Supplementary file	e 3. Data extraction of	of included studies.

Firs	t author,	Study (name,	Sample description (n,	Description of exposure	Description of	Adjustment	Effect estimates (e.g., HR, RR
Yea	r;	design and	Country, Type of	assessment (way and	outcome (type of		or OR with 95% confidence
		follow-up period)	job/company, relevant	year of baseline	symptoms, way of		interval). Super scripts refer
			inclusion/exclusion	exposure assessment	assessment, and		to the models specified in the
			criteria, %Female, Age)	and description of	incidence over the		'adjustment' column
				categories)	follow-up period)		-
		Name: Armed	<u>n</u> =1,344,668	Exposure assessment:	Type of symptoms:	No	PTSD incidence was in
		forces health		Self-reported	PTSD		general higher after the
		surveillance	<u>Country</u> =USA				second, third and fourth
				Year of assessment:	Way of assessment:		deployment, compared to the
		Design:	<u>%Female</u> = 11%	between Oct 2001 and	Mental disorders		first and fifth.
		Prospective		Dec 2010	assessed with ICD-9-		
		longitudinal	Age= The majority was		CM (309.81), reported		PTSD incidence was in
			<25, with lower numbers	Exposure categories: %	in military or civilian		general higher among males,
		Follow-up period:	of participants in the 25-	PTSD diagnosis were	hospitals		those in lowest age group,
		12 months post	29 and 30+ categories.	compared between			health care workers and
		deployment		deployment number,	Incidence: -		those with longer dwelling
			Type of job/company=	gender, age group,			time between the
1.	Armed		Active components of	military occupation			deployments.
	Forces		the forces (on	(combat, health care			
	Health		Afghanistan and Iran	and other) and			No effect estimates were
	Surveillance		missions).	'dwelling time' between			reported (only incidences).
	Center,			employments.			
	2011 <sup>21</sup>		Inclusion/exclusion= -				
		Name: -	<u>n</u> = 2,678	Exposure assessment:	Type of symptoms:	Unadjusted (model	Work-related threats
				Self-reported	PTSD	1), adjusted for	All four sectors
		<u>Design:</u>	<u>Country</u> = Denmark			gender, age,	PTSD at 2011
		Prospective		Year of assessment:	Way of assessment:	bullying, sexual	OR: 1.11 [1.07 1.14] <sup>1</sup>
		longitudinal (with	<u>%Female</u> = 66%	2011	Self-reported with the	harassment,	OR: 1.10 [1.05 1.15] <sup>2</sup>
		cross-sectional			Impact of Event Scale-	conflicts at work,	PTSD at 2015
		and longitudinal	<u>Age</u> = 45.1(10.1) years	Exposure categories:	Revised	negative acts,	OR: 1.10 [1.07 1.13] <sup>1</sup>
		analyses)		Work-related violence		private traumas and	OR: 1.11 [1.07 1.5] <sup>2</sup>
			Type of job/company=	and threats on a 5 point	<u>Incidence</u> :14% (2	sector (model 2),	OR: 1.10 [1.04 1.15] <sup>3</sup>
2.	Andersen,	Follow-up period:	Employees working in	likert scale with 0=never	incidences)	additionally	
	2019 <sup>19</sup>	4 years	psychiatric wards, in the	to 4=almost daily, with		adjusted for	Elder care

Г	older coster at areair!		hasaling DTCD	DTCD at 2011
	elder sector, at special	summary scores 0-24	baseline PTSD	PTSD at 2011
	schools and in the prison	and 0-44, respectively.	(model 3)	OR: 0.99 [0.88 1.23] <sup>1</sup>
	and probation service.			OR: 0.98 [0.82 1.18] <sup>2</sup>
				PTSD at 2015
	Inclusion/exclusion=-			OR: 1.12 [1.00 1.25] <sup>1</sup>
				OR: 1.12 [0.94 1.33] <sup>2</sup>
				OR: 1.22 [0.95 1.56] <sup>3</sup>
				Prison and probation service
				PTSD at 2011
				OR: 1.21 [1.14 1.28] <sup>1</sup>
				OR: 1.18 [1.08 1.27] <sup>2</sup>
				PTSD at 2015
				OR: 1.73 [1.20 1.35] <sup>1</sup>
				OR: 1.25 [1.17 1.34] <sup>2</sup>
				OR: 1.22 [1.13 1.31] <sup>3</sup>
				Psychiatry
				PTSD at 2011
				OR: 1.14 [1.06 1.12] <sup>1</sup>
				OR: 1.19 [1.09 1.32] <sup>2</sup>
				PTSD at 2015
				OR: 1.06 [0.99 1.13] <sup>1</sup>
				OR: 1.06 [0.97 1.17] <sup>2</sup>
				OR: 0.94 [0.83 1.07] <sup>3</sup>
				Special schools
				PTSD at 2011
				OR: 1.01 [0.93 1.09] <sup>1</sup>
				OR: 0.95 [0.85 1.05] <sup>2</sup>
				PTSD at 2015
				OR: 1.08 [1.01 1.15] <sup>1</sup>
				OR: 1.06 [0.98 1.14] <sup>2</sup>
				OR: 1.07 [0.95 1.12] <sup>3</sup>
				PTSD at 2011
				Males
				iviaics

		OR: 1.19 [1.12 1.26] <sup>2</sup>
		Females
		OR: 1.04 [0.99 1.09] <sup>2</sup>
		PTSD at 2015
		Males
		OR: 1.18 [1.09 1.26] <sup>3</sup>
		Females
		OR: 1.02 [0.96 1.09] <sup>3</sup>
		01. 1.02 [0.90 1.09]
		Work-related violence
		All four sectors
		PTSD at 2011
		OR: 1.05 [1.03 1.08] <sup>1</sup>
		OR: 1.05 [1.01 1.08] <sup>2</sup>
		PTSD at 2015
		OR: 1.02 [0.98 1.04] <sup>1</sup>
		OR: 1.03 [1.00 1.06] <sup>2</sup>
		OR: 1.02 [0.98 1.06] <sup>3</sup>
		Elder care
		PTSD at 2011
		OR: 1.04 [0.95 1.12] <sup>1</sup>
		OR: 1.03 [0.94 1.13] <sup>2</sup>
		PTSD at 2015
		OR: 1.07 [0.97 1.15] <sup>1</sup>
		OR: 1.03 [0.93 1.14] <sup>2</sup>
		OR: 1.02 [0.90 1.16] <sup>3</sup>
		L J
		Prison and probation service
		PTSD at 2011
		OR: 1.29 [1.15 1.49] <sup>1</sup>
		OR: 1.26 [1.09 1.46] <sup>2</sup>
		PTSD at 2015
		OR: 1.50 [1.31 1.73] <sup>1</sup>
		OR: 1.42 [1.22 1.65] <sup>2</sup>
		OR: 1.36 [1.36 1.60] <sup>3</sup>

						Psychiatry PTSD at 2011 OR: 1.08 [1.01 1.15] <sup>1</sup> OR: 1.13 [1.03 1.24] <sup>2</sup> PTSD at 2015 OR: 1.04 [0.98 1.10] <sup>1</sup> OR: 1.05 [0.96 1.14] <sup>2</sup> OR: 0.98 [0.88 1.10] <sup>3</sup> Special schools PTSD at 2011 OR: 1.04 [0.98 1.09] <sup>1</sup>
						OR: 1.03 [0.97 1.10] <sup>2</sup> PTSD at 2015 OR: 1.02 [0.97 1.07] <sup>1</sup> OR: 1.02 [0.97 1.07] <sup>2</sup> OR: 1.01 [0.42 1.08] <sup>3</sup>
						PTSD at 2011 Males OR: 1.06 [0.99 1.12] <sup>2</sup> Females OR: 1.03 [0.99 1.07] <sup>2</sup> PTSD at 2015
		1.015	-			Males OR: 1.07 [0.99 1.14] <sup>3</sup> Females OR: 0.99 [0.95 1.05] <sup>3</sup>
	<u>Name:</u> Army STARRS study	<u>n</u> =4,645	Exposure assessment: Self-reported	<u>Type of symptoms</u> : PTSD (30 days)	Models were adjusted for all	<b>Age</b> OR: 1.00 [0.99 1.02] <sup>1</sup>
		<u>Country</u> =USA			other exposures	OR: 1.00 [0.99 1.02] <sup>2</sup>
	Design:	% Formalo - F%	Year of assessment:	Way of assessment:	(model 1) and for	Sev
	Prospective longitudinal (with	<u>%Female</u> =5%	2012	Composite International	lifetime PTSD at baseline (model 2).	<b>Sex</b> Female
	baseline	Age=26.9(0.2) years	Exposure categories:	Diagnostic Interview		OR: Ref
3. Anderso			Unit cohesion, stressful	screening scales (CIDI-		OR: Ref
2019 <sup>20</sup>	2 months before	<u>Type of job/company</u> =	employment	SC) and a six-item		<u>Male</u>

the deployment)	Soldiers from three	characteristics and	screening version of	OR: 0.73 [0.46 1.14] <sup>1</sup>
	combat teams employed	sociodemographic were	the PTSD Checklist	OR: 0.88 [0.51 1.51] <sup>2</sup>
Follow-up period:	in Afghanistan	assessed	(PCL) to assess	
9 months post-			lifetime DSM-4 mental	Race
employment	Inclusion/exclusion= -		disorders	<u>White</u>
				OR: Ref
			Incidence: 11.9%	OR: Ref
			(lifetime)	Black
				OR: 0.99 [0.67 1.48] <sup>1</sup>
				OR: 1.04 [0.72 1.49] <sup>2</sup>
				<u>Asian</u>
				OR: 1.28 [0.77 2.12] <sup>1</sup>
				OR: 1.38 [0.80 2.39] <sup>2</sup>
				<u>Other</u>
				OR: 1.49 [1.04 2.15] <sup>1</sup>
				OR: 1.25 [0.86 1.82] <sup>2</sup>
				Ethnicity
				Non-Hispanic
				OR: Ref
				OR: Ref
				<u>Hispanic</u>
				OR: 1.15 [0.83 1.59] <sup>1</sup>
				OR: 1.22 [0.87 1.73] <sup>2</sup>
				Brigade Combat Team
				Fort #1
				OR: Ref
				OR: Ref
				Fort #2
				OR: 1.15 [0.90 1.47] <sup>1</sup>
				OR: 1.31 [0.97 1.77] <sup>2</sup>
				Fort #3
				OR: 1.00 [0.80 1.24] <sup>1</sup>
				OR: 1.09 [0.82 1.45] <sup>2</sup>
				Number of deployments

			Zero
			OR: Ref
			OR: Ref
			<u>One</u>
			OR: 1.09 [0.84 1.42] <sup>1</sup>
			OR: 0.96 [0.73 1.27] <sup>2</sup>
			<u>≥Two</u>
			OR: 1.12 [0.87 1.43] <sup>1</sup>
			OR: 0.92 [0.71 1.19] <sup>2</sup>
			OR. 0.92 [0.71 1.19]
			Time a line south
			Time in unit
			<u>&gt;6months</u>
			OR: Ref
			OR: Ref
			<1month
			OR: 1.51 [1.12 2.05] <sup>1</sup>
			OR: 1.81 [1.24 2.63] <sup>2</sup>
			<u>1–6 months</u>
			OR: 0.75 [0.58 0.96] <sup>1</sup>
			OR: 0.77 [0.64 0.94] <sup>2</sup>
			Lifetime PTSD at baseline
			OR: 3.06 [2.24 4.17] <sup>1</sup>
			30-day PTSD at baseline
			OR: 2.28 [1.36 3.82] <sup>1</sup>
			- L J
			Deployment stress
			Low/moderate
			OR: Ref
			OR: Ref
			High
			OR: 3.21 [2.75 3.74] <sup>1</sup>
			OR: 3.52 [2.94 4.21] <sup>2</sup>
			Unit askesien at kaselin -
			Unit cohesion at baseline
l			OR: 0.82 [0.73 0.91] <sup>1</sup>

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						OR: 0.74 [0.65 0.84] <sup>2</sup>
	Name: FDNY-	<u>n</u> =5,656	Exposure assessment:	Type of symptoms:	Univariate (model	Age
	WTC-MMP		Demographic and	Probable PTSD	1) and multivariate	<u>20-29 years</u>
		<u>Country</u> = USA	retirement from		adjusting for all	OR: Ref
	Design:		employee databases, all	Way of assessment:	other exposures	<u>30-39 years</u>
	Prospective	<u>%Female</u> = 0%	other information from	Self-reported using	that contributed	OR: 1.0 [0.8 1.3] <sup>1</sup>
	longitudinal with		self-reports.	PTSD checklist (PCL-m)	statistically	<u>40-49 years</u>
	baseline	<u>Age</u> = -			significant in the	OR: 1.0 [0.8 1.3] <sup>1</sup>
	measurement		Year of assessment:	Incidence:16%	univariate model	<u>50-59 years</u>
	within 6 months	Type of job/company=	2001		(model 2).	OR: 0.6 [0.4 1.1] <sup>1</sup>
	from the disaster.	New York fire				<u>60+ years</u>
		department rescue	Exposure categories: -			OR: -
	Follow-up period:	workers who were				<u>Continuous</u>
	2.9 years	involved in the 9/11 WTC				OR: 0.98 [0.97 1.00] <sup>2</sup>
		disaster				
						Education
		Inclusion/exclusion= Fire				<u>High School</u>
		fighters who retired				OR: Ref
		during the study, who				Some College
		arrived at the disaster				OR: 1.1 [0.9 1.3] <sup>1</sup>
		site >14 days after the				College
		recue, and females;				OR: 1.1 [0.9 1.3] <sup>1</sup>
		firefighters				Post-College
						OR: 1.2 [0.8 1.8] <sup>1</sup>
						Living with a partner
						Yes
						OR: Ref
						No
						OR: 1.06 [0.89 1.27] <sup>1</sup>
						Arrival Group
						Morning of 9/11
						OR: 4.8 [3.0 7.5] <sup>1</sup>
						OR: 2.0 [1.3 2.9] <sup>2</sup>
4. Berninger,						Afternoon of 9/11
2010 22						OR: 2.3 [1.5 3.5] <sup>1</sup>

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		OR: 1.1 [0.8 1.5] <sup>2</sup>
		<u>Day 2</u>
		OR: 1.4 [0.8 2.3] <sup>1</sup>
		Days 3-14
		OR: Ref
		Prolonged work at the WTC
		site
		<u>≥4 months</u>
		OR: 2.0 [1.7 2.3] <sup>1</sup>
		<4 months
		OR: Ref
		Rank
		Firefighter
		OR: Ref
		Line officer
		OR: 1.1 [0.95 1.30] <sup>1</sup>
		<u>Chiefs</u>
		OR: 0.96 [0.70 1.32] <sup>1</sup>
		e e.e.e [e e ±.e±]
		Number of deaths in
		firehouse
		<u>0 deaths</u>
		OR: Ref
		<u>1-3 deaths</u>
		OR: 1.5 [1.2 1.9] <sup>1</sup>
		<u>4+ deaths</u>
		OR: 2.3 [1.8 2.9] <sup>1</sup>
		Supervising responsibilities
		Yes
		OR: 2.2 [1.7 2.9] <sup>1</sup>
		<u>No</u>
		OR: Ref
		Previous disaster experience

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							N
							<u>Yes</u> OR: 1.4 [1.2 1.6] <sup>1</sup>
							<u>No</u> OR: Ref
							OK. Kei
							Duration of work at WTC site
							(per month)
							OR: 1.1 [1.1 1.2] <sup>2</sup>
							Reported increase in alcohol
							OR: 1.3 [1.0 1.7] <sup>2</sup>
							Baseline probable PTSD
							OR: 5.6 [4.4 7.0] <sup>2</sup>
		Name: Army	<u>n</u> = 14,254 for AAS and	Exposure assessment:	Type of symptoms:	-	Diversity of Deployment-
		STARSS study	25,629 for NSS.	Self-reported	Probable PTSD		Related Traumatic Stress
					(lifetime and past 30-		Score [0-15]
		Design:	<u>Country</u> = USA	Year of assessment:	day prevalence) was		30-day PTSD
		Retrospective		2011-2013	assessed using the		OR: 1.15 [1.13 1.16] (AAS)
		longitudinal	<u>%Female</u> = 12% for AAS		PTSD Checklist (PCL)		Lifetime PTSD
			and 17% for NSS	Exposure categories:	using DSM-4 criteria		OR: 1.17 [1.16 1.18] (AAS)
		Follow-up period:		Deployment-related			
		-	<u>Age</u> = 29.0(0.1) for AAS	and lifetime stress were	Way of assessment:		Cumulative Deployment-
			and 21.0(0.0) for NSS	assessed (the former	Self-reported		Related Traumatic Stress
				only for the AAS			Score [0 60]
			Type of job/company=	cohort).	Incidence:-		30-day PTSD
			Soldiers at all stages of				OR: 1.03 [1.03 1.04] (AAS)
			their activity (AAS sub-				Lifetime PTSD
			study) and new recruits				OR: 1.00 [0.99 1.00] (AAS)
			(NSS sub-study)				
							Diversity of Lifetime
			Inclusion/exclusion= -				Traumatic Stress Score
							30-day PTSD
							OR: 1.14 [1.13 1.16] (AAS)
							OR: 1.34 [1.30 1.38] (NSS)
							Lifetime PTSD
-	Duerral						OR: 1.16 [1.15 1.17] (AAS)
5.	Brownlow,						OR: 1.34 [1.31 1.38] (NSS)
	2018 <sup>23</sup>		l	l	I	1	

						Cumulative Lifetime
						Traumatic Stress Score
						30-day PTSD
						OR: 1.02 [1.02 1.03] (AAS)
						OR: 0.99 [0.98 1.01] (NSS)
						Lifetime PTSD
						OR: 1.02 [1.01 1.02] (AAS)
						OR: 1.00 [0.99 1.01] (NSS)
	Name: Defense	<u>n</u> = 2,020,340	Exposure assessment:	Type of symptoms:	-	There were 4.85 diagnoses
	Medical	(Iraq/Afghanistan) and	Deployment	PTSD		per 100 deployments among
	Surveillance	529,609 (Korea/Japan)	administration			those who served in
	System (DMSS)			Way of assessment:		Iraq/Afghanistan, this was
		<u>Country</u> = USA	Year of assessment:	Diagnosis using ICD-9		1.04 among those who went
	Design:		2003-2014	criteria.		to Japan/Korea (with a 4.66
	Prospective	<u>%Female</u> = -				ratio between the two
	longitudinal		Exposure categories:	Incidence: -		groups).
		<u>Age</u> = -	Iraq/Afghanistan vs			
	Follow-up period:		Korea/Japan, and			Diagnosis per 100
	36 months post-	Type of job/company=	occupation. Also other			deployments were highest
	deployment.	Individuals who served in	factors were assessed			among combat specific (5.62)
		army, air force, navy and	but where not			and health care (8.52)
		marine. Those who were	considered for this			occupations who went to
		deployed in Iraq and	review.			Iraq/Afghanistan, compared
		Afghanistan were				to others (4.17).
		compared with a				
		reference group who				
		returned from				
		assignments in Korea and				
		Japan.				
6. Brundage,						
2015 24		Inclusion/exclusion= -				
	Name: Defence	<u>n</u> = 1.35 million	Exposure assessment:	Type of symptoms:	Unadjusted (model	Sex
	Manpower Data		Deployment	PTSD	1) and adjusted for	Female
	Center (DMDC)	<u>Country</u> = USA	administration		all other exposures	RR: 1.65 [1.54 1.77] <sup>1</sup>
7. Cameron,	Database and			Way of assessment:	(model 2).	RR: 1.92 [1.84 2.00] <sup>2</sup>
2019 <sup>25</sup>	Defense Medical	<u>%Female</u> = 12%	Year of assessment:	Data from the		Male

Surveillance	1	1000 2008	Defence Medical	[	RR: Ref.
	0	1999-2008			
System (DMSS)	<u>Age</u> = -		Surveillance System		RR: Ref.
		Exposure categories:	(DMSS), with ICD-9-		
Design:	<u>Type of job/company =</u>	Rank and service type.	CM coded diagnoses,		Age
Retrospective	Active duty service		were used.		<u>&lt; 20</u>
longitudinal	members between 1999				RR: Ref.
	and 2008.		Incidence: 52,771		RR: Ref.
Follow-up period:			incident cases (~4%)		<u>20–24</u>
-	Inclusion/exclusion= -				RR: 1.41 [1.25 1.60] <sup>1</sup>
					RR: 1.36 [1.27 1.46] <sup>2</sup>
					25–29
					RR: 1.36 [1.20 1.54] <sup>1</sup>
					RR: 1.52 [1.41 1.65] <sup>2</sup>
					<u>30–34</u>
					RR: 1.00 [0.87 1.15] <sup>1</sup>
					RR: 1.37 [1.25 1.50] <sup>2</sup>
					<u>35–39</u>
					RR: 0.88 [0.76 1.02] <sup>1</sup>
					RR: 1.37 [1.24 1.52] <sup>2</sup>
					> <u>39</u>
					RR: 0.93 [0.80 1.08] <sup>1</sup>
					RR: 1.68 [1.51 1.87] <sup>2</sup>
					Race
					Black
					RR: Ref.
					RR: Ref.
					Other
					RR: 1.32 [1.18 1.47] <sup>1</sup>
					RR: 1.45 [1.36 1.54] <sup>2</sup>
					White
					RR: 1.35 [1.25 1.47] <sup>1</sup>
					RR: 1.58 [1.51 1.66] <sup>2</sup>
					Marital Status
					Married
					RR: 1.13 [1.06 1.20] <sup>1</sup>
					NN. 1.13 [1.00 1.20]

	RR: 1.38 [1.32 1.44] <sup>2</sup>
	Other
	RR: 1.59 [1.40 1.80] <sup>1</sup>
	RR: 1.72 [1.59 1.86] <sup>2</sup>
	Single
	RR: Ref.
	RR: Ref.
	Rank
	<u>E1-E4</u>
	RR: 3.90 [3.19 4.77] <sup>1</sup>
	RR: 4.93 [4.31 5.63] <sup>2</sup>
	<u>E5-E9</u>
	RR: 3.02 [2.47 3.70] <sup>1</sup>
	RR: 3.42 [3.02 3.89] <sup>2</sup>
	<u>01-03</u>
	RR: 1.08 [0.84 1.38] <sup>1</sup>
	RR: 1.17 [1.00 1.36] <sup>2</sup>
	<u>04-09</u>
	RR: Ref.
	RR: Ref.
	AR. Ref.
	Service
	Air Force
	RR: Ref.
	RR: Ref.
	Army
	RR: 3.80 [3.50 4.12] <sup>1</sup>
	RR: 3.80 [3.59 4.02] <sup>2</sup>
	Marines
	RR: 2.90 [2.63 3.19] <sup>1</sup>
	RR: 2.92 [2.73 3.12] <sup>2</sup>
	Navy
	RR: 1.38 [1.25 1.52] <sup>1</sup>
	RR: 1.51 [1.41 1.61] <sup>2</sup>
8. Chiu, 2011         Name: FDNY         n= 1,915         Exposure assessment:         Type of symptoms:         Unadjusted (model)	
<sup>26</sup> pension database Deployment PTSD symptoms 1) and adjusted for	r morning of 9/11

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	<u>Country</u> = USA	administration		all remaining	OR: 4.9 [3.0 7.9] <sup>1</sup>
<u>Design:</u>			Way of assessment:	exposures in the	OR: 4.0 [2.5 6.6] <sup>2</sup>
Prospective	<u>%Female</u> = 0%	Year of assessment:	Self-reported using	model (model 2).	afternoon of 9/11
longitudinal		2001	the PTSD checklist		OR: 2.4 [1.5 3.7] <sup>1</sup>
	<u>Age</u> = 47.0 (6.9) years		(PCL-17) , using a cut-		OR: 2.1 [1.3 3.3] <sup>2</sup>
Follow-up period:		Exposure categories:	off >= 39 (range 17-		<u>day 2</u>
4 years post-	Type of job/company=	Retirement status, rank,	85).		OR: 1.7 [1.0 2.8] <sup>1</sup>
attack.	New York fire	and exposure.			OR: 1.4 [0.9 2.4] <sup>2</sup>
	department firefighters		Incidence: 22%		<u>day 3 to day 14</u>
	who were involved in the				OR: Ref.
	9/11 WTC attacks.				OR: Ref.
	,				
	Inclusion/exclusion= Fire				Retirement status
	marshals, females, those				<u>Disability</u>
	who retired due to				OR: 1.9 [1.5 2.4] <sup>1</sup>
	mental health disability				OR: 1.7 [1.4 2.2] <sup>2</sup>
	and those who did not				Non-disability
	first arrive at the disaster				OR: Ref.
	site were excluded.				OR: Ref.
					AUDIT score
					<u>≥8</u>
					OR: 2.0 [1.5 2.5] <sup>1</sup>
					OR: 1.9 [1.5 2.4] <sup>2</sup>
					<u>&lt;8</u>
					OR: Ref.
					OR: Ref.
					Age on 9/11 [in years]
					<55
					OR: 2.0 [1.4 3.0] <sup>1</sup>
					OR: 1.5 [1.0 3.0] <sup>2</sup>
					≥55
					OR: Ref.
					OR: Ref.
					UN. NEL
					Age on 9/11 - in years

							Cantinuan
1							Continuous
1							OR: 1.0 [1.0 1.0] <sup>1</sup>
1							
							Marital status
							Married
							OR: 0.8 [0.6 1.2] <sup>1</sup>
							Living with a partner
							OR: 1.1 [0.6 2.1] <sup>1</sup>
							Never married
							OR: 0.9 [0.5 1.6] <sup>1</sup>
							Separated/widowed/divorced
							OR: Ref.
1							
							Marital status change since
							9/11
							Status change
							OR: 1.3 [0.9 1.9] <sup>1</sup>
							No change
							OR: Ref.
							OR: Ref.
							Previous profession
							No other profession
							OR: 1.2 $[0.9 \ 1.4]^1$
							Other professions
							OR: Ref.
							GR. Ref.
							Rank
							Chiefs
							OR: 0.5 [0.3 0.9] <sup>1</sup>
1							Captains and lieutenants
1							OR: 0.8 [0.6 1.0] <sup>1</sup>
1							Firefighters
							OR: Ref.
		<u>Name:</u> VU	<u>n</u> = 375	Exposure assessment:	Type of symptoms:	Multivariate models	Age in years
		Cooperative		Self-reported	PTSD	adjusting for all	OR: 1.04 [0.99 1.09]
	rleglio, L8 <sup>27</sup>		<u>Country</u> = USA	Self-reported <u>Year of assessment</u> :	PTSD Way of assessment:	adjusting for all other exposures.	OR: 1.04 [0.99 1.09] Gender

with data fr	om <u>%Female</u> = 5%	2003-2005	Using a clinically	Male
Neurocogni		2003-2003	administered PTSD	OR: Ref.
_		Fundation ante anticat		
Deploymen		Exposure categories:	scale.	Female
Health Stud		Deployment history and	la sidan an 240/	OR: 0.31 [0.07 1.53]
(NDHS).	Type of job/company=	stress exposure.	Incidence: 24%	
	Army soldiers who were		(prevalence)	Number of deployments
Design:	deployed in Iraq			Single deployment
Retrospecti				OR: Ref.
longitudina	Inclusion/exclusion= -			Multiple deployments
				OR: 0.83 [0.27 2.57]
Follow-up p	eriod:			
Between 5.	7			Months since most recent
months (ba	seline)			deployment
and 7.5 mo				OR: 1.00 [0.98 1.02]
post-deploy				
(long-term				Composite emotional health
follow-up).				factor post-deployment
				OR: 1.09 [0.79 1.50]
				Mental health treatment
				received post-deployment
				<u>No</u> OR: Ref.
				<u>Yes</u>
				OR: 4.12 [2.18 7.80]
				Early life events summary
				score
				OR: 0.92 [0.84 1.00]
				Combat and post-battle
				experiences
				OR: 0.99 [0.95 1.03]
				Deployment concerns
				summary score
				OR: 1.01 [0.98 1.04]

	Name: World	<u>n</u> = 2,204	Exposure assessment:	Type of symptoms:	Adjusting for all	Life and family concerns OR: 0.99 [0.94 1.03] Post-deployment life events summary score OR: 1.07 [0.96 1.19] Post-war-zone social support OR: 0.92 [0.89 0.95] Age group at 9/11
	Trade Center		Self-reported	Probable PTSD	other exposures.	<u>18-44</u>
	Health Registry	<u>Country</u> = USA				OR: Ref.
			Year of assessment:	Way of assessment:		<u>45-69</u>
	Design:	<u>%Female</u> = 13%	2001	Self-reported using a combination of the		OR: 0.6 [0.3 1.3]
	Prospective longitudinal	Age= 38 (median)	Exposure categories:	PCL checklist and		Gender
	iongituumai	<u>Age</u> = 50 (median)	Demographic, injury,	DSM-4 criteria.		Male
	Follow-up period:	Type of job/company=	stressors, life			OR: Ref.
	10 years	Police responders to the	threatening event,	Incidence: 11%		<u>Female</u>
		9/11 WTC attacks	support.	(prevalence)		OR: 1.3 [0.7 2.5]
		Inclusion/exclusion=				Hispanic
		Those with at least one				No
		shift at the disaster site,				OR: Ref.
		those without pre-9/11				Yes
		PTSD and with follow-up				OR: 1.2 [0.7 2.0]
		measurements.				
						Household gross income at
						wave 3
						<u>≥75K</u>
						OR: Ref.
						<u>&lt;75K</u>
						OR: 2.0 [1.2 3.4]
10. Cone, 2015						Having social support
28						All of the time

1		
		OR: Ref.
		Most
		OR: 3.5 [2.0 6.1]
		<u>Some</u>
		OR: 3.6 [1.9 6.9]
		Little or none
		OR: 2.6 [1.04 6.5]
		OR: 2.0 [1.04 6.5]
		- · · · · · · ·
		Current employment status
		at wave 3
		Employed
		OR: Ref.
		<u>Unable to work because of</u>
		<u>health</u>
		OR: 3.7 [1.9 7.3]
		Retired
		OR: 1.3 [0.8 2.2]
		<u>Other</u>
		OR: 2.9 [0.8 10.1]
		Number of life stressors in
		last 12 months
		None
		OR: Ref.
		<u>1 to 2</u>
		OR: 1.7 [1.0 2.7]
		<u>≥3</u>
		OR: 3.2 [1.2 8.5]
		Number of events
		threatened your life since
		9/11
		None
		OR: Ref.
		<u>1 to 2</u>
		OR: 1.0 [0.5 1.9]
		<u>≥3</u>

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						OR: 3.3 [1.9 5.6]
						Number of injuries sustained during the 9/11 attacks <u>None</u> OR: Ref. <u>One</u> OR: 1.1 [0.6 2.0] <u>Two or more</u> OR: 1.4 [0.6 3.4] Report of unmet mental
						health care needs at wave 3
						<u>No</u> OR: Ref.
						Yes
						OR: 9.5 [5.3 16.9]
	<u>Name:</u> National Comorbidity Survey	<u>n</u> = 217 exposed and 2,110 unexposed.	Exposure assessment: Self-reported	<u>Type of symptoms</u> : PTSD (according to DSM-4 criteria)	Univariate and multivariate analyses adjusting	Exposure <u>No exposure</u> OR: Ref
	Replication (NCS- R)	<u>Country</u> =USA	Year of assessment: 2001-2002	Way of assessment:	for age of exposure, age of onset	Exposure to
		<u>%Female</u> = 0%	2001 2002	Self-reported (no	diagnoses, race	peacekeeping/relieve work
	<u>Design:</u> Retrospective	<u>Age</u> = 55.0(0.9) for	Exposure categories: Participants who were	specific questionnaire mentioned)		and combat OR: 11.2 [2.9 43.2]
	longitudinal	exposed workers, 43.8	exposed to combat and	mentionedy		01. 11.2 [2.5 45.2]
	Follow-up period:	(0.9) for non-exposed workers	peacekeeping/relieve work or combat only vs	<u>Incidence</u> : 29/(217+2110)=1%		Exposure to combat only OR: 7.3 [3.3 15.8]
	-	WORKERS	non-exposed	23/(217+2110)-176		06.7.5[5.515.8]
		Type of job/company=	participants.			According to the authors the results remained the same in
		Participants employed in combat or service as				multivariate analyses (data
		peacekeeper or relief				not reported)
		worker.				
11. Connorton,		Inclusion/exclusion=				
2011 <sup>29</sup>		Females were excluded				

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	Name: Weill	n= 2,960	Exposure assessment:	Type of symptoms:	Adjusting for	Occupational exposure
	Cornell 9/11	<u><u> </u></u>	Self-reported	PTSD	baseline PTSD and	No
	Screening	Country= USA			demographic	OR: Ref.
	Program	<u></u>	Year of assessment:	Way of assessment:	variables.	Yes
		%Female= -	2002-2004	Using the CAPS		OR: 1.31 [1.13 1.51]
	Design:	<u>vir emale</u>	2002 2001	standardized clinical		
	Prospective	Age= -	Exposure categories:	interview and using		
	longitudinal	<u> </u>	Occupational exposure	the PCL-C		
	ion Breadman	Type of job/company=		questionnaire using		
	Follow-up period:	9/11 WTC disaster		DSM-4 criteria. CAPS		
	Up to 4 years.	recovery workers.		data were used for		
	op to 1 years			exposure-outcome		
		Inclusion/exclusion= -		assessment.		
				Incidence: 9%, 5% and		
				2% had probable self-		
				reported PTSD at T1,		
				T2 and T3,		
				respectively, 15%, 8%		
				and 6% had diagnosed		
12. Cukor, 2011				PTSD at T1, T2 and T3,		
30				respectively.		
	Name: HERRICK	<u>n</u> = 3600	Exposure assessment:	Type of symptoms:	Unadjusted (model	Deployment
	cohort (and other		Deployment	PTSD symptoms	1) and adjusted for	Not deployed
	samples)	<u>Country</u> = UK	administration		age, sex, marital	OR: Ref.
				Way of assessment:	status, education	OR: Ref.
	Design:	<u>%Female</u> = -	Year of assessment:	Self-reporting using	and rank (model 2)	<u>Regulars</u>
	Prospective		2003	the PCL-C		OR: 1.03 [0.79 1.36] <sup>1</sup>
	longitudinal	<u>Age</u> = -		questionnaire.		OR: 1.13 [0.82 1.54] <sup>2</sup>
			Exposure categories:			<u>Reservists</u>
	Follow-up period:	Type of job/company=	Deployment, rank,	Incidence: 4%		OR: 2.90 [1.37 6.12] <sup>1</sup>
	-	Armed forces who were	number of deployments			OR: 2.83 [1.23 6.51] <sup>2</sup>
		deployed in Iraq and	and time since			
		Afghanistan, who were	deployment.			Location of deployment
		compared to armed				Not deployed in
13. Fear, 2010		forces who were not				<u>Iraq/Afghanistan</u>
31		deployed.				OR: Ref.

r		1
		Deployed in Iraq
	Inclusion/exclusion= -	OR: 1.20 [0.87 1.67] <sup>2</sup>
		Deployed in Afghanistan
		OR: 0.93 [0.54 1.59] <sup>2</sup>
		Deployed in Iraq and
		<u>Afghanistan</u>
		OR: 0.92 [0.58 1.46] <sup>2</sup>
		Role of deployment
		Combat service report
		OR: Ref.
		OR: Ref.
		<u>Combat</u>
		OR: 1.99 [1.42 2.78] <sup>1</sup>
		OR: 1.87 [1.26 2.78] <sup>2</sup>
		Service support
		OR: 0.58 [0.28 1.19] <sup>1</sup>
		OR: 0.67 [0.32 1.41] <sup>2</sup>
		Number of deployments
		One deployment
		OR: Ref.
		OR: Ref.
		Two deployments
		OR: 0.83 [0.51 1.36] <sup>1</sup>
		OR: 0.96 [0.58 1.57] <sup>2</sup>
		More than three
		<u>deployments</u>
		OR: 0.61 [0.29 1.26] <sup>1</sup>
		OR: 0.72 [0.34 1.50] <sup>2</sup>
		Time since return from
		deployment
		Up to 1 year
		OR: Ref.
		OR: Ref.
		Up to 2 years

						OR: 1.19 [0.76 1.86] <sup>1</sup> OR: 1.18 [0.75 1.86] <sup>2</sup> Up to 3 years
						OR: 1.95 [1.16 3.27] <sup>1</sup> OR: 1.80 [1.05 3.10] <sup>2</sup>
						Up to 4 years
						OR: 1.98 [1.08 3.65] <sup>1</sup>
						OR: 1.88 [0.98 3.62] <sup>2</sup>
						Up to 5 years
						OR: 1.59 [0.99 2.57] <sup>1</sup>
						OR: 1.53 [0.92 2.55] <sup>2</sup>
						Up to 6.5 years
						OR: 1.79 [0.98 3.26] <sup>1</sup>
						OR: 1.89 [0.99 3.60] <sup>2</sup>
	<u>Name:</u> -	<u>n</u> = 120	Exposure assessment:	Type of symptoms:	Unadjusted	Combat exposure scale [1 5]
	<b>.</b> .		Self-reported.	PTSD symptoms		OR: 1.98 [1.50, 2,62]
	Design:	<u>Country</u> = Portugal				
	Retrospective	a/5 l aa/	Year of assessment: -	Way of assessment:		Sense of coherence
	longitudinal	<u>%Female</u> = 0%		Self-reported using		OR: -5.08 [-3.32, -7.78]
	Follow up pariodu		Exposure categories:	the Impact of Event Scale Revised (with a		Observation of abusive
	Follow-up period:	<u>Age</u> = 64 [59-72]	Combat exposure, abusive violence, sense	cut-off score: >=33)		violence
	-	Type of job/company=	of coherence.	cut-on score. >-55)		No
		Colonial war veterans	of conerence.	Incidence: 41%		OR: Ref.
				(prevalence)		Yes
		Inclusion/exclusion=		(prevalence)		OR: 8.36 [4.56, 15.35]
		Participants who				011 0.30 [4.30, 13.33]
		received psychiatric and				Participation in abusive
		psychological treatment				violence
		during the last 5 years,				No
		and no history of				OR: Ref.
		, traumatic brain injury,				<u>Yes</u>
		neurological disorders or				OR: 3.32 [1.81, 6.08]
14. Ferrajao,		physical disability were				
2016 32		included.				
15. Fichera,	<u>Name:</u> -	<u>n</u> = 383	Exposure assessment:	Type of symptoms:	Adjusting for all	Number of robberies during

ſ	1		1	I		
2015 <sup>33</sup>			Self-reported	PTSD	other exposures	working life
	Design:	<u>Country</u> = Italy	(questionnaires and		(model 1), when	OR: 1.25 [1.07 1.44] <sup>1</sup>
	Prospective		interviews)	Way of assessment:	additionally	OR: 1.15 [0.97 1.36] <sup>2</sup>
	longitudinal, with	<u>%Female</u> = 52%		Self-reported using	adjusting for	OR: 1.27 [1.07 1.51] <sup>3</sup>
	baseline 7-15		Year of assessment:	the Impact of Events	baseline PTSD	OR: 1.18 [0.97 1.44] <sup>4</sup>
	days post-	<u>Age</u> = 43 (9) years	2010-2012	Scale (IES).	(model 2), and the	
	robbery				latter two models in	Gender
		Type of job/company=	Exposure categories:	Incidence: 14%	which random	Males
	Follow-up period:	Employees of a large	Personal characteristics		intercepts were	OR: Ref <sup>1</sup>
	45 days after the	bank who were victims	and characteristics of		adopted (model 3	OR: Ref <sup>2</sup>
	first session	of robberies.	the robberies		and 4).	OR: Ref <sup>3</sup>
						OR: Ref <sup>4</sup>
		Inclusion/exclusion=				<u>Females</u>
		Participants who had				OR: 0.63 [0.31 1.29] <sup>1</sup>
		voluntarily joined and				OR: 0.72 [0.33 1.58] <sup>2</sup>
		employer sponsored				OR: 0.77 [0.34 1.78] <sup>3</sup>
		post-robbery support				OR: 0.85 [0.33 2.13] <sup>4</sup>
		program.				
						Being cashier
						No
						OR: Ref <sup>1</sup>
						OR: Ref <sup>2</sup>
						OR: Ref <sup>3</sup>
						OR: Ref <sup>4</sup>
						Yes
						OR: 0.52 [0.22 122] <sup>1</sup>
						OR: 0.94 [0.36 2.42] <sup>2</sup>
						OR: 0.40 [0.14 1.07] <sup>3</sup>
						OR: 0.76 [0.25 2.25] <sup>4</sup>
						Physical contacts with
						robbers
						No
						OR: Ref <sup>1</sup>
						OR: Ref <sup>2</sup>
						OR: Ref <sup>3</sup>
						OR: Ref <sup>4</sup>
				I		

	1		
			Yes
			OR: 1.21 [0.58 2.54] <sup>1</sup>
			OR: 0.83 [0.36 1.87] <sup>2</sup>
			OR: 1.23 [0.50 2.98] <sup>3</sup>
			OR: 0.86 [0.32 2.28] <sup>4</sup>
			011: 0.00 [0.32 2.20]
			Scuffle [taking part or being
			present]
			No
			OR: Ref <sup>1</sup>
			OR: Ref <sup>2</sup>
			OR: Ref <sup>3</sup>
			OR: Ref <sup>4</sup>
			Yes
			OR: 1.41 [0.61 3.27] <sup>1</sup>
			OR: 1.64 [0.64 4.20] <sup>2</sup>
			OR: 1.72 [0.62 4.78] <sup>3</sup>
			OR: 1.92 [0.63 5.79] <sup>4</sup>
			Being injured during the
			robbery
			No
			OR: Ref <sup>1</sup>
			OR: Ref <sup>2</sup>
			OR: Ref <sup>3</sup>
			OR: Ref <sup>4</sup>
			Yes
			OR: 1.69 [0.58 4.89] <sup>1</sup>
			OR: 1.44 [0.44 4.73] <sup>2</sup>
			OR: 1.81 [0.49 6.61] <sup>3</sup>
			OR: 1.28 [0.31 5.21] <sup>4</sup>
			01. 1.20 [0.31 3.21]
			Worried by other issues
			related to robbery
			No
			OR: Ref <sup>1</sup>
			OR: Ref <sup>2</sup>

			OR: Ref <sup>3</sup>
			OR: Ref⁴
			Yes
			OR: 2.47 [1.16 5.27] <sup>1</sup>
			OR: 2.11 [0.91 4.91] <sup>2</sup>
			OR: 2.88 [1.16 7.19] <sup>3</sup>
			OR: 2.64 [0.95 7.36] <sup>4</sup>
			UR: 2.04 [0.95 7.30]
			Feeling terror and
			hopelessness
			True
			OR: 6.96 [2.25 21.53] <sup>1</sup>
			OR: 1.19 [0.32 4.36] <sup>2</sup>
			OR: 8.64 [2.19 34.10] <sup>3</sup>
			OR: 1.59 [0.33 7.58] <sup>4</sup>
			Partly true
			OR: 2.82 [0.98 8.10] <sup>1</sup>
			OR: 1.10 [0.33 3.65] <sup>2</sup>
			OR: 3.48 [1.00 12.12] <sup>3</sup>
			OR: 1.45 [0.35 6.02] <sup>4</sup>
			01. 1.45 [0.55 0.02]
			Post-session individual
			interview requested
			No
			OR: Ref <sup>1</sup>
			OR: Ref <sup>2</sup>
			OR: Ref <sup>3</sup>
			OR: Ref <sup>4</sup>
			Yes
			OR: 1.09 [0.29 4.09] <sup>1</sup>
			OR: 0.41 [0.09 1.81] <sup>2</sup>
			OR: 0.75 [0.14 4.07] <sup>3</sup>
			OR: 0.35 [0.06 2.07] <sup>4</sup>
			PTSD at T1
			No
			OR: Ref <sup>1</sup>

and Nat Guard ( study. <u>Design:</u> Prospec Iongitud	(RNG) <u>Country</u> = USA <u>%Female</u> = 189 <u>ctive</u> <u>Age</u> = - dinal <u>Type of job/cc</u> <u>-up period</u> : Army reservise	Year of assessment:         2010         Exposure categories:         Personal characteristics,         deployment history and         ts	Type of symptoms:         PTSD         Way of assessment:         Self-reported using         the PCL-C checklist,         based on DSM-4         criteria. Criteria that         sensitive and specific         were used leading to         two different PTSD         definitions.         Incidence:       4.7 and 2.9         per 100 person-year         for sensitive and         specific definition,         respectively.	Univariate models using the sensitive (model 1) and specific (model 2) outcome definition.	$\begin{array}{l} \mbox{OR: Ref}^2 & \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $
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			<u>Hispanic</u>
			IR: 5.5 [3.3–9.1] <sup>1</sup>
			IR: 4.3 [2.4–7.6] <sup>2</sup>
			<u>Other</u>
			IR: 5.3 [3.0–9.1] <sup>1</sup>
			IR: 3.8 [2.0–7.2] <sup>2</sup>
			III. 5.8 [2.0 <sup>-7</sup> .2]
			Education
			< High school
			IR: 4.2 [1.0–16.6] <sup>1</sup>
			IR: 7.9 [2.1–29.1] <sup>2</sup>
			<u>High school</u>
			IR: 6.1 [3.9–9.4] <sup>1</sup>
			IR: 3.6 [2.0–6.4] <sup>2</sup>
			Some college
			IR: 4.8 [3.7–6.2] <sup>1</sup>
			IR: 2.8 [2.0–3.8] <sup>2</sup>
			> College
			IR: 3.5 [2.6–4.8] <sup>1</sup>
			IR: 2.3 [1.6–3.4] <sup>2</sup>
			III. 2.3 [1.0 3.4]
			Marital status
			Never married
			IR: 3.9 [2.7–5.7] <sup>1</sup>
			IR: 2.3 [1.3–4.0] <sup>2</sup>
			Married
			IR: 4.9 [3.8–6.2] <sup>1</sup>
			IR: 2.9 [2.1–4.0] <sup>2</sup>
			Previously married
			IR: 6.1 [3.9–9.5] <sup>1</sup>
			IR: 4.8 [3.0–7.6] <sup>2</sup>
			Rank
			Junior enlisted
			IR: 4.4 [2.2–8.8] <sup>1</sup>
			IR: 1.2 [0.4–3.4] <sup>2</sup>
			Non-Commissioned Officers

			IR: 5.1 [4.1–6.2] <sup>1</sup>
			IR: 3.4 [2.6–4.4] <sup>2</sup>
			<u>Officer</u>
			IR: 3.0 [2.0–4.5] <sup>1</sup>
			IR: 1.4 [0.8–2.5] <sup>2</sup>
			[]
			Number of baseline
			deployments
			Zero
			IR: 3.9 [2.5–5.9] <sup>1</sup>
			IR: 1.4 [0.7–2.5] <sup>2</sup>
			<u>One</u>
			<u>one</u> IR: 4.8 [3.4–6.7] <sup>1</sup>
			IR: 3.9 [2.6–5.9] <sup>2</sup>
			<u>Two</u> IR: 5.1 [3.7–7.0] <sup>1</sup>
			IR: 3.5 [2.4–5.0] <sup>2</sup>
			More than three
			IR: 5.5 [3.6–8.3] <sup>1</sup>
			IR: 2.9 [1.6–5.4] <sup>2</sup>
			Past-year deployment
			Yes
			IR: 7.2 [4.6–11.2] <sup>1</sup>
			IR: 3.0 [1.4–6.3] <sup>2</sup>
			No
			IR: 5.3 [4.4–6.5] <sup>1</sup>
			IR: 3.6 [2.8–4.6] <sup>2</sup>
			Past-year deployment
			trauma
			Yes
			IR: 5.3 [3.2–8.7] <sup>1</sup>
			IR: 2.0 [0.9–4.4] <sup>2</sup>
			<u>No</u>
			IR: 4.6 [3.7–5.6] <sup>1</sup>
			IR: 3.1 [2.4–4.0] <sup>2</sup>

						Past-year civilian trauma
						Yes
						IR: 6.5 [5.2–8.1] <sup>1</sup>
						IR: 4.2 [3.1–5.6] <sup>2</sup>
						No
						IR: 2.9 [2.1–4.0] <sup>1</sup>
						IR: 1.6 [1.0–2.5] <sup>2</sup>
						Component
						Reserve
						IR: 4.0 [3.0–5.3] <sup>1</sup>
						IR: 3.0 [2.1–4.2] <sup>2</sup>
						National Guard
						IR: 5.3 [4.2–6.8] <sup>1</sup>
						IR: 2.8 [2.0–4.0] <sup>2</sup>
						Branch
						Air Force Reserve
						IR: 2.7 [1.3–5.6] <sup>1</sup>
						IR: 1.1 [0.3–3.5] <sup>2</sup>
						Army Reserve
						IR: 4.2 [2.8–6.3] <sup>1</sup>
						IR: 4.2 [2.7–6.6] <sup>2</sup>
						Marine Reserve
						IR: 5.3 [3.0–9.7] <sup>1</sup>
						IR: 2.5 [1.1–5.5] <sup>2</sup>
						Navy Reserve
						IR: 4.0 [2.2–7.2] <sup>1</sup>
						IR: 1.9 [0.9–4.0] <sup>2</sup>
						Air National Guard
						IR: 3.4 [1.9–6.1] <sup>1</sup>
						IR: 0.4 [0.1–1.4] <sup>2</sup>
						Army National Guard
						IR: 5.9 [4.5–7.7] <sup>1</sup>
						IR: 3.6 [2.4–5.0] <sup>2</sup>
17. Goodwin,	<u>Name:</u> -	<u>n</u> = 1,397	Exposure assessment:	Type of symptoms:	Univariate (model	Sex

2012 35			Calf non-out-od			Mala
2012 <sup>35</sup>	Design	Country 111/	Self-reported.	PTSD symptoms	1) and multivariate	Male
	Design:	<u>Country</u> = UK		(delayed onset)	(model 2) adjusting	OR: Ref.
	Prospective		Year of assessment:		for service, rank,	<u>Female</u>
	longitudinal.	<u>%Female</u> = 11%	2004-2006.	Way of assessment:	deployment	OR: 1.46 [0.64 3.36] <sup>1</sup>
				Self-reported using	characteristics,	
	Follow-up period:	<u>Age</u> = -	Exposure categories:	the PCL-C checklist.	depression,	Age
	40.3 months		Personal characteristics,		anxiety/panic	<u>&lt;35</u>
	(median)	Type of job/company=	service, rank and	Incidence: 3.5%	disorder, childhood	OR: Ref.
		Military personnel that	deployment history.		adversity and	<u>≥35</u>
		were and were not			general health,	OR: 0.71 [0.38 1.34] <sup>1</sup>
		deployed in the Iraq war.			alcohol misuse,	
					common mental	Marital status
		Inclusion/exclusion= -			disorders, and	In a relationship
					subthreshold PTSD	OR: Ref.
					all at phase 1.	Single, divorced, separated,
						widowed
						OR: 0.92 [0.39 2.14] <sup>1</sup>
						Service
						Naval services
						OR: 0.40 [0.14 1.19] <sup>1</sup>
						OR: 0.45 [0.16 1.28] <sup>2</sup>
						Army
						OR: Ref.
						OR: Ref.
						Royal Air Force
						OR: 0.23 [0.07 0.81] <sup>1</sup>
						OR: 0.53 [0.15 1.87] <sup>2</sup>
						01. 0.55 [0.15 1.87]
						Rank
						Officer
						OR: 0.17 [0.05 0.57] <sup>1</sup>
						OR: 0.21 [0.06 0.72] <sup>2</sup>
						Other rank
						OR: Ref.
						OR: Ref.

Deployment
Regular
OR: Ref.
<u>Reservist</u>
OR: 0.83 [0.42 1.68] <sup>1</sup>
In a combat role on
deployment
No
OR: Ref.
OR: Ref.
Yes
OR: 3.00 [1.57 5.75] <sup>1</sup>
OR: 2.61 [1.20 5.68] <sup>2</sup>
Thought might be killed
No
<u>No</u> OR: Ref.
OR: Ref.
Yes
OR: 3.69 [1.61 8.45] <sup>1</sup>
OR: 2.38 [1.03 5.46] <sup>2</sup>
Discharged weapon on
deployment
<u>No</u>
OR: Ref.
Yes
OR: 1.48 [0.61 3.60] <sup>1</sup>
Handled bodies on
deployment
<u>No</u>
OR: Ref.
<u>Yes</u> OR: 2.01 [0.93 4.35] <sup>1</sup>
UK: Z.UT 10.93 4.351*

		History o	f depression
		No	
		OR: Ref.	
		OR: Ref.	
		Yes	
		OR: 4.31	[2.19 8.49] <sup>1</sup>
			$[1.75 \ 7.67]^2$
			f anxiety/panic
		disorder	
		<u>No</u>	
		OR: Ref.	
		OR: Ref.	
		<u>Yes</u>	
			[1.92 11.82] <sup>1</sup>
		OR: 2.85	[0.87 9.30] <sup>2</sup>
			d a damatin
			d adversity,
			l behavior
		No	
		OR: Ref.	
		OR: Ref.	
		<u>Yes</u>	
			[1.66 6.40] <sup>1</sup>
		OR: 1.58	$[0.73 \ 3.43]^2$
		Childhoo	d adversity, family
		relations	
		<u>0 adversi</u>	
		OR: Ref.	
		OR: Ref.	
		<u>1 adversi</u>	tv
			[0.53 3.48] <sup>1</sup>
			[0.46 3.63] <sup>2</sup>
			e adversities
			[1.41 6.04] <sup>1</sup>
			[0.99 4.77] <sup>2</sup>

Image: Second			
Fair/noor         OR: 3.05 [1.49 6.23]'           OR: 3.05 [1.49 6.23]'         Excellent/good           OR: 8.64 [0.79 4.28]'         Excellent/good           OR: 8.64         OR: 8.64		Concred bashby status	
OR: 3.05 [1.49 6.23] <sup>1</sup> OR: 3.05 [1.49 6.23] <sup>2</sup> Excellent/good         OR: Ref.         Case         OR: 2.47 [1.12 5.46] <sup>2</sup> OR: Ref.         OR: Ref.         Case         OR: Ref.         Case         OR: 2.47 [1.12 5.46] <sup>2</sup> OR: Ref.         OR: Ref.         OR: 2.47 [1.12 5.46] <sup>2</sup> OR: Ref.         OR: Ref.         OR: 3.40 [1.54 7.47] <sup>2</sup> Alcohol misuse         Non-case         OR: Ref.         Case         OR: Ref.         Case         OR: Ref.         Case         OR: Ref.         Case         OR: Ref.         OR: Ref.         OR: Ref.         OR: Ref.         OR: Ref.			
OR: 1.24 [0.79.4.28] <sup>2</sup> Excellent/good         OR: Ref.         OR: Ref.         OR: Ref.         OR: Ref.         OR: S.58 [2.94 10.58] <sup>1</sup> OR: 2.47 [1.12 5.46] <sup>2</sup> OR: Ref.         OR: Ref.         OR: S.58 [2.94 10.58] <sup>1</sup> OR: 2.47 [1.12 5.46] <sup>2</sup> OR: Ref.         OR: Ref.         OR: Ref.         OR: 2.47 [1.12 5.46] <sup>2</sup> OR: Ref.         OR: Ref.         OR: Ref.         OR: Ref.         OR: Ref.         Case         OR: 7.32 [3.81 14.07] <sup>1</sup> OR: Ref.         Case         OR: Ref.         OR: Ref.         Case         OR: Ref.         Case			
Image: Section of the sectio			
OR: Ref.         OR: Ref.           OR: Ref.         OR: Ref.           OR: Ref.         OR: Ref.           OR: S58 [2.94 10.58]*         OR: S58 [2.94 10.58]*           OR: Ref.         Case           OR: Re			
Image: Common mental disorder         Non-case         OR: Ref.         Case         OR: S.58 [2.94 10.58]*         OR: S.58 [2.94 10.58]*         OR: S.58 [2.94 10.58]*         OR: S.58 [2.94 10.58]*         OR: Ref.         Case         OR: Ref.         <			
Image: Second			
Image: Signed state in the state i		OR: Ref.	
Non-case       OR: Ref.         OR: Ref.       Case         OR: 2.47 [1.12 5.46] <sup>2</sup> Multiple physical symptoms         Non-case       OR: Ref.         OR: Ref.       Case         OR: Ref.       OR: Ref.         OR: Ref.       OR: Ref.         OR: Ref.       OR: Ref.         OR: Ref.       OR: Ref.         OR: 3.40 [1.54 7.47] <sup>2</sup> Alcohol misuse         Non-case       OR: Ref.         OR: Ref.       Case         OR: 2.18 [1.00 4.75] <sup>1</sup> Subthreshold PTSD reported at phase 1         No       OR: Ref.         OR: Ref.       OR: Ref.         OR: Ref.       OR: Ref.         OR: Ref.       OR: Ref.		Common montal disordo	
OR: Ref.         OR: Ref.         OR: Ref.         OR: S58 [2.94 10.58] <sup>1</sup> OR: 2.47 [1.12 5.46] <sup>2</sup> Multiple physical symptoms         Non-case         OR: Ref.         OR: Ref.         OR: Ref.         OR: Ref.         OR: 32 [3.81 14.07] <sup>1</sup> OR: 32 [3.81 14.07] <sup>1</sup> OR: Ref.			.1
OR: Ref.       Case         OR: 5.58 [2.94 10.58] <sup>1</sup> OR: 5.58 [2.94 10.58] <sup>1</sup> OR: 2.47 [1.12 5.46] <sup>2</sup> Multiple physical symptoms         Mon-case       OR: Ref.         OR: Ref.       Case         OR: 3.40 [1.54 7.47] <sup>2</sup> Alcohol misuse         Non-case         OR: Ref.         Case         OR: Ref.			
Image: Case or intervention of the			
OR: 5.58 [2.94 10.58] <sup>1</sup> OR: 2.47 [1.12 5.46] <sup>2</sup> Multiple physical symptoms Non-case OR: Ref.           OR: 7.32 [3.81 14.07] <sup>1</sup> OR: 3.40 [1.54 7.47] <sup>2</sup> Alcohol misuse OR: 7.32 [3.81 14.07] <sup>1</sup> OR: 3.40 [1.54 7.47] <sup>2</sup> Alcohol misuse Non-case OR: 2.18 [1.00 4.75] <sup>1</sup> Subthreshold PTSD reported at phase 1 No OR: Ref.           No           OR: Ref.           OR: 2.18 [1.00 4.75] <sup>1</sup>			
OR: 2.47 [1.12 5.46] <sup>2</sup> Multiple physical symptoms         Non-case         OR: Ref.         Case         OR: 7.32 [3.81 14.07] <sup>1</sup> OR: 3.40 [1.54 7.47] <sup>2</sup> Alcohol misuse         Non-case         OR: Ref.         Case         OR: 2.18 [1.00 4.75] <sup>1</sup> Subthreshold PTSD reported at phase 1         No         OR: Ref.         OR: Ref.         OR: Ref.         OR: 2.18 [1.00 4.75] <sup>1</sup>			
Multiple physical symptoms         Non-case         OR: Ref.         Case         OR: 7.32 [3.81 14.07] <sup>1</sup> OR: 3.40 [1.54 7.47] <sup>2</sup> Alcohol misuse         Non-case         OR: Ref.         Case         OR: 2.18 [1.00 4.75] <sup>1</sup> Subthreshold PTSD reported at phase 1 No OR: Ref.         No         OR: Ref.			
Non-case OR: Ref.         Non-case OR: Ref.           OR: Ref.         Case OR: 7.32 [3.81 14.07] <sup>1</sup> OR: 3.40 [1.54 7.47] <sup>2</sup> Alcohol misuse Non-case OR: Ref.         Alcohol misuse Non-case OR: Ref.           OR: Ref.         Case OR: 2.18 [1.00 4.75] <sup>1</sup> Subtreshold PTSD reported at phase 1 No OR: Ref.           No         OR: 2.18 [1.00 4.75] <sup>1</sup>		OR: 2.47 [1.12 5.46] <sup>2</sup>	
Non-case OR: Ref.         Non-case OR: Ref.           OR: Ref.         Case OR: 7.32 [3.81 14.07] <sup>1</sup> OR: 3.40 [1.54 7.47] <sup>2</sup> Alcohol misuse Non-case OR: Ref.         Alcohol misuse Non-case OR: Ref.           OR: Ref.         Case OR: 2.18 [1.00 4.75] <sup>1</sup> Subtreshold PTSD reported at phase 1 No OR: Ref.           No         OR: 2.18 [1.00 4.75] <sup>1</sup>		Multiple physical sympto	oms
OR: Ref.       OR: Ref.         OR: Ref.       Case         OR: 3.40 [1.54 7.47] <sup>2</sup> Alcohol misuse         Non-case         OR: Ref.         Case         OR: 3.40 [1.54 7.47] <sup>2</sup> Alcohol misuse         Non-case         OR: 2.18 [1.00 4.75] <sup>1</sup> Subthreshold PTSD reported         at phase 1         No         OR: Ref.         OR: Ref.         OR: Ref.         OR: Ref.			-
OR: Ref.       Case OR: 7.32 [3.81 14.07] <sup>1</sup> OR: 3.40 [1.54 7.47] <sup>2</sup> Alcohol misuse       Non-case OR: 2.18 [1.00 4.75] <sup>1</sup> OR: 2.18 [1.00 4.75] <sup>1</sup> Subtreshold PTSD reported at phase 1         NOR: 2.18 [1.00 4.75] <sup>1</sup> Subtreshold PTSD reported at phase 1         NOR: Ref.       OR: 2.18 [1.00 4.75] <sup>1</sup>			
Image: Case or interview of the second of the sec			
OR: 7.32 [3.81 14.07] <sup>1</sup> OR: 3.40 [1.54 7.47] <sup>2</sup> Alcohol misuse         Non-case         OR: Ref.         Case         OR: 2.18 [1.00 4.75] <sup>1</sup> Subtreshold PTSD reported         at phase 1         No         OR: Ref.			
OR: 3.40 [1.54 7.47] <sup>2</sup> Alcohol misuse           Non-case           OR: Ref.           Case           OR: 2.18 [1.00 4.75] <sup>1</sup> Subthreshold PTSD reported           at phase 1           No           OR: Ref.			
Alcohol misuse Non-case OR: Ref. Case OR: 2.18 [1.00 4.75] <sup>1</sup> Subtreshold PTSD reported at phase 1 NO OR: Ref. OR: Ref. OR: 2.18 [1.00 4.75] <sup>1</sup>			
Non-case       OR: Ref.         Case       OR: 2.18 [1.00 4.75] <sup>1</sup> Subthreshold PTSD reported       at phase 1         No       OR: Ref.         OR: Ref.       OR: Ref.         OR: Ref.       OR: Ref.         OR: Ref.       OR: Ref.         OR: Ref.       OR: Ref.			
OR: Ref.         Case Case OR: 2.18 [1.00 4.75] <sup>1</sup> Subthreshold PTSD reported at phase 1           No OR: Ref.           OR: Ref.           OR: Ref.           OR: Ref.           OR: Ref.           OR: Ref.		Alcohol misuse	
OR: Ref.         Case Case OR: 2.18 [1.00 4.75] <sup>1</sup> Subthreshold PTSD reported at phase 1           No OR: Ref.           OR: Ref.           OR: Ref.           OR: Ref.           OR: Ref.           OR: Ref.		Non-case	
OR: 2.18 [1.00 4.75] <sup>1</sup> Subthreshold PTSD reported at phase 1         No         OR: Ref.         OR: Ref.         OR: Ref.			
OR: 2.18 [1.00 4.75] <sup>1</sup> Subthreshold PTSD reported at phase 1         No         OR: Ref.         OR: Ref.         OR: Ref.		Case	
Subthreshold PTSD reported at phase 1 No OR: Ref. OR: Ref. OR: Ref.			
At phase 1       No       OR: Ref.       OR: Ref.			
At phase 1       No       OR: Ref.       OR: Ref.		Subthreshold PTSD report	rted
NO OR: Ref. OR: Ref.			
OR: Ref. OR: Ref.			
OR: Ref.			

			OR: 9.96 [4.67 21.20] <sup>1</sup>
			OR: 4.87 [2.05 11.58] <sup>2</sup>
			Cumulative
			physical/psychological
			morbidity at phase 1
			<u>O reports</u>
			OR: Ref.
			OR: Ref.
			<u>1 report</u>
			OR: 4.40 [1.88 10.33] <sup>1</sup>
			OR: 3.37 [1.30 8.73] <sup>2</sup>
			2 reports
			OR: 10.72 [4.09 28.08] <sup>1</sup>
			OR: 6.56 [2.29 8.73] <sup>2</sup>
			<u>3-4 reports</u>
			<u>S-4 Teports</u> OR: 17.14 [6.84 42.97] <sup>1</sup>
			OR: 17.14 [0.84 42.97] <sup>2</sup> OR: 8.14 [2.81 23.57] <sup>2</sup>
			UR: 8.14 [2.81 23.57] <sup>-</sup>
			Relationship status
			<u>No change</u> OR: Ref.
			In a new relationship since
			phase 1
			OR: 1.17 [0.39 3.52] <sup>1</sup>
			End of a relationship since
			phase 1
			OR: 2.18 [0.84 5.62] <sup>1</sup>
			Serving status
			In service phases 1 and 2
			OR: Ref. OR: Ref.
			() P. Pot
			Not in service phases 1 and 2
			Not in service phases 1 and 2 OR: 1.51 [0.58 3.89] <sup>1</sup>
			Not in service phases 1 and 2

		OR: 2.24 [1.13 4.42] <sup>1</sup>
		OR: 1.46 [0.66 3.23] <sup>2</sup>
		General health status
		Good health stable
		OR: Ref.
		OR: Ref.
		Poor health stable
		OR: 7.83 [3.33 18.44] <sup>1</sup>
		OR: 3.72 [1.19 11.65] <sup>2</sup>
		Decline in health since phase
		<u>1</u>
		⊥ OR: 6.44 [2.89 14.35] <sup>1</sup>
		OR: 3.74 [1.41 9.91] <sup>2</sup>
		Improvement in health since
		phase 1
		OR: 1.71 [0.47 6.24] <sup>1</sup>
		OR: 0.88 [0.24 3.24] <sup>2</sup>
		Alcohol misuse
		No change [no misuse]
		OR: Ref.
		OR: Ref.
		No change [misuse]
		<u>No change [misuse]</u> OR: 3.84 [1.37 10.77] <sup>1</sup>
		No change [misuse]
		No change [misuse] OR: 3.84 [1.37 10.77] <sup>1</sup> OR: 1.29 [0.40 4.18] <sup>2</sup>
		<u>No change [misuse]</u> OR: 3.84 [1.37 10.77] <sup>1</sup> OR: 1.29 [0.40 4.18] <sup>2</sup> Deterioration change since
		No change [misuse] OR: 3.84 [1.37 10.77] <sup>1</sup> OR: 1.29 [0.40 4.18] <sup>2</sup> Deterioration change since phase 1
		No change [misuse] OR: 3.84 $[1.37 \ 10.77]^1$ OR: 1.29 $[0.40 \ 4.18]^2$ Deterioration change since phase 1 OR: 6.10 $[2.45 \ 15.17]^1$
		No change [misuse] OR: 3.84 [1.37 10.77] <sup>1</sup> OR: 1.29 [0.40 4.18] <sup>2</sup> Deterioration change since phase 1 OR: 6.10 [2.45 15.17] <sup>1</sup> OR: 6.15 [2.05 18.48] <sup>2</sup>
		No change [misuse] OR: 3.84 [1.37 10.77] <sup>1</sup> OR: 1.29 [0.40 4.18] <sup>2</sup> Deterioration change since phase 1 OR: 6.10 [2.45 15.17] <sup>1</sup> OR: 6.15 [2.05 18.48] <sup>2</sup> Improvement change since
		No change [misuse] OR: 3.84 [1.37 10.77] <sup>1</sup> OR: 1.29 [0.40 4.18] <sup>2</sup> Deterioration change since phase 1 OR: 6.10 [2.45 15.17] <sup>1</sup> OR: 6.15 [2.05 18.48] <sup>2</sup> Improvement change since phase 1
		No change [misuse] OR: 3.84 [1.37 10.77] <sup>1</sup> OR: 1.29 [0.40 4.18] <sup>2</sup> Deterioration change since phase 1 OR: 6.10 [2.45 15.17] <sup>1</sup> OR: 6.15 [2.05 18.48] <sup>2</sup> Improvement change since phase 1 OR: 1.60 [0.47 5.47] <sup>1</sup>
		No change [misuse] OR: 3.84 [1.37 10.77] <sup>1</sup> OR: 1.29 [0.40 4.18] <sup>2</sup> Deterioration change since phase 1 OR: 6.10 [2.45 15.17] <sup>1</sup> OR: 6.15 [2.05 18.48] <sup>2</sup> Improvement change since phase 1 OR: 1.60 [0.47 5.47] <sup>1</sup>

Image: Second							OR: Ref.
Name: Project VALORn= 738Exposure assessment: Self-reportedType of symptoms: PTSDUnadjustedMegative change since phi 1 OR: 6.29 [3.24 12.21] <sup>1</sup> OR: 7.12 [3.07 16.52] <sup>2</sup> Name: Project VALORn= 738Exposure assessment: Self-reportedType of symptoms: PTSDUnadjustedAge OR: 1.01 [0.81 1.03]Multiple physical symptom OR: Ref. OR: 8.73 [4.56 20.76] <sup>1</sup> OR: 9.73 [4.56 20.76] <sup>1</sup> OR: 7.85 [2.66 21.52] <sup>2</sup> Multiple physical symptom OR: Ref. OR: 8.67 OR: 9.73 [4.56 20.76] <sup>1</sup> OR: 9.74 [5.66 21.52] <sup>2</sup> Design: Retrospective Iongitudinal - <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
Image: Project VALORn=738Exposure assessment: Self-reportedType of symptoms: PTSDUnadjustedAge 							
Name: Project       n= 738       Exposure assessment: Self-reported       Type of symptoms: PTSD       Unadjusted       Age OR: 0.29 [3.24 12.21] <sup>1</sup> OR: 7.12 [3.07 16.52] <sup>2</sup> Name: Project       n= 738       Exposure assessment: Self-reported       Type of symptoms: PTSD       Unadjusted       Age OR: 0.29 [3.24 12.21] <sup>1</sup> OR: 7.12 [3.07 16.52] <sup>2</sup> Name: Project       Name: Project       n= 738       Exposure assessment: Self-reported       Type of symptoms: PTSD       Unadjusted       Age OR: 0.29 [3.24 12.21] <sup>1</sup> OR: 7.12 [3.07 16.52] <sup>2</sup> Design: Retrospective longitudinal Follow-up period: -       n= 738       Exposure assessment: - Self-reported       Type of symptoms: PTSD       Unadjusted       Age OR: 1.01 [0.81 1.03]         Year of assessment: - longitudinal r=       Year of assessment: - Lxposure categories: Deployment risk and resilience.       Way of assessment: Using a structured Clinical interview with DSM-4 criteria.       Biack OR: 1.83 [0.76 4.41] OR: 0.44 [0.19 1.11]         -       Type of job/company= Iraq and Afghanistan army and marine corps veterans.       Incidence: 73% and 68% for females and males, respectively.       Other OR: 0.46 [0.19 1.11]							
Name: Project VALORn= 738Exposure assessment: Self-reportedType of symptoms: PTSDUnadjustedAge OR: 1.01 [0.81 1.03]Design: Retrospective longitudinalmetrospective Self-reportedName: Project y LameMultiple physical symptom OR: Ref. OR: Ref. OR: 9.73 [4.56 20.76]^1 OR: 7.85 [2.86 21.52]^2VALORMame: Project VALORMetrospective longitudinalMetrospective Self-reportedMultiple physical symptom OR: Ref. OR: Ref. PTSDPosign: Retrospective longitudinalMetrospective Self-reportedMage Self-reportedValorAge OR: 1.01 [0.81 1.03]Posign: Retrospective longitudinalMetrospective Self-reportedMage of assessment: Deployment risk and resilience.Mage of assessment: Using a structured Lincidence: 73% and G8% for females and males, respectively.OR: 0.46 [0.19 1.11]Type of iob/company= iraq and Afghanistan army and marine corps veterans.Type of iob/company= iraq and Afghanistan army and marine corpsIncidence: 73% and G8% for females and males, respectively.Other OR: 0.46 [0.19 1.11]							
Name: Project VALORn= 738Exposure assessment: Self-reportedType of symptoms: PTSDUnadjustedAge OR: 101 [0.81 1.03]Design: Retrospective longitudinal Follow-up period: -n= 737 (9.9) years.Exposure assessment: - Self-reportedType of symptoms: PTSDUnadjustedAge OR: 101 [0.81 1.03]Follow-up period: -Type of job/company= Iraq and Afghanistan army and marine corps yeterans.Year of assessment: - Exposure categories: Deloyment risk and resilience.Way of assessment: Using a structured clinical interview with DSM-4 criteria.MadjustedAge OR: 1.01 [0.81 1.03]Type of job/company= traq and Afghanistan army and marine corps yeterans.Type of job/company= rage and Afghanistan army and marine corpsType of job/company= rage and Afghanistan army and marine corpsMay of assessment: marine corpsUnadjustedAge Age OR: 1.01 [0.81 1.03]Combat experiencesType of job/company= rage and Afghanistan army and marine corpsType of job/company= rage and Afghanistan army and marine corpsMay of assessment: marine corpsMay of assessment: rage and Afghanistan army and marine corpsCombat experiences							
Name: Project VALORn= 738Exposure assessment: Self-reportedType of symptoms: PTSDUnadjustedNo change or improveme OR: Ref. Decline in health since ph 1 OR: 7.85 [2.86 21.52]2Design: Retrospective longitudinaln= 738Exposure assessment: Self-reportedType of symptoms: PTSDUnadjustedAge OR: 1.01 [0.81 1.03]Design: Retrospective longitudinal%Female= 51%Year of assessment: - Using a structured clinical interview with DSM-4 criteria.UnadjustedRace White OR: 1.03 [0.76 4.41] OR: 1.83 [0.76 4.41] OR: 1.41 [0.91 1.11]Follow-up period: - -Type of job/company= traq and Afghanistan army and marine corps veterans.Type of job/company= raq and Afghanistan army and marine corpsIncidence: 73% and 68% for females and males, respectively.Orther OR: 0.46 [0.19 1.11]							01.7.12 [5.07 10.52]
Name: Project VALORn= 738Exposure assessment: Self-reportedType of symptoms: PTSDUnadjustedNo change or improveme OR: Ref. Decline in health since ph 1 OR: 7.85 [2.86 21.52]2Design: Retrospective longitudinaln= 738Exposure assessment: Self-reportedType of symptoms: PTSDUnadjustedAge OR: 1.01 [0.81 1.03]Design: Retrospective longitudinal%Female= 51%Year of assessment: - Using a structured clinical interview with DSM-4 criteria.UnadjustedRace White OR: 1.03 [0.76 4.41] OR: 1.83 [0.76 4.41] OR: 1.41 [0.91 1.11]Follow-up period: - -Type of job/company= traq and Afghanistan army and marine corps veterans.Type of job/company= raq and Afghanistan army and marine corpsIncidence: 73% and 68% for females and males, respectively.Orther OR: 0.46 [0.19 1.11]							Multiple physical symptoms
Name: Project VALORn= 738Exposure assessment: Self-reportedType of symptoms: PTSDUnadjustedAge OR: 1.01 [0.81 1.03]Design: Retrospective longitudinaln= 738Exposure assessment: Self-reportedType of symptoms: PTSDUnadjustedAge OR: 1.01 [0.81 1.03]Pesign: Retrospective longitudinal%Female= 51%Year of assessment: - Deployment risk and resilience.Way of assessment: Using a structured clinical interview with DSM-4 criteria.UnadjustedAge OR: 1.01 [0.81 1.03]Follow-up period: -Type of job/company= Iraq and Afghanistan army and marine corps veterans.Year of assessment: - Deployment risk and resilience.Way of assessment: Using a structured clinical interview with DSM-4 criteria.Waite OR: 1.83 [0.76 4.41] OR: 0.46 [0.19 1.11]OR: 0.46 [0.19 1.11]males, respectively. weterans.OR: 0.46 [0.19 1.11]							No change or improvement
Image: Project VALORn= 738Exposure assessment: Self-reportedType of symptoms: PTSDUnadjustedAge OR: 1.01 [0.81 1.03]Design: Retrospective longitudinal Follow-up period: -Mame: Project VALORn= 738Exposure assessment: Self-reportedType of symptoms: PTSDUnadjustedAge OR: 1.01 [0.81 1.03]Design: Retrospective longitudinal Follow-up period: -%Female= 51% Age= 37.7 (9.9) years.Year of assessment: - Deployment risk and resilience.Way of assessment: Using a structured Clinical interview with DSM-4 criteria.NadjustedAge OR: 1.01 [0.81 1.03]Type of job/company= Iraq and Afghanistan army and marine corps veterans.Type of job/company= Iraq and Afghanistan army and marine corpsIncidence: 73% and males, respectively.Other OR: 0.46 [0.19 1.11]Combat experiencesCombat experiencesCombat experiences							
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Name: Project VALORn= 738Exposure assessment: Self-reportedType of symptoms: PTSDUnadjustedAge OR: 1.01 [0.81 1.03]Design: Retrospective longitudinalMame: Project VALORMemale = 51% Memale = 51%Year of assessment: - Using a structured clinical interview with Deployment risk and resilience.Way of assessment: Using a structured clinical interview with DSM-4 criteria.UnadjustedAge OR: 1.01 [0.81 1.03]Follow-up period: Type of job/company= Iraq and Afghanistan army and marine corps veterans.Year of assessment: - PTSDWay of assessment: Using a structured clinical interview with DSM-4 criteria.Race White OR: 1.83 [0.76 4.41] Other OR: 0.46 [0.19 1.11]							Decline in health since phase
Name: Project VALORn= 738Exposure assessment: Self-reportedType of symptoms: PTSDUnadjustedAge OR: 1.01 [0.81 1.03]Design: Retrospective longitudinalMame: Project VALORMemale = 51% Memale = 51%Year of assessment: - Using a structured clinical interview with Deployment risk and resilience.Way of assessment: Using a structured clinical interview with DSM-4 criteria.UnadjustedAge OR: 1.01 [0.81 1.03]Follow-up period: Type of job/company= Iraq and Afghanistan army and marine corps veterans.Year of assessment: - PTSDWay of assessment: Using a structured clinical interview with DSM-4 criteria.Race White OR: 1.83 [0.76 4.41] Other OR: 0.46 [0.19 1.11]							<u>1</u>
Image: Project VALORn= 738Exposure assessment: Self-reportedType of symptoms: PTSDUnadjustedAge OR: 1.01 [0.81 1.03]Design: Retrospective longitudinalCountry= USAYear of assessment: - Memale= 51%Way of assessment: - Using a structured clinical interview with Deployment risk and resilience.Way of assessment: - Using a structured Using a structured DSM-4 criteria.UnadjustedAge OR: 1.01 [0.81 1.03]Pesign: Retrospective longitudinal%Female= 51%Year of assessment: - Peployment risk and resilience.Way of assessment: Using a structured Using a structured DSM-4 criteria.Wnite OR: Ref.Follow-up period: -Type of job/company= Iraq and Afghanistan army and marine corps veterans.Type of job/company= Iraq and Afghanistan army and marine corpsIncidence: 73% and 68% for females and males, respectively.Other OR: 0.46 [0.19 1.11]							
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VALORCountry= USASelf-reportedPTSDOR: 1.01 [0.81 1.03]Design: Retrospective longitudinal <u>%Female</u> = 51%Year of assessment: - Exposure categories: Deployment risk and resilience.Way of assessment: Using a structured clinical interview with DSM-4 criteria.Race White OR: Ref.Follow-up period: -Type of job/company= Iraq and Afghanistan army and marine corps veterans.Incidence: 73% and 68% for females and males, respectively.OR: 0.46 [0.19 1.11]Combat experiencesCombat experiencesCombat experiences		Name: Project	n= 738	Exposure assessment:	Type of symptoms:	Unadjusted	
Design: Retrospective longitudinal%Female= 51%Year of assessment: - LongitudinalWay of assessment: Using a structured clinical interview with Deployment risk and resilience.Way of assessment: Using a structured clinical interview with DSM-4 criteria.RaceFollow-up period: -Age= 37.7 (9.9) years.Exposure categories: Deployment risk and resilience.DSM-4 criteria. DSM-4 criteria.Black OR: 1.83 [0.76 4.41] OR: 0.46 [0.19 1.11]-Type of job/company= Iraq and Afghanistan army and marine corps veterans.Incidence: 73% and 68% for females and males, respectively.Other OR: 0.46 [0.19 1.11]-Combat experiencesCombat experiences			_	Self-reported	PTSD		OR: 1.01 [0.81 1.03]
Design: Retrospective longitudinal%Female= 51%Year of assessment: - LongitudinalWay of assessment: Using a structured clinical interview with Deployment risk and resilience.Way of assessment: Using a structured clinical interview with DSM-4 criteria.RaceFollow-up period: -Age= 37.7 (9.9) years.Exposure categories: Deployment risk and resilience.DSM-4 criteria. DSM-4 criteria.Black OR: 1.83 [0.76 4.41] OR: 0.46 [0.19 1.11]-Type of job/company= Iraq and Afghanistan army and marine corps veterans.Incidence: 73% and 68% for females and males, respectively.Other OR: 0.46 [0.19 1.11]-Combat experiencesCombat experiences			<u>Country</u> = USA				
Retrospective longitudinal       %Female= 51%       Exposure categories:       Using a structured clinical interview with       White         Age= 37.7 (9.9) years.       Deployment risk and resilience.       DSM-4 criteria.       DSM-4 criteria.       Black         -       Type of job/company= lraq and Afghanistan army and marine corps veterans.       Type of job/company= lraq and Afghanistan       Incidence: 73% and 68% for females and males, respectively.       OR: 0.46 [0.19 1.11]		Design:		Year of assessment: -	Way of assessment:		Race
Age= 37.7 (9.9) years.     Deployment risk and resilience.     DSM-4 criteria.     Black OR: 1.83 [0.76 4.41]       -     Type of job/company= Iraq and Afghanistan army and marine corps veterans.     Incidence: 73% and 68% for females and males, respectively.     OR: 0.46 [0.19 1.11]		Retrospective	<u>%Female</u> = 51%		Using a structured		White
Follow-up period:       Type of job/company=       resilience.       Incidence: 73% and       OR: 1.83 [0.76 4.41]         -       Type of job/company=       Incidence: 73% and       Other         Iraq and Afghanistan       68% for females and       OR: 0.46 [0.19 1.11]         army and marine corps       weterans.       Tope of iob/company=       Combat experiences		longitudinal		Exposure categories:	clinical interview with		OR: Ref.
Follow-up period:       resilience.       resilience.       OR: 1.83 [0.76 4.41]         Type of job/company=       Incidence: 73% and       Other         Iraq and Afghanistan       68% for females and       OR: 0.46 [0.19 1.11]         army and marine corps       weterans.       Incidence: 73% and       Other         Combat experiences       Other       OR: 0.46 [0.19 1.11]       Other		-	<u>Age</u> = 37.7 (9.9) years.	Deployment risk and	DSM-4 criteria.		Black
-       Type of job/company=       Incidence: 73% and       Other         Iraq and Afghanistan       68% for females and       OR: 0.46 [0.19 1.11]         army and marine corps       males, respectively.       Combat experiences         veterans.       Combat experiences       Combat experiences		Follow-up period:		resilience.			OR: 1.83 [0.76 4.41]
army and marine corps     males, respectively.       veterans.     Combat experiences		-	Type of job/company=		Incidence: 73% and		Other
veterans. Combat experiences			Iraq and Afghanistan		68% for females and		OR: 0.46 [0.19 1.11]
			army and marine corps		males, respectively.		
			veterans.				Combat experiences
OK. 1.05 [1.00 1.07]							OR: 1.03 [1.00 1.07]
Inclusion/exclusion=			Inclusion/exclusion=				
Participants who had Aftermath of battle			Participants who had				Aftermath of battle
undergone mental health OR: 1.03 [1.00 1.06]			undergone mental health				OR: 1.03 [1.00 1.06]
evaluation at a veterans							-
facility were included. Social support			facility were included.				Social support
Participants with OR: 0.96 [0.93 0.98]			-				OR: 0.96 [0.93 0.98]
probable PTSD and							
18. Green, 2016 females were Length of deployment	18. Green, 2016						Length of deployment
<sup>36</sup> Oversampled to get a OR: 0.97 [0.92 1.03]			oversampled to get a				

	thes sam with wer	od representation of ese groups in the final nple. Only participants h one deployment re included.				Deployment phase Insurgency OR: Ref. Invasion OR: 0.38 [0.16 0.91] Surge OR: 0.44 [0.21 0.93]
Hea Envi Fact Afte Oslo Atta <u>Desi</u> Pros Iong <u>Folk</u> 10, 2	alth and Work     Cou       ironment     Cou       tors in the     %Fe       ermath of the     %Fe       o Terrorist     Age       ack     Age       spective     Emp       gitudinal     min       of th     of th       ow-up period:     atta       22 and 34     Inch	untry= Norway emale= 58% e= 45.4(10.9) years <u>be of job/company</u> = ployees of the histries at the moment the Oslo terrorist	Exposure assessment: Deployment administration Year of assessment: 2011 Exposure categories: Mental health, exposure, work, perceived safety and psychosocial variables.	<u>Type of symptoms</u> : PTS symptoms <u>Way of assessment</u> : Self-reported using a Norwegian version of the Posttraumatic Stress Disorder Checklist – Specific (PCL-C), using DSM-4 criteria. <u>Incidence</u> : 6%, 4%, and 4% during the three follow-up periods, respectively.	Unadjusted (model 1) and multivariate (model 2) with age and gender and traumatic experiences, education level and leadership position.	Presence during attack           Not present during attack           10 months           OR: Ref. <sup>1</sup> OR: Ref. <sup>2</sup> 22 months           OR: Ref. <sup>1</sup> OR: Ref. <sup>1</sup> OR: Ref. <sup>2</sup> 34 months           OR: Ref. <sup>1</sup> OR: Ref. <sup>2</sup> Present during attack           10 months           OR: 8.4 [5.6 12.6] <sup>1</sup> OR: 9.3 [6.1 14.2] <sup>2</sup> 22 months           OR: 6.9 [4.3 11.2] <sup>1</sup> OR: 8.9 [5.2 15.3] <sup>2</sup> 34 months           OR: 8.8 [5.2 15.1] <sup>1</sup> OR: 8.8 [5.2 15.1] <sup>1</sup> OR: 10.0 [5.4 18.6] <sup>2</sup>
Nam Desi Pros	ign: spective <u>Cou</u> gitudinal	1 in control group	Exposure assessment: Deployment administration Year of assessment: 2003	Type of symptoms: PTSD symptoms (using a cut-off >=50) Way of assessment: 17-item National	Univariate (model 1) and adjusted for gender, age, rank and service (model 2).	Combat status <u>Control group</u> Short-term OR: Ref OR: Ref Long-term

	Follow-up period:	combat group, 19% in		Centre for PTSD		OR: Ref
	16 months and	control group	Exposure categories:	Checklist (PCL-C)		OR: Ref
	4.8 year post-		Combat versus control			
	deployment	<u>Age</u> = 39.4(7.9) in combat	group	Incidence: Short term:		Combat group
		group, 42.0(8.9) in		2.2% in control group		Short-term
		control group		and 6.3% in the		OR: 3.01 [1.36 6.64] <sup>1</sup>
				combat group. Long-		OR: 2.91 [1.34 6.31] <sup>2</sup>
		Type of job/company=		term: 2.0% in the		Long-term
		Military personnel that		control group and 5.1		OR: 2.62 [1.12 6.16] <sup>1</sup>
		were and were not		in the combat group.		OR: 2.42 [1.04 5.62] <sup>2</sup>
		deployed in the Iraq war		0 1		
		Inclusion/exclusion= -				
	Name: -	n= 675	Exposure assessment:	Type of symptoms:	-	64.5% of the participants in
		_	Self-reported	PTSD, grouped into		the 1983 PTSD group
	Design:	Country= Israel		four groups: no-PTSD,		reported extreme exposure
	Prospective		Year of assessment:	1983 PTSD, 1984		to danger, compared to
	longitudinal	%Female= -	1983	delayed onset PTSD		24.5% of the no-PTSD group,
	0.000			and 2002 delayed		35.8% of the 2002 delayed
	Follow-up period:	Age= -	Exposure categories:	onset PTSD.		onset PTSD group and 41.4%
	1, 2 and 20 years		Combat exposure was			of the 1984 delayed onset
	post-war	Type of job/company=	self-reported.	Way of assessment:		PTSD group. Whereas 27.9%
	poor nai	War veterans from the		Self-reported using		of the participants in the no-
		Lebanon war		the PTSD inventory,		PTSD group reported extreme
				using DSM-3 criteria.		battles severity, 48.2% of the
		Inclusion/exclusion= -				participants in the 1983 PTSD
		merusion exerusion		Incidence: 16.5%		group reported extreme
				<u>meddenee</u> . 10.570		battles severity. In
						comparison, 39.6% of the
						participants in the 2002
						delayed onset PTSD group
						and 34.5% of the participants
21 Horoch						in the 1984 delayed onset
21. Horesh, 2011 <sup>39</sup>						PTSD group reported extreme
		2116	 			battles severity.
22. Hourani,	<u>Name:</u> -	<u>n</u> = 2116	Exposure assessment:	Type of symptoms:	-	Those with PTSD symptoms

2012 40			Self-reported	PTSD symptoms		also were more likely to
	Design:	Country= USA		, ,		report a previous trauma
	Prospective		Year of assessment:	Way of assessment:		during their lifetime at
	longitudinal	<u>%Female</u> = -	2010	Self-reported using		baseline. High combat
	_			the National Centre		exposure scale scores were
	Follow-up period:	<u>Age</u> = -	Exposure categories:	for PTSD Checklist		associated with PTSD.
	6 months		Exposures like number	(PCL-C) of the		Baseline social support was
		Type of job/company=	of deployments and	Department of		associated with PTSD.
		Marines	stress were used.	Veterans Affairs –		
				Civilian Version.		
		Inclusion/exclusion=				
		Participants who		Incidence: Baseline		
		transitioned from active		prevalence 28%,		
		military duty to civilian		follow-up incidence		
		life were for a minimum		10%		
		of 2 months were				
		included.				
	<u>Name:</u> Fukushima	<u>n</u> = 1,417	Exposure assessment:	Type of symptoms:	Adjusted for age,	Experience of life-
	Nuclear Energy		Self-reported	PTSD symptoms (using	gender and job	threatening danger
	Worker's Support	<u>Country</u> = Japan		a cut-off >=25)	location.	No
	(NEWS) Project.		Year of assessment:	_		OR: Ref. (2011)
		<u>%Female</u> = 5%	2011	Way of assessment:		OR: Ref. (2012)
	Design:			Self-reported using		OR: Ref. (2013)
	Prospective	Age= 39.3 years	Exposure categories:	the Japanese version		OR: Ref. (2014)
	longitudinal		Sociodemographic,	of the Impact of Event		Yes
		Type of job/company=	disaster-related	Scale-Revisited (IES-R),		OR: 4.32 [2.89 6.48] (2011)
	Follow-up period:	Employers of the Tokyo	experiences and	using DSM-4 criteria.		OR: 3.47 [2.43 4.95] (2012)
	Baseline at 2-3	Electric Power Company	psychological distress.	1		OR: 2.78 [1.87 4.14] (2013)
	months post-	in Fukushima.		Incidence: 26%		OR: 2.23 [1.34 3.72] (2014)
	disaster, with					
	follow-up 3 years after that.	Inclusion/exclusion= -				Major property loss
	מונפו נוומנ.					<u>No</u> OR: Ref. (2011)
						OR: Ref. (2012)
						OR: Ref. (2012)
23. Ikeda, 2017						OR: Ref. (2013)
41 41						Yes
	l	1	1		1	103

		OR: 3.45 [2.28 5.23] (2011)
		OR: 2.55 [1.77 3.66] (2012)
		OR: 1.88 [1.25 2.84] (2013)
		OR: 1.39 [0.81 2.37] (2014)
		Discrimination/slurs
		No
		OR: Ref. (2011)
		OR: Ref. (2012)
		OR: Ref. (2013)
		OR: Ref. (2014)
		Yes
		OR: 5.72 [3.37 9.71] (2011)
		OR: 4.47 [2.83 7.08] (2012)
		OR: 3.50 [2.10 5.84] (2013)
		OR: 2.74 [1.42 5.30] (2014)
		Escape from tsunami
		No
		OR: Ref. (2011)
		OR: Ref. (2012)
		OR: Ref. (2013)
		OR: Ref. (2014)
		Yes
		OR: 5.65 [3.27 9.74] (2011)
		OR: 3.72 [2.30 6.02] (2012)
		OR: 2.45 [1.40 4.27] (2013)
		OR: 1.61 [0.78 3.35] (2014)
		Witnessing of plant
		explosions
		<u>No</u>
		<u>NO</u> OR: Ref. (2011)
		Yes
		OR: 2.09 [1.43 3.06] (2011)
		Family member deaths

BMJ	Open

	Name: -	<u>n</u> = 453	Exposure assessment:	Type of symptoms:	Univariate (model	No           OR: Ref. (2011)           Yes           OR: 1.60 [0.80 3.19] (2011)           Colleague deaths           No           OR: Ref. (2011)           Yes           OR: 2.08 [1.33 3.26] (2011)           Home evacuation           No           OR: Ref. (2011)           Yes           OR: Ref. (2011)           Yes           OR: Ref. (2011)           Age
	Namo	n- 452		Tuno of sumptoms:	Linivariata (modal	OR: 1.49 [1.03 2.15] (2011)
	<u>ivarne:</u> -	<u>11</u> = 453	Exposure assessment: Self-reported	<u>PTSD (symptoms</u> :	1) and adjusting for	Age <51 years
	Design:	<u>Country</u> = USA	Sell-reported	diagnosed PTSD - only	all other exposure	<u>&lt;51 years</u> OR: Ref. <sup>1</sup>
	Retrospective	<u>country</u> - 05A	Year of assessment: -	diagnosed PTSD vas	(model 2).	OR: Ref. <sup>2</sup>
	longitudinal	<u>%Female</u> = 24%		extracted for this	(	≥51 years
			Exposure categories:	review)		OR: 1.8 [0.7 3.4] <sup>1</sup>
	Follow-up period:	<u>Age</u> = -	Personal characteristics,			
	-		and exposure at work.	Way of assessment:		Gender
		Type of job/company=		Self-reported using		Female
		Traumatic surgeons		the PCL checklist (with		OR: Ref. <sup>1</sup> OR: Ref. <sup>2</sup>
		Inclusion/exclusion =		a cut-off score >=44).		OR: Ref. <sup>2</sup> Male
		inclusion/ exclusion		Incidence: 15%		OR: 2.1 [1.4 4.6] <sup>1</sup>
				(prevalence)		OR: 1.8 [0.9 5.3] <sup>2</sup>
						Marital status
						<u>Other</u>
						OR: Ref. <sup>1</sup>
						Single
24. Joseph,						OR: 1.2 [0.4 2.8] <sup>1</sup>
2014 42			1	l		

	Race
	Other
	OR: Ref. <sup>1</sup>
	<u>White</u>
	OR: 1.1 [0.8 2.6] <sup>1</sup>
	Comorbidities
	No
	No OR: Ref. <sup>1</sup>
	Yes
	OR: 2.4 [0.6 4.1] <sup>1</sup>
	Urban hospital
	No
	OR: Ref. <sup>1</sup>
	Yes
	OR: 1.6 [0.5 2.4] <sup>1</sup>
	Academic facility
	No
	OR: Ref. <sup>1</sup>
	Yes
	OR: 3.6 [0.9 7.8] <sup>1</sup>
	24-h resident coverage
	No
	OR: Ref. <sup>1</sup>
	OR: Ref. <sup>2</sup>
	Yes
	OR: 1.8 [1.1 3.2] <sup>1</sup>
	OR: 1.4 [0.8 4.2] <sup>2</sup>
	≥5 critical cases per call
	<u>No</u>
	OR: Ref. <sup>1</sup>
	OR: Ref. <sup>2</sup>
	Yes

			OR: 2.4 [1.6 9.4] <sup>1</sup>
			OR: 7 [1.1 8] <sup>2</sup>
			≥7 call duties a month
			<u>No</u> OR: Ref. <sup>1</sup>
			OR: Ref. <sup>2</sup>
			Yes
			OR: 4.6 [2.1 14.6] <sup>1</sup>
			OR: 3.8 [0.9 7.2] <sup>2</sup>
			≥15 operative cases per
			month
			No
			OR: Ref. <sup>1</sup>
			OR: Ref. <sup>2</sup>
			<u>Yes</u>
			OR: 3.1 [1.1 7.2] <sup>1</sup>
			OR: 2.8 [0.4 3.2] <sup>2</sup>
			≥4-h relaxation per day
			<u>No</u> OR: Ref. <sup>1</sup>
			OR: Ref. <sup>2</sup>
			Yes
			OR: 4.6 [1.8 11.5] <sup>1</sup>
			OR: 3.1 [0.9 6.7] <sup>2</sup>
			≥2-wk vacation per year
			No
			OR: Ref. <sup>1</sup>
			OR: Ref. <sup>2</sup>
			Yes
			OR: 1.1 [0.9 6.8] <sup>1</sup>
			OR: 1.4 [0.6 4.1] <sup>2</sup>
			<b>N A</b> <sup>1</sup> 111
			Military experience

	n	1	1	1		γγ
						No
						OR: Ref. <sup>1</sup>
						OR: Ref. <sup>2</sup>
						<u>Yes</u>
						OR: 1.4 [0.8 5.6] <sup>1</sup>
						OR: 1.1 [0.7 3.8] <sup>2</sup>
						01. 1.1 [0.7 5.8]
						War deployment
						No No
						OR: Ref. <sup>1</sup>
						OR: Ref. <sup>2</sup>
						<u>Yes</u>
						OR: 4.2 [2.8 14.1] <sup>1</sup>
						OR: 2.8 [0.9 7.9] <sup>2</sup>
						Smoking
						<u>No</u>
						OR: Ref. <sup>1</sup>
						Yes
						OR: 1.2 [0.8 3.1] <sup>1</sup>
						011.1.2 [0.0 5.1]
						Alcohol
						No
						OR: Ref. <sup>1</sup>
						Yes
						OR: 1.1 [0.5 2.3] <sup>1</sup>
						01.1.1 [0.5 2.5]
						Annual income >\$300,000
						<u>No</u>
						OR: Ref. <sup>1</sup>
						Yes
						OR: 3.6 [0.9 8.4] <sup>1</sup>
	Namo:	<u>n</u> = 675 (369 who were	Exposure according to	Type of symptoms:		Severity of battles
	<u>Name:</u> -		Exposure assessment:		-	
	_ ·	diagnosed with a combat	Self-reported	PTSD		OR: 0.96 [0.63 1.48] (combat
	<u>Design:</u>	stress reaction and 306				stress reaction)
25. Karstoft,	Prospective	without)	Year of assessment:	Way of assessment:		OR: 0.87 [0.55 1.36] (no
2013 43	longitdinal		1983	Self-reported using		combat stress reaction)

		Country= Israel		the PTSD inventory,		
	Follow-up period:	<u>country</u> israel	Exposure categories:	using DSM-3 criteria.		Life threatening war
	1, 2 and 20 years	<u>%Female</u> = 0%	Exposures such as the	Latent growth		OR: 1.90 [1.08 3.35] (combat
	post-war.	<u>//ir cinale</u> = 0/0	severity of battles, life	modelling was used to		stress reaction)
	post-war.	<u>Age</u> = 25.8(4.7)	threatening war, unit	identify PTSD		OR: 0.95 [0.64 1.43] (no
		Age = 23.8(4.7)	atmosphere and social	subgroups. For the		combat stress reaction)
		Type of job/company=	support were assessed.	current review we		combat stress reaction)
		Combat veterans who	support were assessed.	only assessed the		Unit atmosphere
				'delayed onset' PTSD		OR: 1.08 [1.00 1.17] (combat
		were on active duty in the Lebanon war.		'		
		the Lebanon war.		group, as this reflects incidence of PTSD.		stress reaction)
				incidence of PTSD.		OR: 1.02 [0.96 1.09] (no
		Inclusion/exclusion= -		to state a sec		combat stress reaction)
				Incidence: -		Control and and
						Social support
						OR: 0.58 [0.25 1.31] (combat
						stress reaction)
						OR: 0.66 [0.29 1.53] (no
						combat stress reaction)
	<u>Name:</u> -	<u>n</u> = 675 (369 who were	Exposure assessment:	Type of symptoms:	-	Severity of battles
		diagnosed with a combat	Self-reported	PTSD		OR: 1.01 [0.67 1.35] (combat
	Design:	stress reaction and 306				stress reaction)
	Prospective	without)	Year of assessment:	Way of assessment:		OR: 0.87 [0.57 1.32] (no
	longitudinal		1983	Self-reported using		combat stress reaction)
		<u>Country</u> = Israel		the PTSD inventory,		
	Follow-up period:		Exposure categories:	using DSM-3 criteria.		Life threatening war
	1, 2 and 20 years	<u>%Female</u> = 0%	Exposures such as the	Latent growth		OR: 1.91 [1.07 3.24] (combat
	post-war.		severity of battles, life	modelling was used to		stress reaction)
		<u>Age</u> = 25.8(4.7)	threatening war, coping	identify PTSD		OR: 1.01 [0.68 1.50] (no
			were assessed.	subgroups. For the		combat stress reaction)
		Type of job/company=		current review we		
		Combat veterans who		only assessed the		Locus of control
		were on active duty in		'delayed onset' PTSD		OR: 1.12 [0.93 1.35] (combat
		the Lebanon war.		group, as this reflects		stress reaction)
				incidence of PTSD.		OR: 0.88 [0.73 1.05] (no
		Inclusion/exclusion= -				combat stress reaction)
26. Karstoft,				Incidence: -		
2015 44						Problem-focused coping

l						OR: 1.72 [0.80 3.73] (combat
						stress reaction)
						OR: 3.11 [1.16 8.38] (no
						combat stress reaction)
						compatistiess reaction)
						Emotion-focused coping
						OR: 0.60 [0.26–1.35] (combat
						stress reaction)
						OR: 0.28 [0.09–0.93] (no
						combat stress reaction)
	Name: -	<u>n</u> = 980	Exposure assessment:	Type of symptoms:	Multi-variate	Person under train
			Self-reported	PTSD (1 year and	analyses with all	experience
	Design:	<u>Country</u> = Korea		lifetime prevalence).	other exposures	No
	Retrospective		Year of assessment: -		and age. For 1 year	OR: Ref
	longitudinal	<u>%Female</u> = 0%		Way of assessment:	prevalence (model	OR: Ref
			Exposure categories:	The Korean version of	1) and lifetime	<u>Yes</u>
	Follow-up period:	Age= Most participants	Person under train	the Composite	prevalence (model	OR: 1.54 [0.52 4.55] <sup>1</sup>
	-	were in their 40s.	experiences and other	International	2).	OR: 2.06 [0.94 4.55] <sup>2</sup>
			work-related exposures	Diagnostic Interview		
		Type of job/company=	were assessed.	(K-CIDI) was		Number of person under
		Subway drivers		administered to		train experiences
		employed by a public		diagnose PTSD, using		<u>0 experiences</u>
		company in Seoul		DSM-4 criteria.		OR: Ref
						OR: Ref
		Inclusion/exclusion=		Incidence: 1.6% (one		<u>1 experience</u>
		Participants currently on		year prevalence)		OR: 1.77 [0.31 4.47] <sup>1</sup>
		sick leave and female				OR: 1.45 [0.55 3.85] <sup>2</sup>
		drivers were excluded.				≥2 experiences
						OR: 2.36 [0.57 9.70] <sup>1</sup>
						OR: 3.57 [1.32 3.65] <sup>2</sup>
						Severity of victim's injury
						Alive
						OR: Ref
						OR: Ref
						<u>Death</u>
27. Kim, 2014 <sup>45</sup>						OR: 2.49 [0.27 23.27] <sup>1</sup>

	OR: 1.39 [0.40 4.82] <sup>2</sup>
	Person under train
	experience
	>5 years ago
	OR: Ref
	OR: Ref
	<u>≤5 years</u>
	OR: 1.01 [0.11 9.06] <sup>1</sup>
	OR: 0.33 [0.03 2.63] <sup>2</sup>
	Conflict with passengers
	No
	OR: Ref. <sup>1</sup>
	OR: Ref. <sup>2</sup>
	Yes
	OR: 3.21 [1.14 9.03] <sup>1</sup>
	OR: 3.32 [1.55 7.12] <sup>2</sup>
	Sudden stop
	No
	OR: Ref. <sup>1</sup>
	OR: Ref. <sup>2</sup>
	<u>Yes</u>
	OR: 3.66 [0.82 16.4] <sup>1</sup>
	OR: 7.53 [1.77 32.02] <sup>2</sup>
	Near accident
	No
	OR: Ref. <sup>1</sup>
	OR: Ref. <sup>2</sup>
	<u>Yes</u>
	OR: 8.81 [1.96 39.3] <sup>1</sup>
	OR: 6.36 [2.40 16.90] <sup>2</sup>
	Breakdown
	No 11
	OR: Ref. <sup>1</sup>
	OR: Ref. <sup>2</sup>
	<u>Yes</u>

						OR: 1.71 [0.48 6.14] <sup>1</sup>
						OR: 1.89 [0.75 4.75] <sup>2</sup>
						Person under train
						experience of colleague
						No
						OR: Ref. <sup>1</sup>
						OR: Ref. <sup>2</sup>
						<u>Yes</u> OR: 0.55 [0.12 2.47] <sup>2</sup>
	Neme Defense	n 222.002 (monine) and		Turne of currents and	A diverties for	OR: 2.84 [1.32 6.12] <sup>2</sup>
	Name: Defence	<u>n</u> = 332,093 (marine) and	Exposure assessment:	Type of symptoms:	Adjusting for	Sex
	Manpower Data	773,359 (army)	Military databases	PTSD	clustering within	<u>Female</u>
	Center (DMDC),	Country UCA	Veen of encounter,	Max of a second such.	units.	HR: Ref. (marine)
	Career History	<u>Country</u> = USA	Year of assessment:	Way of assessment:		HR: Ref. (army)
	and Archival		2001-2011	Diagnosed PTSD		Male
	Medical	<u>%Female</u> = 7% (marine)	F	obtained from military		HR: 0.40 [0.36 0.44] (marine)
	Personnel System	and 17% (army)	Exposure categories:	records.		HR: 0.57 [0.55 0.59] (army)
	(CHAMPS), and		Personal and	ha - i da na - a - 4 - 20/		• • • • • • • • • • • • • • •
	the Expeditionary	<u>Age</u> = 20.0 (3.9) (marine)	deployment	Incidence: 4.3%		Age at accession
	Medical	and 21.7 (2.1) (army)	characteristics.	(marine); 7.6% (army).		HR: 0.99 [0.98 1.00] (marine)
	Encounter	<b>T</b>				HR: 1.01 [1.00 1.01] (army)
	Database (EMED)	Type of job/company=				Dese
	<b>.</b> .	All service members who				Race
	<u>Design:</u>	went into the army or				White
	Prospective	navy between 2001 and				HR: Ref. (marine)
	longitudinal	2011.				HR: Ref. (army)
	Fallen og samtad.					Non-white
	Follow-up period:	Inclusion/exclusion= -				HR: 0.95 [0.91 1.00] (marine)
	35-43 months.					HR: 0.96 [0.94 0.98] (army)
						<b>Februicitu</b>
						Ethnicity Non Hispanic
						<u>Non-Hispanic</u> HR: Ref. (marine)
29 Louin						HR: Ref. (army)
28. Levin-						Hispanic
Rector, 2018 46						HR: 0.80 [0.75 0.84] (marine)
2018						HR: 0.86 [0.84 0.89] (army)

			Prior substance abuse
			disorder diagnosis
			HR: 3.10 [2.92 3.30] (marine)
			HR: 2.05 [2.00 2.10] (army)
			Waiver status
			No waiver
			HR: Ref. (marine)
			HR: Ref. (army)
			Received medical waiver
			HR: 1.13 [1.07 1.20] (marine)
			HR: 1.02 [0.99 1.05] (army)
			Received other waiver
			HR: 1.12 [1.08 1.16] (marine)
			HR: 1.12 [1.10 1.15] (army)
			Marital status
			Single
			HR: Ref. (marine)
			HR: Ref. (army)
			Divorced/widowed
			HR: 1.21 [1.06 1.39] (marine)
			HR: 1.18 [1.12 1.24] (army)
			Married
			HR: 1.31 [1.24 1.38] (marine)
			HR: 1.20 [1.18 1.23] (army)
			Rank
			Enlisted
			HR: Ref. (marine)
			HR: Ref. (army)
			<u>Officer</u>
			HR: 0.16 [0.13 0.21] (marine)
			HR: 0.20 [0.15 0.26] (army)
			Occupation

						Combat specialist
						HR: Ref. (marine)
						HR: Ref. (army)
						Communications/intelligence
						HR: 0.54 [0.48 0.62] (marine)
						HR: 0.73 [0.70 0.77] (army)
						Craft/repair specialist
						HR: 0.46 [0.40 0.54] (marine)
						HR: 0.62 [0.60 0.65] (army)
						Functional support/other
						HR: 0.46 [0.41 0.51] (marine)
						HR: 0.56 [0.53 0.59] (army)
						<u>Service and supply</u> HR: 0.77 [0.68 0.87] (marine)
						HR: 0.77 [0.88 0.87] (marine) HR: 0.84 [0.80 0.88] (army)
						Healthcare specialist
						Healthcare specialist HR: 1.03 [0.98 1.08] (army)
						HR: 1.03 [0.98 1.08] (anny)
						Cumulative years deployed
						HR: 2.04 [1.93 2.15] (marine)
						HR: 1.74 [1.71 1.76] (army)
						HK. 1.74 [1.71 1.70] (anny)
						Unit cumulative high
						deployment stress rate (per
						100)
						HR: 1.04 [1.03 1.05] (marine)
						HR: 1.05 [1.04 1.06] (army)
						TIK. 1.05 [1.04 1.00] (army)
						Unit stability
						HR: 1.11 [0.92 1.33] (marine)
						HR: 0.69 [0.64 0.74] (army)
	Name: Defence	<u>n</u> = 8,064 (3,416 health	Exposure assessment:	Type of symptoms:	Univariate (model	Health Care Occupation
	Manpower Data	<u>n</u> = 8,004 (3,410 health care profession, 4,648 no	Self-reported.	PTSD	1) and multivariate	No
	Center (DMDC)	health care profession)			(model 1) adjusting	OR: Ref. (1 deployment)
		nearth care profession)	Year of assessment:	Way of assessment:	for all remaining	OR: Ref. (2 deployments)
29. MacGregor,	Design:	<u>Country</u> = USA	2001-2008	Diagnosed, according	exposures	OR: Ref. (3 deployments)
29. MacGregor, 2015 47		<u>country</u> - 05A	2001-2000	to ICD-9-CM criteria,	chusules	
2015	Prospective	1	1		1	Yes

longitudinal	<u>%Female</u> = 0%	Exposure categories:	from inpatient and	OR: 2.02 [1.45 2.80] <sup>1</sup> (1
		military occupation,	outpatient databased.	deployment)
Follow-up period:	Age = Ranging from 27.9	combat rank,		OR: 2.27 [1.26 4.08] <sup>1</sup> (2
Up to 60 days.	(5.7) to 30.2 (7.0) in	deployment specific	Incidence: Ranging	deployments)
	various participating	variables	from 1.9% to 17.9%	OR: 4.37 [1.25 15.28] <sup>1</sup> (3
	groups.		for various	deployments)
	5		participating groups.	, , ,
	Type of job/company=		1 1 00 1	Age
	Navy personnel with one,			OR: 0.97 [0.94 0.99] <sup>1</sup> (1
	two or three			deployment)
	deployments in Iraq			OR: 0.97 [0.93 1.02] <sup>1</sup> (2
	and/or Afghanistan.			deployments)
				OR: 0.94 [0.86 1.03] <sup>1</sup> (3
	Inclusion/exclusion=			deployments)
	Participants who			, , ,
	completed a health			Rank
	assessment within 60			Enlisted
	days post-deployment			OR: Ref.
	were included. Women			OR: Ref.
	were excluded			Officer
				OR: 0.35 [0.18 0.65] <sup>1</sup> (1
				deployment)
				OR: 0.54 [0.12 2.47] <sup>1</sup> (2
				deployments)
				, , ,
				Married
				No
				OR: Ref. (1 deployment)
				OR: Ref. (2 deployments)
				OR: Ref. (3 deployments)
				Yes
				OR: 0.93 [0.67 1.30] <sup>1</sup> (1
				deployment)
				OR: 0.54 [0.32 0.89] <sup>1</sup> (2
				deployments)
				OR: 0.96 [0.36 2.56] <sup>1</sup> (3
				deployments)

Some College No No: Cef. (1 deployment) OR: Ref. (2 deployments) OR: Ref. (3 deployments) OR: OR: (1 (10.97 2.68]* (1 deployment) OR: 0.61 (10.97 2.68]* (1 deployment) OR: 0.61 (10.43 9.21* (2) deployments) OR: 0.41 (10.04 3.921* (2) deployments) OR: Ref. OR: 84.0 [1.64 7.06]* (2 deployment) OR: 3.40 [1.64 7.06]* (2 deployment) OR: 3.45 [1.93 561.59]* (1) deployment) OR: 3.45 [1.93 561.59]* (2) deployment) OR: 3.45 [1.93 561.59]* (2) OR: 3.45 [1.93 561.59]* (2) OR: 3.45 [1.93 561.59]* (2) OR: 3.45 [1.93 561.59]*			
No         OR: Ref. (1 deployment)           OR: Ref. (2 deployments)         OR: Ref. (2 deployments)           Vers         OR: 1.61 (0.97 2.68) <sup>1</sup> (1 deployment)           OR: 0.61 (0.97 2.68) <sup>1</sup> (1 deployment)         OR: 0.66 (0.22 1.97) <sup>1</sup> (2 deployments)           OR: 0.61 (0.04 3.92) <sup>1</sup> (3 deployments)         OR: 0.41 (0.04 3.92) <sup>1</sup> (3 deployments)           OR: 0.66 (0.22 1.97) <sup>1</sup> (2 deployments)         OR: 0.41 (0.04 3.92) <sup>1</sup> (3 deployments)           OR: 0.41 (0.04 3.92) <sup>1</sup> (3 deployments)         OR: Ref.           OR: Ref.         Moderate           OR: 6.64 (3 5.0 12.60) <sup>1</sup> (1 deployment)         OR: 3.40 (1.64 7.06) <sup>1</sup> (2 deployment)           OR: 3.43 (1.69 113.49) <sup>1</sup> (3 deployment)         OR: 3.45 (1.93 5.1.59) <sup>1</sup> (1 deployment)           OR: 3.45 (1.93 5.61.59) <sup>1</sup> (1 deployment)         OR: 3.45 (1.93 5.61.59) <sup>1</sup> (1 deployment)           OR: 3.45 (1.93 5.61.59) <sup>1</sup> (1 deployment)         OR: 3.45 (1.93 5.61.59) <sup>1</sup> (1 deployment)           OR: 3.45 (1.93 5.61.59) <sup>1</sup> (1 deployment)         OR: 3.45 (1.93 5.61.59) <sup>1</sup> (1 deployment)           OR: 3.45 (1.93 5.61.59) <sup>1</sup> (1 deployment)         OR: 3.45 (1.93 5.61.59) <sup>1</sup> (1 deployment)           OR: 3.45 (1.93 5.61.59) <sup>1</sup> (1 deployment)         OR: 3.45 (1.93 5.61.59) <sup>1</sup> (1 deployment)           OR: 3.45 (1.93 5.61.59) <sup>1</sup> (1 deployment)         OR: 3.45 (1.93 5.61.59) <sup>1</sup> (1 deployment)           OR: 3.45 (1.93 5.61.59) <sup>1</sup> (1 deployment)         OR: 3.45 (1.93 5.61.59)		Some College	•
Image: Section of the section of th			:
Image: Section of the section of th			ploymont)
Image: Sector of the sector			
Yes       OR: 1.61 [0.97 2.68]' (1         deployment)       OR: 0.66 [0.22 1.37]' (2         deployments)       OR: 0.41 [0.04 3.92]' (3         deployments)       OR: 0.67 [0.22 1.37]' (2         OR: 0.67 [0.22 1.37]' (2         deployments)       OR: 0.67 [0.22 1.37]' (2         OR: 0.67 [0.22 1.37]' (2         deployments)       OR: 0.67 [0.22 1.37]' (2         OR: 0.67 [0.22 1.37]' (2         deployments)       OR: 0.67 [0.21 1.37]' (3         OR: 0.67 [0.22 1.37]' (1         deployment)       OR: 0.67 [0.21 1.37]' (2         deployment)       OR: 0.57 [0.23 2.65.8]' (2         deployment)       OR: 0.59 [0.20 3.65.8]' (2         deployment)       OR: 0.56 [0.20 3.65.8]' (2         deployment)       OR: 0.57 [0.20 3.65.8]' (2         deployment)       OR: 0.56 [0.20 3.65.8]' (2         deployment)       OR: 0.56 [0.20 3.65.8]' (			
OR: 1.61 [0.37 2.68] <sup>1</sup> (1         deployment)         OR: 0.66 [0.22 1.97] <sup>1</sup> (2         deployments)         OR: 0.41 [0.04 3.92] <sup>1</sup> (3         deployments)         OR: 0.41 [0.04 3.92] <sup>1</sup> (3         deployments)         OR: Ref.         OR: Ref.         OR: Ref.         OR: 64 [3.50 12.60] <sup>1</sup> (1         deployment)         OR: 3.61 [1.64 7.06] <sup>1</sup> (2         deployment)         OR: 3.41 [1.69 113.49] <sup>1</sup> (3         deployment)         OR: 3.42 [1.935 61.59] <sup>1</sup> (1         deployment)         OR: 3.42 [1.93 56 1.59] <sup>1</sup> (1         deployment)         OR: 3.45 [1.93 92.49] <sup>1</sup> (2         deployment)         OR: 3.45 [1.93 61.59] <sup>1</sup> (1         deployment)         OR: 3.45 [1.93 92.49] <sup>1</sup> (2         deployment)         OR: 3.45 [1.93 92.49] <sup>1</sup> (2         deployment)         OR: 3.45 [1.93 868.58] <sup>1</sup> (3         deployments)         Deployment location         Afghanistan/trag			ployments)
Image: second			1 / .
OR: 0.66 [0.22 1.97] <sup>1</sup> (2         deployments)         OR: 0.61 [0.04 3.92] <sup>1</sup> (3         deployments)         Medical utilization         Low         OR: Ref.         OR: Ref.         OR: Ref.         OR: Ref.         OR: 3.40 [1.60 4 3.92] <sup>1</sup> (3         deployments)         OR: Ref.         OR: 3.40 [1.60 7.06] <sup>1</sup> (2         deployments)         OR: 3.45 [1.63 113.49] <sup>1</sup> (3         deployments)         OR: 3.45 [1.63 51.53] <sup>1</sup> (1         deployments)         OR: 46.9 [5.98 368.58] <sup>1</sup> (3			
Image: second			
OR: 0.41 [0.04 3.92] <sup>1</sup> (3         deployments)         Medical utilization         Low         OR: Ref.         OR: Ref.         OR: Ref.         OR: Ref.         OR: Ref.         OR: 6.64 [3.50 12.60] <sup>1</sup> (1         deployment)         OR: 3.84 [1.69 113.49] <sup>1</sup> (3         deployments)         High         OR: 34.52 [19.35 61.59] <sup>1</sup> (1         deployments)         OR: 34.52 [19.35 61.59] <sup>1</sup> (2         deployments)         OR: 34.52 [19.35 61.59] <sup>1</sup> (2         deployments)         OR: 46.96 [5.98 368.58] <sup>1</sup> (3         deployments)         OR: 46.96 [5.98 368.58] <sup>1</sup> (3         deployment location         Afghanistan/Irag			
Image: second			
Medical utilization         Low         OR: Ref.         OR: Ref.         OR: Ref.         OR: Ref.         OR: 64 [3.50 12.60] <sup>2</sup> (1         deployment)         OR: 3.40 [1.64 7.06] <sup>1</sup> (2         deployments)         OR: 3.4.52 [19.35 61.59] <sup>1</sup> (1         deployments)         OR: 15.25 [7.89 29.49] <sup>1</sup> (2         deployments)         OR: 15.25 [7.89 29.49] <sup>1</sup> (2         deployments)         OR: 65.98 368.58] <sup>1</sup> (3         deployments)         OR: 15.25 [7.89 29.49] <sup>1</sup> (2         deployments)         OR: 15.25 [7.89 29.49] <sup>1</sup> (2         deployments)         OR: 40.65 [5.98 368.58] <sup>1</sup> (3			
Medical utilization         Low         OR: Ref.         OR: Ref.         OR: Ref.         OR: Ref.         OR: 64 [3.50 12.60] <sup>2</sup> (1         deployment)         OR: 3.40 [1.64 7.06] <sup>1</sup> (2         deployments)         OR: 3.4.52 [19.35 61.59] <sup>1</sup> (1         deployments)         OR: 15.25 [7.89 29.49] <sup>1</sup> (2         deployments)         OR: 15.25 [7.89 29.49] <sup>1</sup> (2         deployments)         OR: 65.98 368.58] <sup>1</sup> (3         deployments)         OR: 15.25 [7.89 29.49] <sup>1</sup> (2         deployments)         OR: 15.25 [7.89 29.49] <sup>1</sup> (2         deployments)         OR: 40.65 [5.98 368.58] <sup>1</sup> (3		deployments	)
Image: second			
OR: Ref.       OR: Ref.         OR: Ref.       OR: Ref.         OR: Ref.       OR: Ref.         OR: Ref.       OR: Ref.         OR: 0.64 [3.50 12.60] <sup>1</sup> (1         deployment)       OR: 3.40 [1.64 7.06] <sup>1</sup> (2         deployments)       OR: 13.84 [1.69 113.49] <sup>1</sup> (3         deployments)       High         OR: 34.52 [19.35 61.59] <sup>1</sup> (1         deployment)       OR: 15.25 [7.89 29.49] <sup>1</sup> (2         deployments)       OR: 15.25 [7.89 29.49] <sup>1</sup> (2         deployments)       OR: 46.96 [5.98 368.58] <sup>1</sup> (3         deployments)       OR: 46.96 [5.98 368.58] <sup>1</sup> (3         deployments)       Deployment location         Afghanistan/Iraq       Afghanistan/Iraq		Medical utiliz	ation
Image: Construction of the second		Low	
Image: Section of the section of th		OR: Ref.	
Moderate         OR: 6.64 [3.50 12.60] <sup>1</sup> (1         deployment)         OR: 3.40 [1.64 7.06] <sup>1</sup> (2         deployments)         OR: 13.84 [1.69 113.49] <sup>1</sup> (3         deployments)         OR: 34.52 [19.35 61.59] <sup>1</sup> (1         deployment)         OR: 34.52 [19.35 61.59] <sup>1</sup> (1         deployments)         OR: 34.52 [19.35 61.59] <sup>1</sup> (1         deployments)         OR: 15.25 [7.89 29.49] <sup>1</sup> (2         deployments)         OR: 46.96 [5.98 368.58] <sup>1</sup> (3         deployments)         OR: 46.96 [5.98 368.58] <sup>1</sup> (3         deployments)         OR: 46.96 [5.98 368.58] <sup>1</sup> (3		OR: Ref.	
OR: 6.64 [3.50 12.60] <sup>1</sup> (1         deployment)         OR: 3.40 [1.64 7.06] <sup>1</sup> (2         deployments)         OR: 13.84 [1.69 113.49] <sup>1</sup> (3         deployments)         OR: 34.52 [19.35 61.59] <sup>1</sup> (1         deployment)         OR: 34.52 [19.35 61.59] <sup>1</sup> (1         deployment)         OR: 15.25 [7.89 29.49] <sup>1</sup> (2         deployments)         OR: 46.96 [5.98 368.58] <sup>1</sup> (3         deployment location         Afghanistan/Iraq		OR: Ref.	
OR: 6.64 [3.50 12.60] <sup>1</sup> (1         deployment)         OR: 3.40 [1.64 7.06] <sup>1</sup> (2         deployments)         OR: 13.84 [1.69 113.49] <sup>1</sup> (3         deployments)         OR: 34.52 [19.35 61.59] <sup>1</sup> (1         deployment)         OR: 34.52 [19.35 61.59] <sup>1</sup> (1         deployment)         OR: 15.25 [7.89 29.49] <sup>1</sup> (2         deployments)         OR: 46.96 [5.98 368.58] <sup>1</sup> (3         deployment location         Afghanistan/Iraq		Moderate	
deployment)       OR: 3.40 [1.64 7.06] <sup>1</sup> (2         deployments)       OR: 13.84 [1.69 113.49] <sup>1</sup> (3         deployments)       High         OR: 34.52 [19.35 61.59] <sup>1</sup> (1         deployment)       OR: 34.52 [19.35 61.59] <sup>1</sup> (1         deployment)       OR: 15.25 [7.89 29.49] <sup>1</sup> (2         deployments)       OR: 15.25 [7.89 29.49] <sup>1</sup> (2         deployments)       OR: 16.96 [5.98 368.58] <sup>1</sup> (3         deployments)       OR: 46.96 [5.98 368.58] <sup></sup>			0 12.60] <sup>1</sup> (1
OR: 3.40 [1.64 7.06] <sup>1</sup> (2         deployments)         OR: 13.84 [1.69 113.49] <sup>1</sup> (3         deployments)         High         OR: 34.52 [19.35 61.59] <sup>1</sup> (1         deployment)         OR: 15.25 [7.89 29.49] <sup>1</sup> (2         deployment)         OR: 46.96 [5.98 368.58] <sup>1</sup> (3         deployments)         Deployment location         Afghanistan/Iraq			
Image: state of the state			
OR: 13.84 [1.69 113.49] <sup>1</sup> (3         deployments)         High         OR: 34.52 [19.35 61.59] <sup>1</sup> (1         deployment)         OR: 15.25 [7.89 29.49] <sup>1</sup> (2         deployments)         OR: 46.96 [5.98 368.58] <sup>1</sup> (3         deployments)         Deployment location         Afghanistan/Iraq			
Image: state of the state			
High         OR: 34.52 [19.35 61.59] <sup>1</sup> (1         deployment)         OR: 15.25 [7.89 29.49] <sup>1</sup> (2         deployments)         OR: 46.96 [5.98 368.58] <sup>1</sup> (3         deployments)         OR: 46.96 [5.98 368.58] <sup>1</sup> (3         deployments)         Deployment location         Afghanistan/Iraq			
OR: 34.52 [19.35 61.59] <sup>1</sup> (1         deployment)         OR: 15.25 [7.89 29.49] <sup>1</sup> (2         deployments)         OR: 46.96 [5.98 368.58] <sup>1</sup> (3         deployments)         Deployment location         Afghanistan/Iraq			,
deployment) OR: 15.25 [7.89 29.49] <sup>1</sup> (2 deployments) OR: 46.96 [5.98 368.58] <sup>1</sup> (3 deployments) Deployment location Afghanistan/Iraq			).35 61.59] <sup>1</sup> (1
OR: 15.25 [7.89 29.49] <sup>1</sup> (2         deployments)         OR: 46.96 [5.98 368.58] <sup>1</sup> (3         deployments)         Deployment location         Afghanistan/Iraq			
deployments) OR: 46.96 [5.98 368.58] <sup>1</sup> (3 deployments) Deployment location Afghanistan/Iraq			
OR: 46.96 [5.98 368.58] <sup>1</sup> (3 deployments) Deployment location Afghanistan/Iraq			
deployments)       Deployment location       Afghanistan/Iraq			
Deployment location Afghanistan/Iraq			
<u>Afghanistan/Iraq</u>		deployments	1
<u>Afghanistan/Iraq</u>		Denloyment	location
		OR: Ref.	104

	OR: Ref.
	OR: Ref.
	Kuwait
	OR: 0.78 [0.55 1.10] <sup>1</sup> (1
	deployment)
	OR: 0.81 [0.44 1.48] <sup>1</sup> (2
	deployments)
	OR: 1.32 [0.94 1.82] <sup>1</sup> (3
	deployments)
	Number of combat
	exposures
	OR: 1.62 [1.46 1.79] <sup>1</sup> (1
	deployment)
	OR: 1.37 [1.17 1.61] <sup>1</sup> (2
	deployments)
	OR: 1.30 [0.94 1.82] <sup>1</sup> (3
	deployments)
	Current Deployment Time
	OR: 1.00 [1.00 1.01] <sup>1</sup> (1
	deployment)
	OR: 1.00 [1.00 1.01] <sup>1</sup> (2
	deployments)
	OR: 1.00 [0.99 1.01] <sup>1</sup> (3
	deployments)
	deployments
	Previous deployment time
	OR: 1.00 [1.00 1.01] <sup>1</sup> (2
	deployments)
	OR: 1.00 [0.99 1.01] <sup>1</sup> (3
	deployments)
	deployments)
	Previous dwell time
	OR: 1.00 [1.00 1.00] <sup>1</sup> (2
	deployments)
	OR: 1.00 [1.00 1.00] <sup>1</sup> (3

	deployments)
	Only health care occupation
	below
	Felt in great danger of being
	killed
	No
	OR: Ref. <sup>1</sup>
	OR: Ref. <sup>2</sup>
	Yes
	OR: 4.14 [3.13 5.46] <sup>1</sup>
	OR: 3.44 [2.50 4.72] <sup>2</sup>
	Engaged in direct combat
	and discharged weapon
	No
	OR: Ref. <sup>1</sup>
	OR: Ref. <sup>2</sup>
	Yes
	OR: 3.43 [2.42 4.87] <sup>1</sup>
	OR: 1.67 [1.15 2.44] <sup>2</sup>
	Exposed to wounded/dead
	civilians
	No
	OR: Ref. <sup>1</sup>
	Yes
	OR: 1.51 [1.16 1.96] <sup>1</sup>
	Exposed to wounded/dead
	friendly forces
	No
	OR: Ref. <sup>1</sup>
	OR: Ref. <sup>2</sup>
	Yes
	OR: 1.99 [1.52 2.60] <sup>1</sup>
	OR: 1.53 [1.13 2.07] <sup>2</sup>

30. MacGregor, 2012 <sup>48</sup>	Name: Defence Manpower Data Center (DMDC) Design: Prospective longitudinal <u>Follow-up period</u> : 4 years	<u>n</u> =65,704 <u>Country</u> = USA <u>%Female</u> = - <u>Age</u> = 22 (19-53) <u>Type of job/company</u> = Marine corps personnel deployed to Iraq or Kuwait. <u>Inclusion/exclusion</u> = Deployments between 4 and 8 months were considered. Special forces and participants with earlier mental health issues were excluded. Only those with more than one deployment were analysed.	Exposure assessment: Deployment adminstration Year of assessment: 2003-2007 Exposure categories: Dwell-to-deployment ratios were categorised into <1:1, 1:1 and 2:1.	<u>Type of symptoms</u> : PTSD <u>Way of assessment</u> : Diagnosed PTSD with ICD-9-CM criteria were obtained from impatient and outpatient registers <u>Incidence</u> : 1.5%	Adjustment for age and military rank	Exposed to wounded/dead enemy No OR: Ref. <sup>1</sup> Yes OR: 1.79 [1.38 2.34] <sup>1</sup> Dwell to deployment ratio < <u>1:1</u> OR: Ref. <u>1:1</u> OR: 0.83 [0.60 1.13] <u>2:1</u> OR: 0.47 [0.32 0.70]
	Name:	<u>n</u> = 968	Exposure assessment:	Type of symptoms:	Univariate (model	Number of exposures
	Department of		Department of Veterans	PTSD	1) and multivariate	None
	Veterans Affairs	<u>Country</u> = USA	Affairs administrative		(model 2), adjusting	OR: Ref.
31. Maguen,	(VA) database		data (including self-	Way of assessment:	for age, sex, race,	OR: Ref.
2012 <sup>49</sup>	· · ·	%Female= 12%	reports)	Using the self-	marital status, unit,	One

	Destau	[	[		han a hanf a mita	00.402122721
	Design:			reported Primary Care	branch of service,	OR: 4.93 [3.3 7.3] <sup>1</sup>
	Retrospective	<u>Age</u> = 30.3(8.4) years	Year of assessment:	PTSD Screen (PC-	rank and number of	OR: 4.67 [3.1 7.1] <sup>2</sup>
	longitudinal		2007-2010	PTSD) screening	deployments.	<u>Two +</u>
		Type of job/company=		instrument		OR: 6.96 [5.1 9.6] <sup>1</sup>
	Follow-up period:	War veterans who have	Exposure categories:			OR: 6.15 [4.4 8.7] <sup>2</sup>
	11 days	been deployed in Iran	Exposure to traumatic	Incidence: -		
		and Afghanistan.	brain injury			Type of exposure
			mechanisms			None
		Inclusion/exclusion=				OR: Ref.
		Participants with either				OR: Ref.
		no head injury or a head				Blast only
		injury with traumatic				OR: 5.13 [3.2 8.2] <sup>1</sup>
		brain injury were				OR: 4.72 [2.9 7.7] <sup>2</sup>
		included, but not those				Blast plus
		with head injury without				OR: 7.45 [5.4 10.3] <sup>1</sup>
		brain damage.				OR: 6.52 [4.6 9.3] <sup>2</sup>
		C C				1 Non blast
						OR: 4.53 [2.4 8.6] <sup>1</sup>
						OR: 4.60 [2.4 8.8] <sup>2</sup>
						2+ Non blast
						OR: 2.94 [1.17 7.4] <sup>1</sup>
						OR: 3.36 [1.32 8.6] <sup>2</sup>
	Name:	n= 329,049	Exposure assessment:	Type of symptoms:	Univariate models	Age
	Department of		Deployment data	PTSD	were conducted for	16–24
	Veterans Affairs	Country= USA			females (model 1)	RR: Ref.
	(VA) database	<del></del>	Year of assessment:	Way of assessment:	and males (model 2)	RR: Ref.
	· · /	%Female= 12%	2001	PTSD obtained from	separately.	25–29
	Design:			medical health	. ,	RR: 1.05 [0.99 1.11] <sup>1</sup>
	Retrospective	<u>Age</u> = 31.2(9.0)	Exposure categories:	records of those who		RR: 0.96 [0.94 0.97] <sup>2</sup>
	longitudinal		Demographic and	visited veteran		30–39
	5	Type of job/company=	military service data.	facilities from 2002 to		RR: 1.24 [1.17 1.32] <sup>1</sup>
	Follow-up period:	War veterans who have	,	2008. Diagnosis was		RR: 0.98 [0.96 0.99] <sup>2</sup>
	-	been deployed in Iran		done with ICD-9-CM		40–71
		and Afghanistan.		criteria.		RR: 1.21 [1.13 1.30] <sup>1</sup>
						$RR: 0.79 [0.77 0.81]^2$
32. Maguen,		Inclusion/exclusion= -		Incidence: 17% among		
						Bace/Ethnicity
2010 50				females, 22% among		Race/Ethnicity

T			
		males.	White
			RR: Ref.
			RR: Ref.
			<u>Black</u>
			RR: 0.95 [0.86 0.98] <sup>1</sup>
			RR: 0.98 [0.96 1.00] <sup>2</sup>
			<u>Hispanic</u>
			RR: 0.95 [0.88 1.01] <sup>1</sup>
			RR: 0.89 [0.88 0.92] <sup>2</sup>
			<u>Other</u>
			RR: 0.97 [0.86 1.10] <sup>1</sup>
			RR: 1.02 [0.98 1.07] <sup>2</sup>
			Marital status
			Married
			RR: Ref.
			RR: Ref.
			Never married
			RR: 0.97 [0.92 1.02] <sup>1</sup>
			RR: 0.82 [0.80 0.83] <sup>2</sup>
			Divorced/separated/widowed
			RR: 1.15 [1.08 1.22] <sup>1</sup>
			RR: 1.08 [1.06 1.10] <sup>2</sup>
			1.00 [1.00 1.10]
			Component type
			Active duty
			RR: Ref.
			RR: Ref.
			Reserve/National Guard
			RR: 0.90 [0.86 0.94] <sup>1</sup>
			RR: 0.74 [0.73 0.75] <sup>2</sup>
			NN. 0.74 [0.75 0.75]
			Branch of service
			Army
			RR: Ref.
			RR: Ref.
			Marine

						RR: 0.94 [0.85 1.05] <sup>1</sup>
						RR: 0.95 [0.93 0.97] <sup>2</sup>
						<u>Navy</u>
						RR: 0.45 [0.41 0.49] <sup>1</sup>
						RR: 0.33 [0.32 0.34] <sup>2</sup>
						<u>Air Force</u>
						RR: 0.45 [0.41 0.49] <sup>1</sup>
						RR: 0.26 [0.25 0.27] <sup>2</sup>
						Rank
						Enlisted
						RR: Ref.
						RR: Ref.
						Officer
						RR: 0.69 [0.63 0.77] <sup>1</sup>
						RR: 0.51 [0.49 0.54] <sup>2</sup>
						Number of deployments
						One
						RR: Ref.
						RR: Ref.
						More than one
						RR: 1.14 [1.09 1.19] <sup>1</sup>
						RR: 1.15 [1.13 1.16] <sup>2</sup>
	Name: -	<u>n</u> = 19	Exposure assessment:	Type of symptoms:		Only individual participant
	<u>INdITIE.</u> -	<u>11</u> - 19	Self-reported	PTSD	-	data were presented,
	Decign	<u>Country</u> = USA	Sell-reported	PISD		showing associations
	<u>Design:</u>	<u>Country</u> = 03A	Veen of economic anti-	Man of a second anti-		
	Prospective	0/Female 100/	Year of assessment:	Way of assessment:		between the exposures and
	longitudinal	<u>%Female</u> = 16%	2007-2010	Via a structured		PTSD.
				interview, the		
	Follow-up period:	<u>Age</u> = 39.0(9.4) years.	Exposure categories:	Structured Clinical		
	Between 6 and 9		Blast exposure,	Interview for DSM-4		
	years.	Type of job/company=	traumatic brain injury	Axis I Disorders (SCID		
		Military personnel	and re-deployment			
		deployed in Afghanistan	were assessed.	Incidence: 6/19 and		
33. Martindale,		or Iraq		5/19 had current PTSD		
2018 <sup>51</sup>				at T1 and T2,		

r			ſ			1
		Inclusion/exclusion=		respectively.		
		Participants with a				
		history in traumatic brain				
		injury or other				
		neurological or mental				
		disorders were excluded.				
	Name: -	<u>n</u> = 56,753	Exposure assessment:	Type of symptoms:	Multivariate model	Age
			Self-reported	PTSD symptoms (using		OR: 1.39 [1.27 1.52]
	Design:	<u>Country</u> = Japan		a cut-off: >- 25)		
	Prospective		Year of assessment: -			Sex
	longitudinal, with	%Female= 3%		Way of assessment:		Male
	baseline		Exposure categories:	Self-reported with the		OR: Ref.
	measurements	Age=-	Information on personal	Impact of Event Scale-		Female
	one month post-	<u></u>	attributes and mission	Revised (IES-R).		OR: 1.61 [1.29 2.00]
	deployment.	Type of job/company=	duties.			
	acpio, menti	Members of the ground		Incidence:		Rank
	Follow-up period:	defence force at 2011		2283/56753=4%		Enlisted/private
	6 and 12 months	Great East Japan		2203/30/33-4/0		OR: Ref.
	post-deployment.	Earthquake.				Officer
	post deployment.	Earthquake.				OR: 0.77 [0.67 0.88]
		Inclusion/exclusion= -				Administrative official
		Inclusion/exclusion				OR: 1.24 [0.82 1.87]
						OR. 1.24 [0.82 1.87]
						Deployment length
						< 1 month
						OR: Ref.
						<u>1–3 months</u>
						OR: 1.53 [1.37 1.70]
						≥ 3 months
						OR: 2.64 [2.33 2.99]
						Personally affected
						No
						OR: Ref.
						Yes
34. Nagamine,						OR: 2.19 [1.95 2.44]
2018 <sup>52</sup>						
2010	1	1	l	1	1	

						Body recovery duties
						<u>No</u>
						OR: Ref.
						<u>Yes</u>
						OR: 1.37 [1.25 1.51]
						Duties with radiation
						exposure risk
						No
						OR: Ref.
						Yes
						OR: 1.08 [0.97 1.20]
						Timing of post-deployment
						leave
						Within two weeks
						OR: Ref.
						<u>Over two weeks</u>
						OR: 1.34 [1.22 1.47]
						No leave taken
						OR: 1.50 [1.29 1.75]
						•···· 1:00 [1:10 1:00]
						Post-deployment overwork
						No
						OR: Ref.
						Yes: < 3 months
						OR: 1.39 [1.26 1.53]
						<u>Yes: <math>\geq</math> 3 months</u>
						OR: 2.02 [1.78 2.29]
						Post-deployment relocation
						No
						OR: Ref.
						Yes
						OR: 1.12 [0.98 1.28]
35. Osorio,	Name: Secondary	<u>n</u> = 1,635	Exposure assessment:	Type of symptoms:	Nine different	Violent combat
2018 53	analyses on the	<u></u> _,000	Self-reported	PTSD symptoms (re-	models:	No
2010	analyses on the	L	Sen reported		models.	<u></u>

Battlemind RCT.	Country= UK		experience is	Model 1:	RR: Ref. <sup>1</sup>
Battlemina Ref.	<u>country</u> on	Year of assessment:	extracted for this	Unadjusted	RR: Ref. <sup>2</sup>
Design:	<u>%Female</u> = 2%	2009	review - in the paper	Model 2: Adjusted	RR: Ref. <sup>3</sup>
Prospective	<u>/// cmale</u> = 270	2003	also: avoidance,	Model 3: Adjusted	RR: Ref. <sup>4</sup>
longitudinal	Age= 39% was younger	Exposure categories:	numbing, arousal and	for proximity to	RR: Ref. <sup>5</sup>
longituania	than 25 years.	Violent combat	anxious is reported)	wounding or death.	RR: Ref. <sup>6</sup>
Follow-up period:	than 25 years.	situations, proximity to		Model 4: Adjusted	RR: Ref. <sup>7</sup>
4-6 months post	Type of job/company=	wounding or death and	Way of assessment:	for encountering	RR: Ref. <sup>8</sup>
deployment.	Members of three	encountering explosive	Using the National	explosive devices.	RR: Ref. <sup>9</sup>
deployment.	branches of the army	devices.	Center for	Model 5: adjusted	Yes
	forces, returning from	uevices.	Posttraumatic Stress	for PTSD re-	RR: 2.43 [1.95 3.02] <sup>1</sup>
	deployment in		Disorders Checklist –	experiencing,	RR: $-^2$
	Afghanistan.		Civilian Version (PCL-	avoidance,	RR: 1.56 [1.21 2.01] <sup>3</sup>
	Aignanistan.		C). PTSD in general,	numbing, or	RR: 2.04 [1.62 2.58] <sup>4</sup>
	Inclusion/exclusion= -		but also avoiding,	arousal.	RR: 1.81 [1.43 2.29] <sup>5</sup>
			numbing and arousal	Model 6: Adjusted	RR: 2.63 [2.10 3.31] <sup>6</sup>
			behaviour were	for distress.	RR: 2.32 [1.85 2.89] <sup>7</sup>
			reported. For this	Model 7: Adjusted	RR: 2.36 [1.89 2.95] <sup>8</sup>
			review we only	for alcohol.	RR: 1.35 [1.01 1.81] <sup>9</sup>
			extracted PTSD.	Model 8: Ranks,	NN. 1.55 [1.01 1.01]
			extracted FTSD.	deployment and	Proximity to wounding or
			Incidence: 34%	gender.	death
			meidence. 54%	Model 9: Adjusted	No
				for violent combat,	RR: Ref. <sup>1</sup>
				proximity to	RR: Ref. <sup>2</sup>
				wounding or death,	RR: Ref. <sup>3</sup>
				encountering	RR: Ref. <sup>4</sup>
				explosive devices,	RR: Ref. <sup>5</sup>
				PTSD re-	RR: Ref. <sup>6</sup>
				experiencing,	RR: Ref. <sup>7</sup>
				avoidance,	RR: Ref. <sup>8</sup>
				numbing, arousal,	RR: Ref. <sup>9</sup>
				distress, alcohol	Yes
				consumption, rank,	RR: 3.01 [2.42 3.74] <sup>1</sup>
				gender, reserves,	RR: 2.42 $[1.89 \ 3.11]^2$
				deployment.	RR: $-^3$
				deployment.	RR: 2.62 [2.08 3.31] <sup>4</sup>
l					NN. 2.02 [2.00 3.31]

						RR: 2.02 [1.59 2.56] <sup>5</sup>
						RR: 3.03 [2.42 3.80] <sup>6</sup>
						RR: 2.94 [2.36 3.67] <sup>7</sup>
						RR: 3.01 [2.41 3.75] <sup>8</sup>
						RR: 1.67 [1.25 2.23] <sup>9</sup>
						Encountering explosive
						devices
						No
						RR: Ref. <sup>1</sup>
						RR: Ref. <sup>2</sup>
						RR: Ref. <sup>3</sup>
						RR: Ref. <sup>4</sup>
						RR: Ref.⁵
						RR: Ref. <sup>6</sup>
						RR: Ref. <sup>7</sup>
						RR: Ref. <sup>8</sup>
						RR: Ref. <sup>9</sup>
						Yes
						RR: 2.14 [1.71 2.67] <sup>1</sup>
						RR: 1.66 [1.30 2.10] <sup>2</sup>
						RR: 1.54 [1.21 1.95] <sup>3</sup>
						RR: — <sup>4</sup>
						RR: 1.70 [1.33 2.16] <sup>5</sup>
						RR: 2.17 [1.72 2.73] <sup>6</sup>
						RR: 2.01 [1.60 2.52] <sup>7</sup>
						RR: 2.06 [1.65 2.59] <sup>8</sup>
						RR: 1.26 [0.95 1.66] <sup>9</sup>
	<u>Name:</u> Everyday	<u>n</u> = 1,763	Exposure assessment:	Type of symptoms:	Crude model	Frequency of violence
	violence project		Self-reported.	PTSD	adjusting for age	No violence
		<u>Country</u> = Denmark			and gender (model	OR: Ref.
	Design:		Year of assessment:	Way of assessment:	1), additionally	OR: Ref.
	Prospective	<u>%Female</u> = 78%	2016-2017	Self-reported using	adjusting for BMI,	OR: Ref.
	longitudinal			the International	alcohol, years of	Low frequency
36. Pihl-		<u>Age</u> = 48.7 (9.4) years.	Exposure categories:	Trauma	experience, critical	OR: 4.4 [1.3 14.8] <sup>1</sup>
Thingvad,	Follow-up period:		Patient-initiated	Questionnaire, with	incidents outside of	OR: 3.0 [0.90 10.4] <sup>2</sup>
2019 <sup>54</sup>	12 months	Type of job/company=	violence.	ICD-11 criteria.	work, posttraumatic	OR: 4.0 [1.0 16.3] <sup>3</sup>

		Social educators working			stress disorder	Madium fraguanau
		-				Medium frequency
		with disabled adults.		Incidence: 3.5%	symptom level at	OR: 6.3 [1.8 22.9] <sup>1</sup>
					baseline, trauma	OR: 3.7 [1.0 13.8] <sup>2</sup>
		Inclusion/exclusion=			coping self-efficacy,	OR: 5.9 [1.4 24.2] <sup>3</sup>
		Participants in leadership			workplace social	High frequency
		position and with PTSD			capital linking, and	OR: 10.2 [2.9 36.3] <sup>1</sup>
		at baseline were			training (model 2).	OR: 4.2 [1.1 15.9] <sup>2</sup>
		excluded.			In model 3,	OR: 6.5 [1.6 25.6] <sup>3</sup>
					additional for	
					frequency and	Severity of violence
					severity of violence	<u>No violence</u>
					was done.	OR: Ref.
						OR: Ref.
						OR: Ref.
						Max. mild violence
						OR: 2.3 [0.2 22.8] <sup>1</sup>
						OR: 2.3 [0.2 24.4] <sup>2</sup>
						OR: 3.8 [0.3 46.2] <sup>3</sup>
						Max. threats of violence
						OR: 5.1 [1.5 17.5] <sup>1</sup>
						OR: 3.6 [1.0 12.4] <sup>2</sup>
						OR: 5.4 [1.2 24.2] <sup>3</sup>
						Max. moderate violence
						OR: 4.1 [1.1 14.5] <sup>1</sup>
						OR: 2.1 [0.6 8.1] <sup>2</sup>
						OR: 2.6 [0.6 10.8] <sup>3</sup>
						Max. severe violence
						OR: 13.7 [3.1 37.1] <sup>1</sup>
						OR: 5.3 [1.5 19.5] <sup>2</sup>
						OR: 6.5 [1.6 26.0] <sup>3</sup>
	Name: Readiness	n= 426	Exposure assessment:	Type of symptoms:	Adjusting for all	Baseline PTSD symptoms
	and Resilience in		Self-reported	Probable PTSD (new	other pre-	<u>No</u>
	National Guard	<u>Country</u> = USA	-1	onset)	deployment factors	OR: Ref. <sup>1</sup>
	Soldiers.		Year of assessment:	,	(model 1),	OR: Ref. <sup>2</sup>
		%Female= 12%	2006	Way of assessment:	additionally	OR: Ref. <sup>3</sup>
37. Polusny,	Design:			Self-reported using	adjusting for	Yes
2011 <sup>55</sup>	Prospective	Age= Mostly younger	Exposure categories:	the PCL checklist, with	deployment	OR: 0.73 [0.34 1.58] <sup>1</sup>
2011	1105pcctive	THE MOSTLY YOUNGED	<u>Exposure categories</u> .	the recently with	acpioyment	011 01 0 [010 + 1100]

longitudinal	than 30.	Psychosocial risk,	DSM-4 criteria.	exposures (model 2)	OR: 0.79 [0.34 1.85] <sup>2</sup>
iongreadina		protective factors and	bolli i cinteria.	and additionally	OR: 0.69 [0.27 1.79] <sup>3</sup>
Follow-up period:	Type of job/company=	deployment exposures.	Incidence: 14%	adjusting for post-	e clos [0.1, 1., 5]
2 months	National Guard soldiers		<u></u>	deployment factors	Military preparedness
				(model 3).	<u>No</u>
	Inclusion/exclusion=			(	OR: Ref. <sup>1</sup>
	Those with PTSD at				OR: Ref. <sup>2</sup>
	baseline were excluded.				OR: Ref. <sup>3</sup>
					Yes
					OR: 0.58 [0.39 0.87] <sup>1</sup>
					OR: 0.62 [0.40 0.95] <sup>2</sup>
					OR: 0.77 [0.48 1.25] <sup>3</sup>
					Concerns about life/family
					disruptions
					No
					OR: Ref. <sup>1</sup>
					OR: Ref. <sup>2</sup>
					OR: Ref. <sup>3</sup>
					Yes
					OR: 1.38 [0.97 1.97] <sup>1</sup>
					OR: 1.31 [0.88 1.95] <sup>2</sup>
					OR: 1.12 [0.71 1.77] <sup>3</sup>
					Unit support
					<u>No</u>
					OR: Ref. <sup>1</sup>
					OR: Ref. <sup>2</sup>
					OR: Ref. <sup>3</sup>
					Yes
					OR: 1.43 [0.95 2.15] <sup>1</sup>
					OR: 1.15 [0.73 1.79] <sup>2</sup>
					OR: 1.15 [0.70 1.89] <sup>3</sup>
					Combat experiences
					No .
					OR: Ref. <sup>2</sup>

						OR: Ref. <sup>3</sup>
						Yes
						OR: 2.19 [1.40 3.41] <sup>2</sup>
						OR: 2.35 [1.41 3.92] <sup>3</sup>
						Exposure to aftermath of
						battle
						No
						OR: Ref. <sup>2</sup>
						OR: Ref. <sup>3</sup>
						Yes
						OR: 1.62 [1.04 2.53] <sup>2</sup>
						OR: 1.81 [1.08 3.06] <sup>3</sup>
						Perceived life threat
						No
						OR: Ref. <sup>2</sup>
						OR: Ref. <sup>3</sup>
						Yes
						OR: 1.21 [0.81 1.81] <sup>2</sup>
						OR: 1.01 [0.63 1.64] <sup>3</sup>
						Post-deployment social
						support
						<u>No</u>
						OR: Ref. <sup>3</sup>
						Yes
						OR: 0.31 [0.19 0.50] <sup>3</sup>
						Post-deployment life
						stressors
						No
						OR: Ref. <sup>3</sup>
						Yes
						OR: 1.96 [1.17 3.28] <sup>3</sup>
38. Reijnen,	Name: -	<u>n</u> = 994	Exposure assessment:	Type of symptoms:	-	Deployment
2015 <sup>56</sup>			Self-reported	PTSD symptoms		Pre-deployment

	Design:	Country= Netherlands				OR: Ref
	Prospective	<u>country</u> wether and s	Year of assessment:	Way of assessment:		1 month post-deployment
	longitudinal with	%Female= 9%	2005-2008	Self-reported with the		OR: 2.12 [1.4 3.3]
	baseline	viremale 370	2003 2000	Dutch Self-Rating		<u>6 months post-deployment</u>
	measurements 1	<u>Age</u> = 28.5 (9.0)	Exposure categories:	Inventory for PTSD,		OR: 2.18 [1.4 3.4]
	month prior to	<u> </u>	Different categories of	using DSM-4 cut-off		1 year post-deployment
	deployment	Type of job/company=	time since deployment	values		OR: 1.62 [1.0 2.6]
		Dutch military personnel	(compared to pre-			2 years post-deployment
	Follow-up period:	who were deployed to	deployment)	Incidence: 8.9%		OR: 1.33 [2.8 5.8]
	2 years post	Afghanistan	. , ,			
	deployment.	- C				
		Inclusion/exclusion=-				
	Name: -	<u>n</u> = 238	Exposure assessment:	Type of symptoms:	Adjusting for	It is unclear what the
			Self-reported	PTSD	demographics	reference group is for the
	Design:	<u>Country</u> = USA			(model 1),	below associations
	Prospective		Year of assessment:	Way of assessment:	additionally	
	longitudinal	<u>%Female</u> = 8%	2006-2009	Diagnosed during a	adjusting for pre-	Gender
				CAPS structured	deployment	OR: 1.03 [0.12 8.89] <sup>1</sup>
	Follow-up period:	<u>Age</u> = 33.5 (9.5) years.	Exposure categories:	interview.	characteristics	OR: 0.46 [0.04 5.14] <sup>2</sup>
	6 months post		Personal characteristics,		(model 2),	OR: 0.94 [0.03 28.56] <sup>3</sup>
	deployment.	Type of job/company=	pre-deployment and	Incidence: 13%	additionally	OR: 1.12 [0.03 38.70] <sup>4</sup>
		Members of the National	deployment		adjusting for	
		Guard units recently	characteristics.		deployment-related	Ethnicity
		returned from			variables (model 3),	OR: 0.33 [0.04 2.64] <sup>1</sup>
		deployment to Iraq and			and additionally	OR: 0.17 [0.02 1.61] <sup>2</sup>
		Afghanistan.			adjusting for post-	OR: 0.08 [0.00 1.45] <sup>3</sup>
					deployment	OR: 0.07 [0.00 1.18] <sup>4</sup>
		Inclusion/exclusion= -			characteristics	
					(model 4).	Age
						OR: 1.09 [0.69 1.72] <sup>1</sup>
						OR: 1.01 [0.60 1.72] <sup>2</sup>
						OR: 0.7 [0.34 1.41] <sup>3</sup>
						OR: 1.12 [0.31 1.45] <sup>4</sup>
						Negative to me anoment
20 Shan 2012						Negative temperament
39. Shea, 2013						OR: 2.95 [1.66 5.23] <sup>2</sup>
5.			l		1	OR: 2.23 [1.18 4.22] <sup>3</sup>

						OR: 1.46 [0.69 3.09] <sup>4</sup>
						<b>Pre-deployment life events</b> OR: 1.92 [1.19 3.10] <sup>2</sup>
						OR: 1.78 [1.00 3.19] <sup>3</sup> OR: 1.1 [0.56 2.18] <sup>4</sup>
						Preparation and training OR: 0.89 [0.52 1.55] <sup>2</sup> OR: 1.41 [0.68 2.91] <sup>3</sup> OR: 1.99 [0.83 4.62] <sup>4</sup>
						<b>Life and family concerns</b> OR: 2.77 [1.34 5.75] <sup>3</sup> OR: 2.77 [1.28 6.01] <sup>4</sup>
						<b>Deployment environment</b> OR: 1.44 [0.68 3.05] <sup>3</sup> OR: 1.31 [0.58 2.99] <sup>4</sup>
						<b>Unit support</b> OR: 1.03 [0.56 1.90] <sup>3</sup> OR: 1.15 [0.58 2.30] <sup>4</sup>
						<b>Combat exposure</b> OR: 1.88 [1.01 3.50] <sup>3</sup> OR: 2.00 [1.01 3.97] <sup>4</sup>
						Post-deployment support OR: 0.36 [0.15 0.87] <sup>4</sup>
						Post-deployment life events OR: 1.82 [0.98 3.39] <sup>4</sup>
	<u>Name:</u> FDNY- WTC-MMP	<u>n</u> = 11,006 <u>Country</u> = USA	Exposure assessment: Demographics and work status and number of	<u>Type of symptoms</u> : Probable PTSD	Univariate (model 1 & 3) and adjusted for all other	Arrival group Group 3 and 4 HR: Ref <sup>1</sup>
40. Soo, 2011 <sup>58</sup>	<u>Design:</u>	<u>country</u> - oon	colleagues who died	Way of assessment:	exposures (model 2	HR: Ref <sup>2</sup>

	Prospective	%Female= 0%	were obtained from	Self-reported using	& 4), for those with	HR: Ref <sup>3</sup>
	longitudinal	<u>,</u>	databases. Other	the PCL-C checklist.	PTSD at baseline	HR: Ref <sup>4</sup>
	iongicuania	Age= 39.5 (7.4) years	variables were self-		(model 1 & 2) and	Group 1
	Follow-up period:	<u></u>	reported.	Incidence: 8% (after	without (model 3 &	HR: 0.76 [0.58-1.00] <sup>1</sup>
	9 years, with	Type of job/company=		the first follow-up).	4).	HR: $0.74 [0.56-0.99]^2$
	follow-up	New York firefighters	Year of assessment:	the motion up).	.,.	HR: $2.21 [1.80-2.70]^3$
	measurements	involved in the 9/11 WTC	2002			HR: 1.38 [1.12-1.70] <sup>4</sup>
	every 18 months.	attacks.	2002			Group 2
			Exposure categories:			HR: 0.97 [0.75-1.25] <sup>1</sup>
		Inclusion/exclusion=	Exposure to the WTC			HR: $0.85 [0.66 - 1.11]^2$
		Firefighters who arrived	sites			HR: $1.16 [0.98 - 1.39]^3$
		at the site more than 14	51105			HR: 0.90 [0.75-1.08] <sup>4</sup>
		days before the close of				111. 0.50 [0.75 1.00]
		the WTC site were				≥1 death at firehouse on
		included. Women were				9/11
		excluded.				No
		chelddedi				HR: Ref. <sup>1</sup>
						HR: Ref. <sup>2</sup>
						HR: Ref. <sup>3</sup>
						HR: Ref. <sup>4</sup>
						Yes
						HR: 0.84 [0.71-1.00] <sup>1</sup>
						HR: $0.87 [0.73 - 1.04]^2$
						HR: $1.31 [1.12 - 1.54]^3$
						HR: $1.11 [0.95 - 1.31]^4$
						Received counselling during
						year 1
						No
						HR: Ref. <sup>1</sup>
						HR: Ref. <sup>2</sup>
						HR: Ref. <sup>3</sup>
						HR: Ref. <sup>4</sup>
						Yes
						HR: 0.89 [0.76-1.04] <sup>1</sup>
						HR: 0.98 [0.83-1.15] <sup>2</sup>
						HR: 2.02 [1.74-2.35] <sup>3</sup>
L	1	1	I		1	

		Н	R: 1.59 [1.36-1.85] <sup>4</sup>
			ach concurrent
		а	erodigestive symptom
		<u>N</u>	
			R: Ref. <sup>1</sup>
			R: Ref. <sup>2</sup>
			R: Ref. <sup>3</sup>
		Н	R: Ref. <sup>4</sup>
			<u>es</u>
		Н	R: 0.87 [0.84-0.90] <sup>1</sup>
		Н	R: 0.89 [0.86-0.93] <sup>2</sup>
			R: 1.62 [1.56-1.67] <sup>3</sup>
		Н	R: 1.45 [1.40-1.51] <sup>4</sup>
		С	oncurrent alcohol intake
		N	o increase since 9/11
		Ir	ncreased since 9/11
		Н	R: 0.77 [0.53-1.12] <sup>1</sup>
			R: 0.83 [0.56-1.22] <sup>2</sup>
		н	R: 5.85 [4.56-7.52] <sup>3</sup>
		Н	R: 3.43 [2.67-4.43] <sup>4</sup>
			creased since 9/11, now
		b	ack to pre-9/11 levels
			R: 0.95 [0.76-1.18] <sup>1</sup>
			R: 1.01 [0.81-1.27] <sup>2</sup>
			R: 2.95 [2.46-3.55] <sup>3</sup>
			R: 2.06 [1.71-2.47] <sup>4</sup>
		с	oncurrent exercise
			o change since last
			uestionnaire
			ecreased since last
			uestionnaire
			R: 0.74 [0.62-0.88] <sup>1</sup>
			R: 0.76 [0.63-0.92] <sup>2</sup>
			R: 2.65 [2.27-3.09] <sup>3</sup>

			HR: 1.69 [1.44-1.97] <sup>4</sup>
			Decreased since last
			questionnaire for health
			reasons
			HR: 0.38 [0.28-0.52] <sup>1</sup>
			HR: 0.56 [0.41-0.78] <sup>2</sup>
			HR: 4.20 [3.53-4.99] <sup>3</sup>
			HR: 3.19 [2.64-3.86] <sup>4</sup>
			Increased since last
			<u>questionnaire</u>
			HR: 0.95 [0.77-1.18] <sup>1</sup>
			HR: 0.92 [0.74-1.14] <sup>2</sup>
			HR: 1.13 [0.91-1.41] <sup>3</sup>
			HR: 0.92 [0.74-1.14] <sup>4</sup>
			Concurrent smoking status
			Never
			Current
			HR: 1.03 [0.81-1.32] <sup>1</sup>
			HR: 1.04 [0.81-1.33] <sup>2</sup>
			HR: 1.13 [0.90-1.42] <sup>3</sup>
			HR: 1.07 [0.85-1.35] <sup>4</sup>
			Former
			HR: 0.91 [0.76-1.08] <sup>1</sup>
			HR: 0.95 [0.79-1.15] <sup>2</sup>
			HR: 1.24 [1.07-1.43] <sup>3</sup>
			HR: 1.23 [1.06-1.42] <sup>4</sup>
			Experience with prior
			disaster
			No
			HR: Ref. <sup>1</sup>
			HR: Ref. <sup>2</sup>
			HR: Ref. <sup>3</sup>
			HR: Ref. <sup>4</sup>
			Yes
			HR: 0.82 [0.69-0.96] <sup>1</sup>

						HR: 0.86 [0.73-1.02] <sup>2</sup>
						HR: 1.29 [1.13-1.48] <sup>3</sup>
						HR: 1.11 [0.96-1.27] <sup>4</sup>
						TIV' T'TT [0'20-T'5\]
						Non-white race/ethnicity
						No
						HR: Ref. <sup>1</sup>
						HR: Ref. <sup>2</sup>
						HR: Ref. <sup>3</sup>
						HR: Ref. <sup>4</sup>
						<u>Yes</u> HR: 0.98 [0.70-1.36] <sup>1</sup>
						HR: 1.05 [0.75-1.46] <sup>2</sup>
						HR: 1.20 [0.94-1.54] <sup>3</sup>
						HR: 1.37 [1.07-1.75] <sup>4</sup>
						Age on 9/11
						HR: $1.02 [1.01-1.04]^2$
						HR: $1.00 [0.99-1.01]^4$
	Name: HERRICK	<u>n</u> =8,093	Exposure assessment:	Type of symptoms:	Unadjusted (model	Deployment
	cohort	<u>n</u> =0,055	Deployment	Probable PTSD	1) and adjusted for	Regulars
	conort	<u>Country</u> = UK	administration	TTODADICTTOD	age, gender, marital	Not deployed
	Design:	<u>country</u> - ok	administration	Way of assessment:	status, education,	OR: Ref <sup>1</sup>
	Retrospective	<u>%Female</u> = 13% and 8%	Year of assessment:	Self-reported with the	service and rank	OR: Ref <sup>2</sup>
		for those who were	2014-2016	PCL-C checklist.	(model 2).	
	longitudinal		2014-2010		(model 2).	<u>Deployed</u> OR: 1.34 [1.00 1.78] <sup>1</sup>
		deployed and not	Euroquiro estagorias:	Incidences F 20/ and		
	Follow-up period:	Ann. 40.0 (12.0) and 40.2	Exposure categories:	Incidence: 5.2% and		OR: 1.41 [1.04 1.90] <sup>2</sup>
	-	Age = 40.0 (13.0) and 40.2	Deployment and service	6.9% for those who		Deservite
		(9.4) for those who were	status.	were not deployed		Reservists
		not and were deployed,		and deployed,		Not deployed
		respectively.		respectively.		OR: Ref <sup>1</sup>
						OR: Ref <sup>2</sup>
		Type of job/company=				Deployed
		Military personnel that				OR: 2.25 [1.14 4.46] <sup>1</sup>
		were and were not				OR: 2.48 [1.20 5.16] <sup>2</sup>
41. Stevelink,		deployed in Iraq.				
2018 <sup>59</sup>						Serving status

		Inclusion/exclusion= -				Not serving
						OR: Ref <sup>1</sup>
						OR: Ref <sup>2</sup>
						Serving
						OR: 1.60 [1.25 2.06] <sup>1</sup>
						OR: 1.73 [1.25 2.40] <sup>2</sup>
						Role during last deployment
						Serving regulars
						No combat
						OR: Ref <sup>1</sup>
						OR: Ref <sup>2</sup>
						Combat
						OR: 1.70 [1.08 2.67] <sup>1</sup>
						OR: 1.58 [0.98 2.55] <sup>2</sup>
						OK. 1.38 [0.98 2.55]
						Ex-serving regulars
						No combat
						OR: Ref <sup>1</sup>
						OR: Ref <sup>2</sup>
						Combat
						OR: 3.39 [2.25 5.11] <sup>1</sup>
						OR: 2.53 [1.60 3.99] <sup>2</sup>
	Name: PIT-PTSD+	<u>n</u> = 1,483	Exposure assessment:	Type of symptoms:	Unadjusted	Population
	study	<u>11</u> – 1,485	Deployment	PTSD	Ullaujusteu	Control group
	study	Country - Cormony	administration	P13D		OR: Ref. (12 month diagnosis)
	Design	<u>Country</u> = Germany	administration			
	<u>Design:</u>	0/5	No	Way of assessment:		OR: Ref. (12 month incidence)
	Retrospective	<u>%Female</u> = -	Year of assessment:	Diagnosed with a		OR: Ref. (lifetime prevalence)
	longitudinal	0	2010	structured interview		Deployed soldiers
	· · ·	<u>Age</u> = -		using DSM-4 criteria.		OR: 2.5 [1.1 5.6] (12 month
	Follow-up period:		Exposure categories:			diagnosis)
	On average 12	Type of job/company=	Deployment	Incidence: 12 month		OR: 4.2 [0.7 24.5] (12 month
	months post-	Soldiers deployed in	characteristics.	incidence: 2.1% and		incidence)
	deployment.	Afghanistan, and those		0.2% in the deployed		OR: 1.7 [0.96 3.1] (lifetime
		who have not been		and non-deployed		prevalence)
42. Wittchen,		deployed.		group , respectively.		
2012 <sup>60</sup>						Deployed soldiers

	Inclusion/exclusion= -	Control soldiers
		OR: Ref. (12 month diagnosis)
		OR: Ref. (12 month incidence)
		OR: Ref. (lifetime prevalence)
		Kunduz
		OR: 2.1 [0.8 5.8] (12 month
		diagnosis)
		OR: 6.6 [1.03 41.9] (12 month
		incidence)
		OR: 1.7 [0.8 3.6] (lifetime
		prevalence)
		<u>Combat units</u>
		OR: 3.3 [0.5 23.7] (12 month
		diagnosis)
		OR: - (12 month incidence)
		OR: 2.6 [0.7 9.4] (lifetime
		prevalence)
OR = Odds ratio		
RR = Relative risk		
HR = Hazard ratio		