INTERNATIONAL ASSOCIATION OF FIRE FIGHTERS INTERNATIONAL ASSOCIATION OF FIRE CHIEFS



Dr. Suzy Bird Gulliver December 12-13, 2022

COVID Occupational Measures of Burnout and UnderStaffed Teams

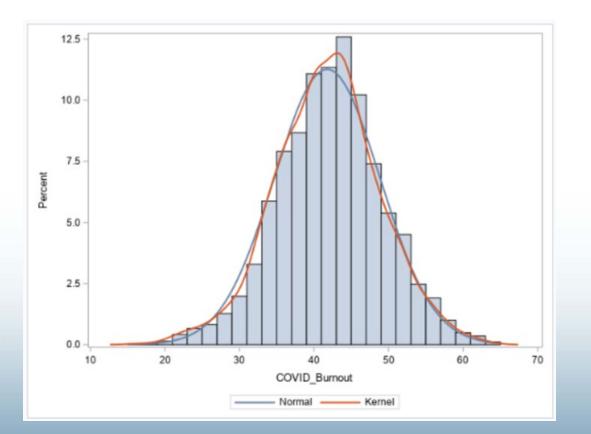
Goal: To evaluate the impact of staffing shortages, multiple overtime shifts, COVID-related stress and distress on burnout, job satisfaction, and stress/distress at home.



- Survey Population
- N=8364
 - 90.74% Male
 - 69.36% Age 30-49
 - 80.27% White, 81.05% Non-Hispanic
 - 75.19% Married
 - 64.65% Associate's Degree or Higher
 - 11.85% Military Veterans
 - Respondents from all 50 States and 9/13 Canadian Provinces



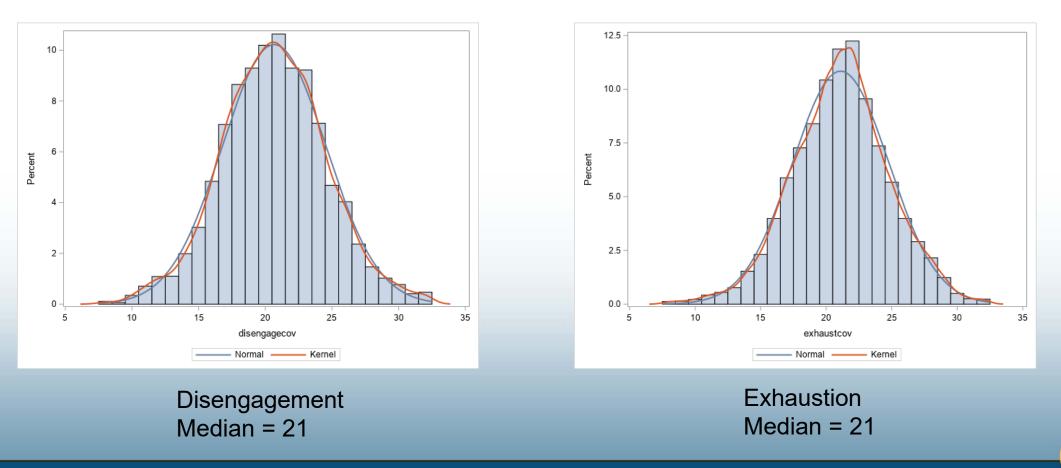
• Findings – Burnout



Median = 42



• Findings - Burnout







Findings – Staffing Shortage

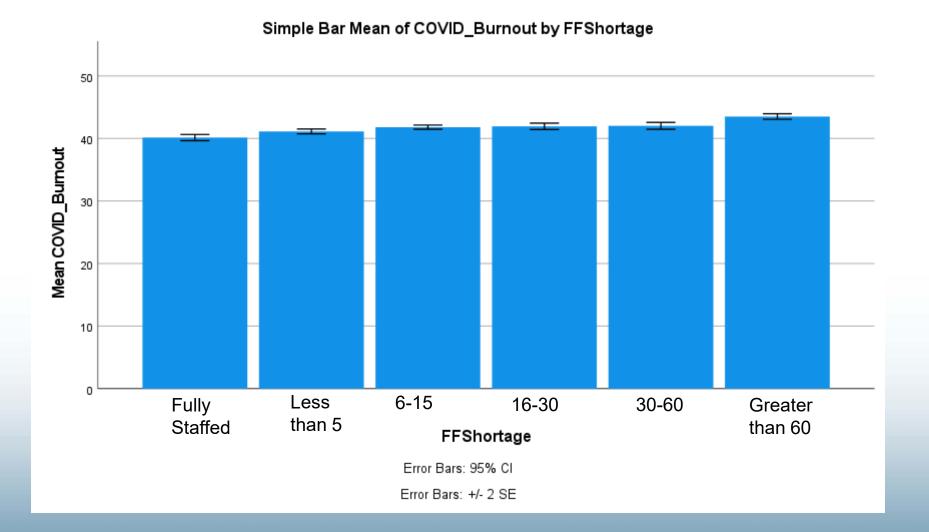
Staffing Down	%
Fully Staffed	13.99
Less than Fully Staffed	86.01



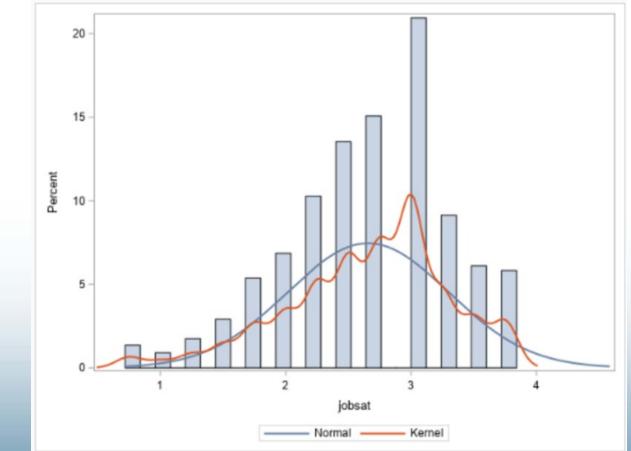
Findings – Staffing Shortage

	Staffing Shortage					
	Fully Staffed	Less than 5	6-15	16-30	30-60	Greater than 60
Under 1,000 Calls	19.51	29.27	34.15	8.78	3.9	4.39
1,000-3,000 Calls	21.53	41.59	25.57	7.13	1.88	2.29
3,000-7,000 Calls	15.87	38.62	32.63	7.11	3.97	1.80
7,000-12,000 Calls	13.41	29.46	39.39	10.45	4.96	2.32
12,000-25,000 Calls	11.39	15.59	40.02	19.87	8.3	4.83
25,000-50,000 Calls	11.45	5.32	20.69	27.86	23.58	11.10
Greater than 50,000 Calls	11.88	1.18	5.92	11.34	18.59	51.08

This table shows the row percents of staffing shortage by the average number of calls a department makes annually. There are significant shortages across all departments.



Findings – Job Satisfaction



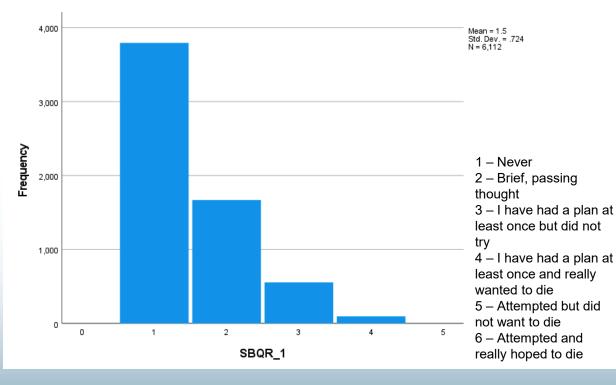


Findings – Other Mental Health Measures

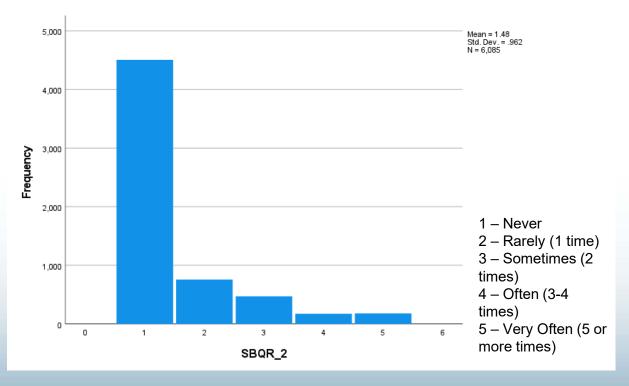
Measure	% Meeting Probable Diagnosis
PCPTSD-5 (PTSD)	34.7% with positive screening for probable PTSD
SBQR Q1 (Suicidality)	37.93% with positive screening for suicide risk (ideation, intent, past attempt)
PHQ-2 (Depression)	23.2% with positive screening for probable depression
CAGE (Alcohol Use)	36.7% with positive screening for risky alcohol use



"Have you ever thought about or attempted to kill yourself?"



"How often have you thought about killing yourself in the past year?"





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Questions? Contact us!

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