)	4.81 (1.72)	.000
Percent Agreeme	nt 44.3%	55.1%	67.2%	.000
I overlook my own needs to fulfill academic demand	ds <sup>1</sup>			
Mean (SI	O) 4.54 (1.95)	4.88 (1.76)	5.33 (1.60)	.000
Percent Agreeme	nt 61.6%	69.7%	79.8%	.000
I would like to be pursuing a different career that is	more challenging	for my abilities		
Mean (SI	D) 1.67 (1.16)	1.70 (1.22)	1.67 (1.08)	.952
Percent Agreeme	nt 1.6%	3.7%	1.2%	.111
I feel that my studies are an obstacle to the develop	ment of my abiliti	es		
, Mean (SI	•	2.99 (1.70)	3.03 (1.74)	.679
Percent Agreeme		19.4%	21.8%	.105
I would like to be pursuing a different career where		op my talents		
Mean (SI		1.94 (1.38)	1.98 (1.46)	.907
Percent Agreeme		7.2%	6.7%	.200
My studies don't offer me opportunities to develop				
Mean (SI	-	2.52 (1.60)	2.76 (1.71)	.090
Percent Agreeme		13.7%	19.6%	.530
When things in school don't turn out as well as they				
Mean (SI	•	2.14 (1.42)	2.13 (1.42)	.563
Percent Agreeme		8.8%	9.8%	.525
I give up in response to difficulties in school	7.075	0.070	3.070	.525
Mean (SI	D) 1.74 (1.16)	1.87 (1.19)	1.86 (1.26)	.415
Percent Agreeme		5.3%	5.2%	.368
_		3.370	3.270	.500
I give up in the face of any difficulties in my academ		1 76 (1 14)	1 70 /1 21\	F02
Mean (SI Percent Agreeme		1.76 (1.14) 4.4%	1.79 (1.21) 4.9%	.503 .241
_		4.470	4.9%	.241
When the effort I invest in school is not enough, I g	-	4 02 (4 25)	4.04.(4.22)	205
Mean (SI		1.92 (1.25)	1.94 (1.33)	.305
Percent Agreeme	nt 4.3%	6.7%	7.4%	.326
Overload Dimension: 1	) 12 OE (4 22)	12 94 /4 06\	13.64 (3.83)	.000
Mean Score (SI Percent Agreeme		12.84 (4.06) 16.7%	13.64 (3.83)	.030
Lack of Development Dimension: 1	II. 3./70	10.770	10.470	.030
Mean Score (SI	D) 10.47 (3.82)	10.93 (3.65)	11.60 (3.60)	.002
Percent Agreeme		5.6%	8.6%	.149
Neglect Dimension:	1. <del>1</del> .3/0	5.070	0.070	.143
Mean Score (SI	D) 10.89 (4.37)	11.38 (4.43)	11.92 (4.31)	.032
Percent Agreeme		12.0%	12.9%	.682
r creent Agreemen	10.570	12.0/0	12.370	.002

<sup>(1)</sup> Statistical differences are between Not Worried and Very Worried groups.

<sup>(2)</sup> Statistical differences are between Somewhat Worried and Very Worried groups.

	Not	Somewhat	Very	
	Worried	Worried	Worried	ρ value
Since March 2020, seriously considered harming self				_
and/or taking life	9.7%	7.2%	5.9%	.269
Substance Use				
	Not	Somewhat	Very	
	Worried	Worried	Worried	ρ value
Started or increased substance use (alcohol, marijuana, or				
other drugs) to cope with pandemic-related stress or				
emotions	17.8%	20.4%	17.9%	.624

#### Demographics

Area in which you spent the majority of your time since March 2020?

Rural 160 (18.9%) Urban 685 (81.1%)

	Rural	Urban	ρ value
Over the last 2 weeks, how often has been bothered by			_
Little interest or pleasure in doing things			
Not at all (0 days)	41.9%	38.4%	
Several days (1-7 days)	46.2	41.3	.093
More than half the days (8-11 days)	9.4	14.5	.093
Nearly every day (12-14 days)	2.5	5.8	
Feeling down, depressed, or hopeless			
Not at all (0 days)	46.9%	39.0%	
Several days (1-7 days)	35.0	39.9	206
More than half the days (8-11 days)	13.7	15.0	.306
Nearly every day (12-14 days)	4.4	6.1	
PHQ-2 Mean Score (SD)	1.48 (1.50)	1.76 (1.62)	.047
Probable Case of Depression [PHQ-2]:	18.1%	26.4%	.029
Feeling nervous, anxious, or on edge			
Not at all (0 days)	25.0%	19.9%	
Several days (1-7 days)	37.5	38.4	400
More than half the days (8-11 days)	23.8	25.4	.499
Nearly every day (12-14 days)	13.7	16.3	
Not being able to stop or control worrying			
Not at all (0 days)	44.4%	40.4%	
Several days (1-7 days)	35.6	33.7	.456
More than half the days (8-11 days)	11.9	16.5	.450
Nearly every day (12-14 days)	8.1	9.4	
GAD-2 Mean Score (SD)	2.10 (1.81)	2.33 (1.83)	.152
Probable Case of Anxiety [GAD-2]:	35.0%	40.4%	.205

	Rural	Urban	ρ value
begree of agreement with each of the statements on scale			
f 1 (totally disagree) to 7 (totally agree)			
I think the dedication I invest in my studies is more that			072
Mean (SD) Percent Agreement		4.16 (1.85) 48.7%	.872 .530
-			.330
I neglect my personal life when I pursue important ach Mean (SD)	-	5.02 (1.72)	.714
Percent Agreement	, ,	72.8%	.846
I risk my health when I pursue good results in my stud		72.070	.040
Mean (SD)		4.43 (1.81)	.214
Percent Agreement		58.0%	.041
I overlook my own needs to fulfill academic demands			
Mean (SD)	4.83 (1.78)	4.97 (1.79)	.374
Percent Agreement		71.6%	.012
I would like to be pursuing a different career that is mo		v abilities	
Mean (SD)		1.68 (1.10)	.960
Percent Agreement	, ,	1.6%	.330
I feel that my studies are an obstacle to the development	ent of my abilities		
Mean (SD)		3.04 (1.74)	.109
Percent Agreement	19.4%	22.0%	.287
I would like to be pursuing a different career where I c	an better develop m	y talents	
Mean (SD)	1.76 (1.42)	1.99 (1.43)	.338
Percent Agreement	5.8%	7.0%	.321
My studies don't offer me opportunities to develop m	y abilities		
Mean (SD)		2.62 (1.67)	.032
Percent Agreement	11.6%	16.3%	.097
When things in school don't turn out as well as they sh			
Mean (SD)		2.16 (1.42)	.199
Percent Agreement	6.5%	9.6%	.004
I give up in response to difficulties in school			
Mean (SD)		1.86 (1.22)	.298
Percent Agreement		5.5%	.261
I give up in the face of any difficulties in my academic		4 70 (1 75)	
Mean (SD)		1.79 (1.20)	.014
Percent Agreement		4.9%	.469
When the effort I invest in school is not enough, I give	= = = = = = = = = = = = = = = = = = = =	1.02./4.20\	000
Mean (SD) Percent Agreement	, ,	1.93 (1.29) 6.8%	.068 .366
_	. 3.270	0.070	.300
<u>Overload Dimension:</u> Mean Score (SD)	12.57 (3.98)	12.97 (4.16)	.276
Percent Agreement		17.3%	.019
Lack of Development Dimension:	5.770	17.570	.013
Lack of Development Dimension:  Mean Score (SD)	10.51 (3.41)	11.11 (3.80)	.072
Percent Agreement		7.0%	.267
Neglect Dimension:			0,
Mean Score (SD)	10.75 (4.20)	11.56 (4.45)	.038
Percent Agreement		12.6%	.091

	Rural	Urban	ρ value
Since March 2020, seriously considered harming self			
and/or taking life	5.2%	7.7%	.269
Substance Use			
	Rural	Urban	ρ value
Started or increased substance use (alcohol, marijuana, or			
other drugs) to cope with pandemic-related stress or			
emotions	16.1%	19.7%	.303

Number of valid responses: 960

#### Overall

Students who met the criteria for burnout in any dimension

Yes 201 (21.3%) No 742 (78.7%)

### Students who met the criteria for burnout in any dimension by Independent Variables

	Yes	No	ρ value
Curriculum Year:			.120
Didactic Year Respondents	118 (19.8%)	479 (80.2%)	
Clinical Year Respondents	81 (24.1%)	255 (75.9%)	
Gender Identification:			.926
Male Respondents	77 (20.8%)	293 (79.2%)	
Female Respondents	119 (21.1%)	446 (78.9%)	
Ethnicity:			.056
White Respondents	114 (19.2%)	480 (80.8%)	
Non-White Respondents	78 (24.6%)	239 (75.4%)	
Spent the majority of time since March 2020:			.029
Rural	23 (14.8%)	132 (85.2%)	
Urban	154 (22.8%)	522 (77.2%)	
Didactic year type of curriculum utilized:			.028
In person	0 ( 0.0%)	6 (100%)	
Virtual	40 (26.7%)	110 (73.3%)	
Combination	78 (17.7%)	363 (82.3%)	
COVID Groups:			
COVID diagnosis Respondents	20 (25.0%)	60 (75.0%)	.400
No COVID diagnosis Respondents	181 (21.0%)	682 (79.0%)	.400
Loved one diagnosed with COVID	113 (19.8%)	457 (80.2%)	.167
No loved one diagnosed with COVID	88 (23.6%)	285 (76.4%)	.107
Know someone who has died of COVID	65 (28.1%)	166 (71.9%)	.004
Do not know someone who has died of COVID	136 (19.1%)	576 (80.9%)	.004
Had contact with patients with COVID	77 (24.1%)	243 (75.9%)	140
Has not had contact with patients with COVID	124 (19.9%)	499 (80.1%)	.140
Level of worry about contracting COVID-19			.059
Not worried at all	28 (15.1%)	157 (84.9%)	
Somewhat worried	95 (22.0%)	337 (78.0%)	
Very worried	78 (23.9%)	248 (76.1%)	
Use of mental health resources:			.000
Has accessed mental health care Respondents	133 (27.1%)	357 (72.9%)	
Never accessed mental health care Respondents	66 (14.6%)	385 (85.4%)	

### Mental Health Status of Medical Students During the COVID-19 Pandemic Curriculum Variable Results

#### Demographics

If you are currently in didactic years, what type of curriculum is your school utilizing?

 In person
 6 ( 1.0%)

 Virtual
 151 (25.0%)

 Combination
 448 (74.0%)

	In person	Virtual	Combination	ρ value
Over the last 2 weeks, how often has been bothered by				
Little interest or pleasure in doing things				
Not at all (0 days)	83.3%	29.1%	38.8%	
Several days (1-7 days)	16.7	51.7	42.0	.083
More than half the days (8-11 days)	0.0	14.6	13.8	.083
Nearly every day (12-14 days)	0.0	4.6	5.4	
Feeling down, depressed, or hopeless				
Not at all (0 days)	83.3%	33.1%	40.8%	
Several days (1-7 days)	16.7	43.7	40.0	.106
More than half the days (8-11 days)	0.0	19.2	13.4	.106
Nearly every day (12-14 days)	0.0	4.0	5.8	
PHQ-2 Mean Score (SD) <sup>1</sup>	0.33 (0.82)	1.89 (1.45)	1.70 (1.59)	.038
Probable Case of Depression [PHQ-2]:	0.0%	24.5%	25.2%	.363
Feeling nervous, anxious, or on edge				
Not at all (0 days)	16.7%	14.5%	19.2%	
Several days (1-7 days)	83.3	44.4	37.7	164
More than half the days (8-11 days)	0.0	28.5	26.8	.164
Nearly every day (12-14 days)	0.0	12.6	16.3	
Not being able to stop or control worrying				
Not at all (0 days)	83.3%	35.1%	39.7%	
Several days (1-7 days)	16.7	42.4	34.4	.199
More than half the days (8-11 days)	0.0	13.9	17.2	.199
Nearly every day (12-14 days)	0.0	8.6	8.7	
GAD-2 Mean Score (SD)	1.00 (0.63)	2.35 (1.68)	2.35 (1.82)	.181
Probable Case of Anxiety [GAD-2]:	0.0%	39.1%	42.0%	.102

<sup>(1)</sup> Statistical differences are between In Person and Virtual groups.

### Mental Health Status of Medical Students During the COVID-19 Pandemic Curriculum Variable Results

#### **Burnout**

	In person	Virtual	Combination	ρ value
Degree of agreement with each of the statements on				
scale of 1 (totally disagree) to 7 (totally agree)			2	
I think the dedication I invest in my studies is more tha		-		
Mean (SD)	2.17 (0.98)	4.33 (1.76)	4.28 (1.81)	.015
Percent Agreement	0.0%	54.0%	50.8%	.144
I neglect my personal life when I pursue important ach		-		
Mean (SD)	4.17 (2.14)	5.07 (1.53)	5.10 (1.68)	.388
Percent Agreement	50.0%	78.0%	73.7%	.108
I risk my health when I pursue good results in my studi				
Mean (SD)	2.67 (1.37)	4.46 (1.63)	4.38 (1.83)	.054
Percent Agreement	16.7%	62.7%	55.6%	.102
I overlook my own needs to fulfill academic demands <sup>1</sup>	, 2			
Mean (SD)	2.83 (1.72)	5.07 (1.57)	4.94 (1.76)	.008
Percent Agreement	16.7%	76.7%	69.8%	.009
I would like to be pursuing a different career that is mo	re challenging	for my abilities		
Mean (SD)	1.00 (0.00)	1.66 (1.05)	1.61 (1.08)	.322
Percent Agreement	0.0%	2.0%	1.6%	.681
I feel that my studies are an obstacle to the developme	ent of my abiliti	es <sup>1</sup>		
Mean (SD)	1.67 (0.82)	3.21 (1.58)	2.86 (1.66)	.013
Percent Agreement	0.0%	22.0%	17.5%	.132
I would like to be pursuing a different career where I ca	an better devel	op my talents <sup>2</sup>		
Mean (SD)	1.00 (0.00)	2.01 (1.27)	1.82 (1.39)	.098
Percent Agreement	0.0%	4.7%	5.9%	.021
My studies don't offer me opportunities to develop my	abilities 3			
Mean (SD)	1.50 (0.84)	2.99 (1.69)	2.45 (1.64)	.001
Percent Agreement	0.0%	22.0%	14.3%	.084
When things in school don't turn out as well as they sh	ould. I stop trvi			
Mean (SD)	1.50 (0.84)	2.32 (1.46)	2.02 (1.38)	.047
Percent Agreement	0.0%	10.0%	8.4%	.209
I give up in response to difficulties in school <sup>3</sup>	0.07.		2	
Mean (SD)	1.33 (0.82)	2.05 (1.26)	1.78 (1.19)	.032
Percent Agreement	0.0%	6.7%	4.5%	.176
I give up in the face of any difficulties in my academic t		<b>3.7</b> / s		, 0
Mean (SD)	1.33 (0.82)	1.93 (1.18)	1.68 (1.15)	.057
Percent Agreement	0.0%	5.3%	3.9%	.099
When the effort I invest in school is not enough, I give		3.370	3.370	.033
Mean (SD)	1.33 (0.82)	2.20 (1.41)	1.80 (1.23)	.002
Percent Agreement	0.0%	10.0%	5.7%	.126
Overload Dimension: 1, 2	0.070	10.070	5.770	.120
Mean Score (SD)	7.33 (1.97)	13.46 (3.69)	12.82 (4.00)	.000
Percent Agreement	0.0%	17.3%	12.7%	.224
Lack of Development Dimension: 1,3	2.370	27.070	,,	
Mean Score (SD)	8.00 (2.10)	11.65 (3.49)	10.84 (3.57)	.006
Percent Agreement	0.0%	4.7%	6.3%	.621
Neglect Dimension: 1,3	2.2.2	,•		<b>-</b>
Mean Score (SD)	7.17 (3.31)	12.19 (4.33)	11.06 (4.14)	.001
Percent Agreement	0.0%	16.7%	9.5%	.039
		•	= :	

<sup>(1)</sup> Statistical differences are between In Person and Virtual groups.

<sup>(2)</sup> Statistical differences are between In Person and Combination groups.

<sup>(3)</sup> Statistical differences are between Virtual and Combination groups.

### Mental Health Status of Medical Students During the COVID-19 Pandemic Curriculum Variable Results

	In person	Virtual	Combination	ρ value
Since March 2020, seriously considered harming self and/or taking life	0.0%	6.7%	7.7%	.714
Substance Use	la norcon	Virtual	Combination	a valua
Chambool on increased substance was falsabel magnificance as	In person	Virtual	Combination	ρ value
Started or increased substance use (alcohol, marijuana, or other drugs) to cope with pandemic-related stress or				
emotions	0.0%	20.0%	18.2%	.447

#### Demographics

Where do you attend medical school?

Allopathic (MD) 306 (31.9%)
Osteopathic (DO) 654 (68.1%)

	Allopathic Respondents	Osteopathic Respondents	ρ value
Over the last 2 weeks, how often has been bothered by			
Little interest or pleasure in doing things			
Not at all (0 days)	37.9%	38.4%	
Several days (1-7 days)	44.1	42.2	.929
More than half the days (8-11 days)	13.1	14.4	.929
Nearly every day (12-14 days)	4.9	5.0	
Feeling down, depressed, or hopeless			
Not at all (0 days)	37.9%	40.5%	
Several days (1-7 days)	42.5	39.0	720
More than half the days (8-11 days)	14.7	14.7	.728
Nearly every day (12-14 days)	4.9	5.8	
PHQ-2 Mean Score (SD)	1.72 (1.54)	1.72 (1.60)	.978
Probable Case of Depression [PHQ-2]:	23.9%	25.7%	.542
Feeling nervous, anxious, or on edge			
Not at all (0 days)	18.3%	21.0%	
Several days (1-7 days)	43.8	35.6	0.01
More than half the days (8-11 days)	25.5	26.3	.061
Nearly every day (12-14 days)	12.4	17.1	
Not being able to stop or control worrying			
Not at all (0 days)	43.5%	38.5%	
Several days (1-7 days)	36.9	34.4	002
More than half the days (8-11 days)	13.1	17.4	.093
Nearly every day (12-14 days)	6.5	9.7	
GAD-2 Mean Score (SD)	2.15 (1.67)	2.38 (1.86)	.055
Probable Case of Anxiety [GAD-2]:	36.9%	42.0%	.132

	Allopathic	Osteopathic	
	Respondents	Respondents	ρ value
Degree of agreement with each of the statements on scale of 1 (totally disagree) to 7 (totally agree)			
I think the dedication I invest in my studies is more than v	vhat I should for m	y health	
Mean (SD)	4.24 (1.79)	4.17 (1.81)	.562
Percent Agreement	53.6%	45.4%	.016
I neglect my personal life when I pursue important achiev	ements in my stud	lies	
Mean (SD)	4.99 (1.64)	5.06 (1.73)	.576
Percent Agreement	74.3%	71.5%	.009
I risk my health when I pursue good results in my studies			
Mean (SD)	4.37 (1.70)	4.45 (1.87)	.502
Percent Agreement	58.2%	56.7%	.020
I overlook my own needs to fulfill academic demands			
Mean (SD)	4.86 (1.72)	5.02 (1.80)	.194
Percent Agreement	71.1%	71.8%	.014
I would like to be pursuing a different career that is more	challenging for my	abilities	
Mean (SD)	1.61 (1.04)	1.72 (1.22)	.145
Percent Agreement	2.3%	2.5%	.021
I feel that my studies are an obstacle to the development	of my abilities		
Mean (SD)	2.99 (1.69)	3.05 (1.74)	.599
Percent Agreement	22.0%	21.1%	.391
I would like to be pursuing a different career where I can	better develop my	talents	
Mean (SD)	1.93 (1.34)	1.98 (1.45)	.587
Percent Agreement	6.9%	6.9%	.388
My studies don't offer me opportunities to develop my al	oilities		
Mean (SD)	2.58 (1.62)	2.61 (1.68)	.743
Percent Agreement	16.1%	15.6%	.156
When things in school don't turn out as well as they shou	ld, I stop trying		
Mean (SD)	2.20 (1.40)	2.07 (1.42)	.184
Percent Agreement	8.9%	8.9%	.027
I give up in response to difficulties in school			
Mean (SD)	1.94 (1.19)	1.79 (1.21)	.067
Percent Agreement	5.6%	4.7%	.045
I give up in the face of any difficulties in my academic task	<b>(S</b>		
Mean (SD)	1.86 (1.19)	1.70 (1.15)	.057
Percent Agreement	4.9%	4.1%	.082
When the effort I invest in school is not enough, I give up			
Mean (SD)	1.99 (1.24)	1.86 (1.27)	.158
Percent Agreement	6.3%	6.6%	.054
Overload Dimension:			
Mean Score (SD)	12.97 (3.97)	12.96 (4.12)	.964
Percent Agreement	16.4%	15.6%	.754
Lack of Development Dimension:			
Mean Score (SD)	11.03 (3.58)	11.09 (3.74)	.812
Percent Agreement	5.3%	7.0%	.299
Neglect Dimension:			
Mean Score (SD)	11.55 (4.32)	11.44 (4.42)	.720
Percent Agreement	13.2%	11.4%	.444

	Allopathic	Osteopathic	
	Respondents	Respondents	ρ value
Since March 2020, seriously considered harming self			
and/or taking life	6.6%	7.5%	.596
Substance Use			
	Allopathic	Osteopathic	
	Respondents	Respondents	ρ value
Started or increased substance use (alcohol, marijuana, or			
other drugs) to cope with pandemic-related stress or			
emotions	20.7%	18.2%	.358