An Overview of the CDC's Safety Signal Analysis for COVID-19 Vaccines

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09/29/21 • COVID > VIEWS

Safety Signals for COVID Vaccines Are Loud and Clear. Why Is Nobody Listening? By Josh Guetzkow, Ph.D.

Age	SERIOUS	DEATHS	GBS	COAG.	M.I.
Age 10-17	1.35*	1.24	0.28*	2.89*	n.e.
Age 18-49	0.99	2.52*	0.10*	8.82*	15.78*
Age 50-64	1.45*	4.74*	0.14*	13.22*	6.71*
Age 65+	2.76*	9.16*	0.26*	36.97*	8.27*
Age 10+	1.52*	4.93*	0.15*	14.84*	6.78*

Results of My Safety Signal Analysis

Dec. 14, 2020 - Aug. 6, 2021

- Compared all COVID vs. Flu Vaccines 2015-2020
- Safety Signals for 242 Adverse Events
- Not due to large number of doses given
- Not due to stimulated/exaggerated reporting
- Not due to COVID-19
- Not due to vaccination targeting older populations



Frontiers in Public Health

Frequency and Associations of Adverse Reactions of COVID-19 Vaccines Reported to Pharmacovigilance Systems in the European Union and the United States



Diego Montano*

Front. Public Health, 03 February 2022

Department of Population-Based Medicine, Institute of Health Sciences, University of Tübingen, Tübingen, Germany

Vaccine Adverse Event Reporting System (VAERS) Standard Operating Procedures for COVID-19 (as of 29 January 2021)

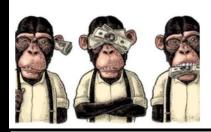
VAERS Team Immunization Safety Office, Division of Healthcare Quality Promotion National Center for Emerging and Zoonotic Infectious Diseases

Centers for Disease Control and Prevention



Jackanapes Junction





New FOIA Release Shows CDC Lied About Its VAERS Safety Monitoring Efforts

They never found any safety signals, because they didn't look for them JOSH GUETZKOW JUN 17 \bigcirc 151 \bigcirc 47 \Rightarrow \bigcirc ...



The CDC Gave Me Whiplash

They said they weren't monitoring for VAERS, then they said they did, then they said they didn't but recently did. Confused yet?

JOSH GUETZKOW SEP 3 ♥ 81 ♀ 20 ♣ ☐ ···



FDA Refuses to Make Its VAERS Safety Monitoring Analyses Public

In other news: FDA changes the definition of "transparency."

JOSH GUETZKOW SEP 14 ♥ 107 ♠ 24 ♣ ☐ ···



FOIA'd Contracts Show CDC Expected up to 1,000 VAERS Reports per Day for COVID Vaccines

"With up to 40% of the reports serious in nature"

JOSH GUETZKOW DEC 10, 2022 ♥ 201 ♠ 59 ↔ 🗔 …

THE EPOCH TIMES

TRUTH AND TRADITION

EXCLUSIVE: CDC Says It Performed Vaccine Safety Data Mining After Saying It Didn't

EXCLUSIVE: CDC Admits It Gave False Information About COVID-19 Vaccine Surveillance

CDC Director Admits Agency Gave False Information on COVID-19 Vaccine Safety Monitoring

EXCLUSIVE: FDA Refuses to Provide Key COVID-19 Vaccine Safety Analyses

CDC Spokesperson in August, 2022:

Results of CDC safety signal analysis "were generally consistent with [the FDA's] data mining, revealing no additional unexpected safety signals."

PREFERRED Medical Dictionary for Regulatory Activities (MedDRA) Terms (VAERS-1 Box 7, VAERS 2.0 Box 18)

For Current Week and Past Week Comparison

Following ALL 12/14/2020-07/29/2022 COVID19 mRNA Vaccines (AGES 18+ YEARS)

Compared to ALL 01/01/2009-07/29/2022 NON-COVID19 Vaccines (AGES 18+ YEARS)

AGES 18+ YEARS Excludes missing ages, Initial domestic reports only, VAERS reports as of 07/29/2022

Vaccination, Received, and Completed Date: 12/14 - 07/29 (Current Week) and 12/14 - 07/22 (Past Week)

N>=3 (Current Week), PRR>=2.00 (Ratio of Proportions), Chi-Square>=4.00

MedDRA PTs sorting based on lower confidence limit and COVID19 mRNA adverse event count from 12/14/2020-07/29/2022

MedDRA CodesALL Reports (18		12/14/2020- 07/29/2022 COVID19 mRNA N=660643	01/01/2009- 07/29/2022 NON-COVID19 N=242091	12/14-07/29 Chi-Square 🔻	12/14-07/29 PRR	12/14-07/29 LCL •	12/14-07/29 UCL •
EXPOSURE TO SARS-COV-2		2430	4	882.06	222.62	83.49	593.61
COVID-19 PNEUMONIA		5084	11	1846.17	169.37	93.74	306.01
PRODUCT TEMPERATURE EXCURSION	N ISSUE	3066	7	1109.47	160.50	76.45	336.95
POOR QUALITY PRODUCT ADMINISTERED		3247	8	1173.90	148.73	74.32	2 297.65
ASYMPTOMATIC COVID-19		1179	3	424.18	144.01	46.38	447.16
SARS-COV-2 TEST POSITIVE		945	3	338.25	115.43	37.16	358.54
COVID-19		47637	157	18041.38	111.19	95.07	7 130.04
VACCINE BREAKTHROUGH INFECTION		4852	17	1746.15	104.59	64.97	168.38
CEREBRAL THROMBOSIS		201	1	70.00	73.66	10.33	525.44
INTERMENSTRUAL BLEEDING		1339	7	473.66	70.10	33.35	147.32
LUNG OPACITY		1890	11	666.95	62.96	34.81	113.88
HEAVY MENSTRUAL BLEEDING		4312	29	1518.45	54.49	37.82	78.50
INTENTIONAL PRODUCT USE ISSUE		144	1	49.12	52.77	7.38	377.16
RED BLOOD CELL TRANSFUSION		134	1	45.46	49.10	6.87	7 351.14
PULMONARY THROMBOSIS		648	5	224.66	47.49	19.70	114.48
SUSPECTED COVID-19		878	7	304.43	45.96	21.85	96.70
DISEASE RECURRENCE		245	2	83.83	44.89	11.16	180.50
POST-ACUTE COVID-19 SYNDROME		345	3	118.18	42.14	13.53	3 131.30
VACCINATION SITE PRURITUS		3991	35	1386.08	41.79	29.96	5 58.28
> 5 Yrs-11 Yrs 12 Yrs-17 Yrs 18+ SE	RIOUS 5 Yrs-11 Yrs	SERIOUS 12 Yrs-17	Yrs SERIOUS 18+	NON-SERIOUS 5 Yrs	-11 Yrs NON-SERI	OUS 12 Yrs-17 Yrs	NON-SERIOUS 18+

Proportional Reporting Ratio (PRR)

Reports for An Adverse Event As % of All Reports for Other Vaccines

Proportional Reporting Ratio (PRR)

10% of COVID Vaccine Reports are Myocarditis

10% of Other Vaccine Reports are Myocarditis

Proportional Reporting Ratio (PRR)

20% of COVID Vaccine Reports are Myocarditis

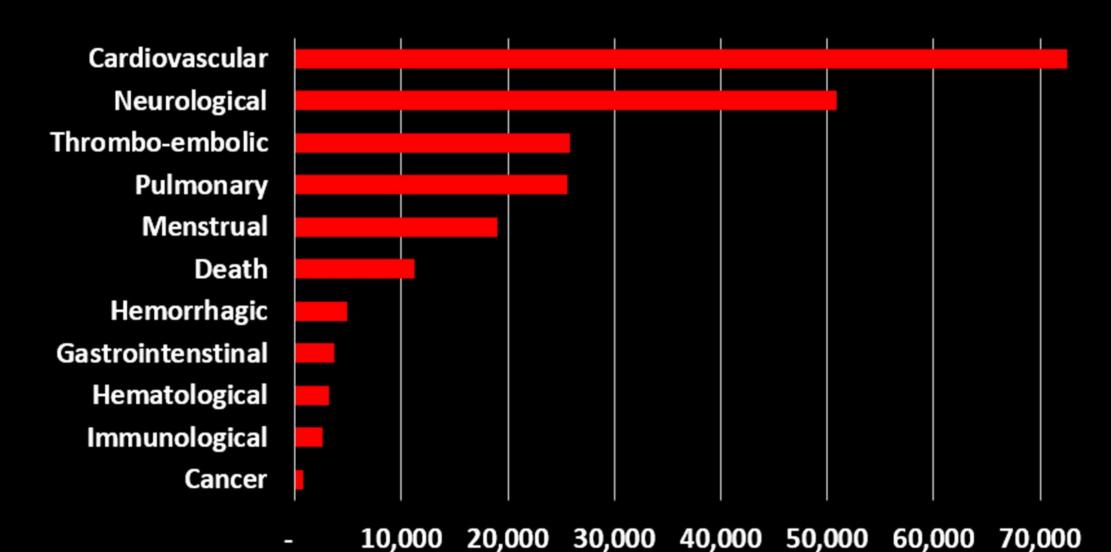
10% of Other Vaccine Reports are Myocarditis

Results of CDC's Safety Signal Analysis 18+

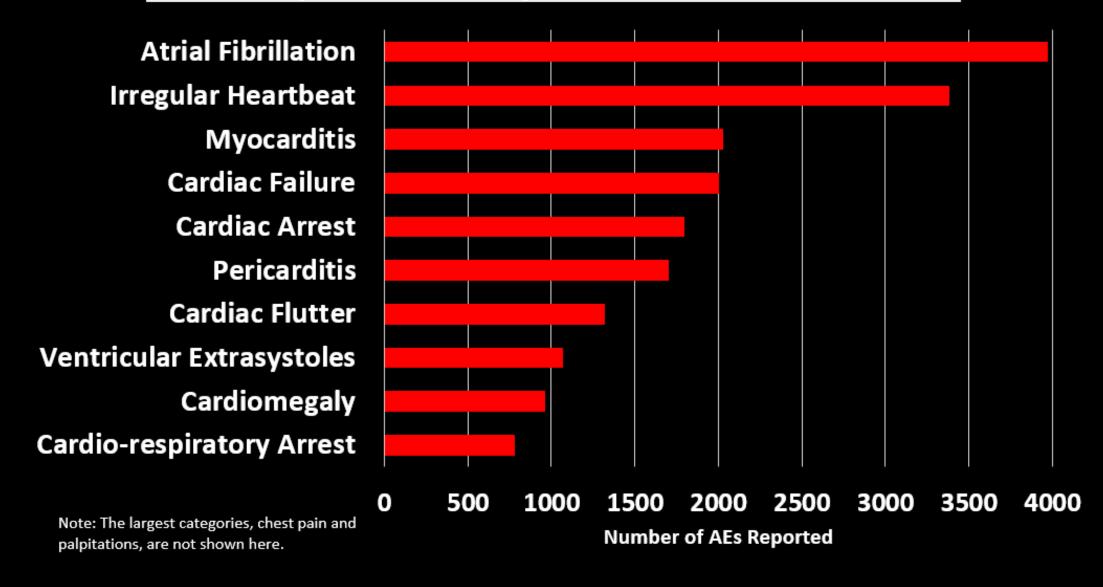
Dec. 14, 2020 – July 29, 2022

- Compares mRNA COVID vs. all non-COVID vaccines since 2009
- Safety signals for <u>770</u> Adverse Events in 18+
- 2/3 have a safety signal larger than myocarditis
- % of serious reports double all other vaccines (11% vs. 5.5%)
- 73K serious reports for mRNA vs. 13K all other since 2009
- Signals not due to stimulated/exaggerated reporting

Major Categories of Adverse Event Safety Signals from CDC's Analysis of VAERS Reports for mRNA COVID Vaccines

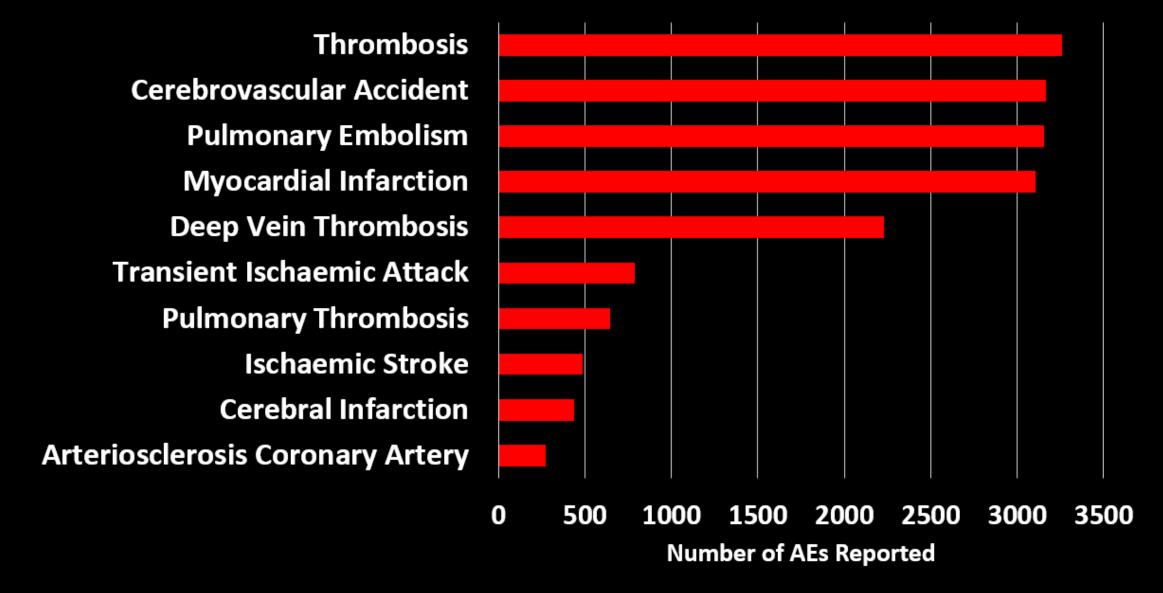


Major Cardiovascular Adverse Event Safety Signals from the CDC's Analysis of VAERS Reports for mRNA COVID Vaccines



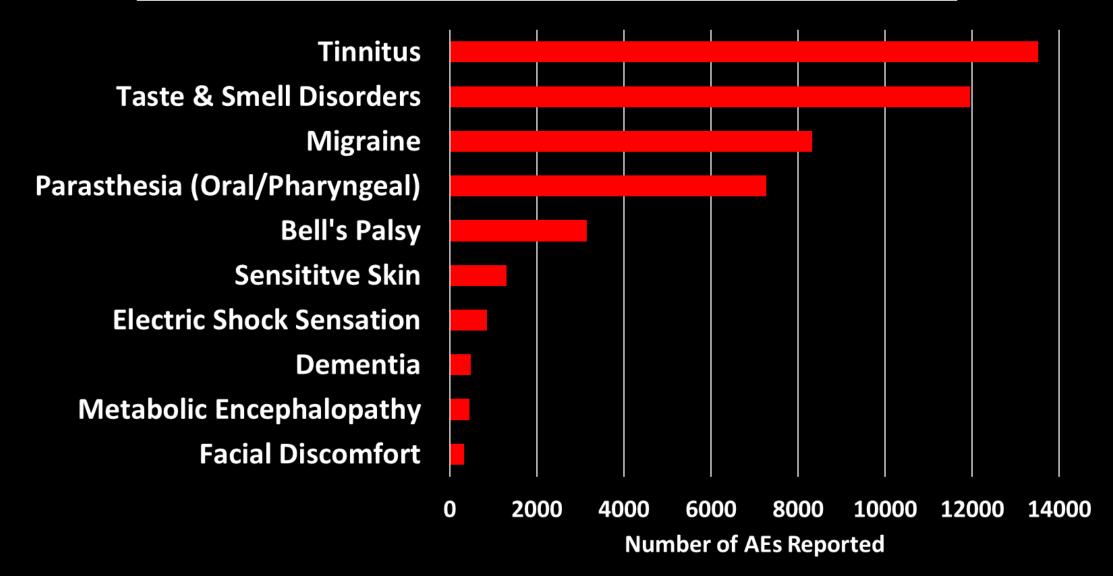
POOR PERIPHERAL CIRCULATION	
CARDIOVASCULAR DISORDER	
CORONARY ARTERY BYPASS	
RIGHT VENTRICULAR DYSFUNCTION	
PERICARDIAL DRAINAGE	ANGINA UNSTABLE
ACUTE CORONARY SYNDROME	ELECTROCARDIOGRAM ST SEGMENT DEPRESSION
LEFT ATRIAL ENLARGEMENT	ENDOCARDITIS
ISCHAEMIC CARDIOMYOPATHY	CARDIAC FAILURE CHRONIC
HYPERTENSIVE EMERGENCY	CARDIAC OPERATION
CONGESTIVE CARDIOMYOPATHY	CARDIAC VALVE DISEASE
STRESS CARDIOMYOPATHY	LEFT VENTRICULAR DILATATION
IMPLANTABLE DEFIBRILLATOR INSERTION	MYOCARDIAL FIBROSIS
CARDITIS	ATRIAL ENLARGEMENT COR PULMONALE ACUTE
CARDIAC TAMPONADE	AORTIC VALVE REPLACEMENT
CORONARY ARTERY STENOSIS	RIGHT VENTRICULAR FAILURE
RIGHT VENTRICULAR DILATATION	MYOCARDIAL OEDEMA
ATRIAL SEPTAL DEFECT	CARDIOPULMONARY FAILURE
HEART VALVE INCOMPETENCE	ACUTE CARDIAC EVENT
SUDDEN CARDIAC DEATH	MITRAL VALVE CALCIFICATION
AORTIC DILATATION	VENTRICULAR ARRHYTHMIA
ANGIOPATHY	RIGHT ATRIAL DILATATION
ANGIOPLASTY	RIGHT ATRIAL ENLARGEMENT
	COR PULMONALE
	LEFT VENTRICULAR ENLARGEMENT AORTIC DISORDER
	VENTRICULAR ASSIST DEVICE INSERTION
	CARDIOVASCULAR DISORDER CORONARY ARTERY BYPASS RIGHT VENTRICULAR DYSFUNCTION PERICARDIAL DRAINAGE ACUTE CORONARY SYNDROME LEFT ATRIAL ENLARGEMENT ISCHAEMIC CARDIOMYOPATHY HYPERTENSIVE EMERGENCY CONGESTIVE CARDIOMYOPATHY STRESS CARDIOMYOPATHY IMPLANTABLE DEFIBRILLATOR INSERTION CARDITIS CARDIAC TAMPONADE CORONARY ARTERY STENOSIS RIGHT VENTRICULAR DILATATION ATRIAL SEPTAL DEFECT HEART VALVE INCOMPETENCE SUDDEN CARDIAC DEATH AORTIC DILATATION

Major Thrombo-Embolic Adverse Event Safety Signals from CDC's Analysis of VAERS Reports for mRNA COVID Vaccines



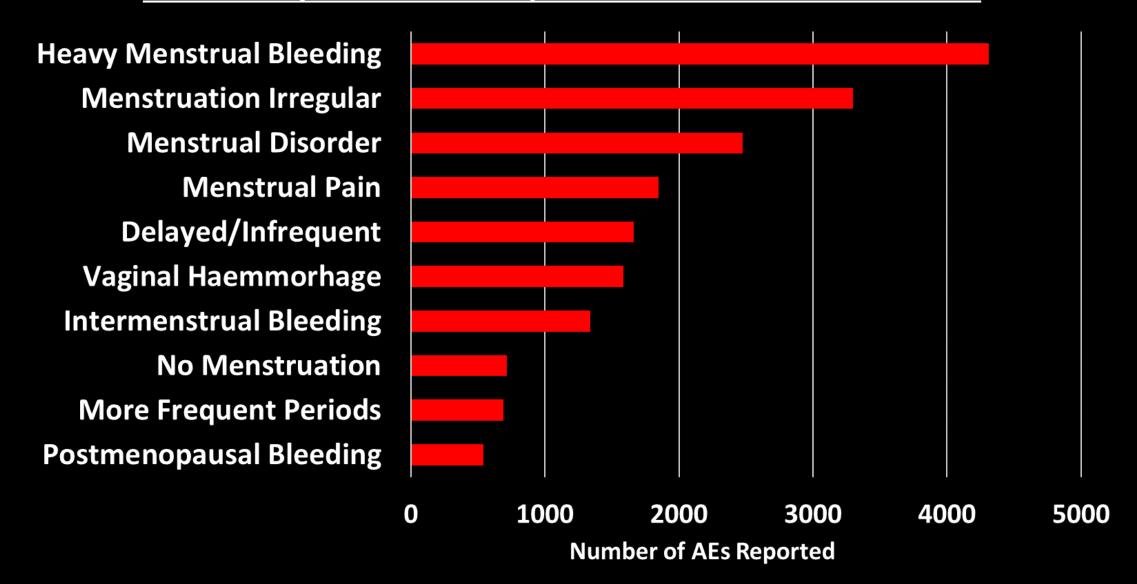
CORONARY ARTERY OCCLUSION	INTESTINAL ISCHAEMIA
COAGULOPATHY	ISCHAEMIC HEPATITIS
	PERIPHERAL ARTERIAL OCCLUSIVE DISEASE
CEREBRAL THROMBOSIS	PERIPHERAL ISCHAEMIA
MYOCARDIAL ISCHAEMIA	MESENTERIC VEIN THROMBOSIS
THROMBOPHLEBITIS SUPERFICIAL	JUGULAR VEIN THROMBOSIS
PULMONARY INFARCTION	RENAL INFARCT
LACUNAR INFARCTION	SPLENIC INFARCTION
RETINAL ARTERY OCCLUSION	EMBOLISM VENOUS
CEREBRAL ARTERY OCCLUSION	THROMBOEMBOLECTOMY
ISCHAEMIA	
EMBOLIC STROKE	INFARCTION ASSULTED FOR GENERAL DEFAULTERS.
INTRACARDIAC THROMBUS	ISCHAEMIC CEREBRAL INFARCTION
RETINAL VEIN OCCLUSION	PERIPHERAL ARTERY OCCLUSION
ATRIOVENTRICULAR BLOCK COMPLETE	VENOUS THROMBOSIS LIMB
CEREBELLAR STROKE	CEREBRAL VENOUS THROMBOSIS
PERIPHERAL ARTERY THROMBOSIS	BASAL GANGLIA INFARCTION
PORTAL VEIN THROMBOSIS	SUBCLAVIAN VEIN THROMBOSIS
ARTERIAL OCCLUSIVE DISEASE	LACUNAR STROKE
EMBOLISM	ARTERIAL THROMBOSIS
HYPERCOAGULATION	AORTIC THROMBOSIS
THALAMIC INFARCTION	VERTEBRAL ARTERY OCCLUSION
TRANSVERSE SINUS THROMBOSIS	HAEMORRHAGIC TRANSFORMATION STROKE
CORONARY ARTERY THROMBOSIS	CEREBRAL ARTERY EMBOLISM
CAROTID ARTERY OCCLUSION	CEREBRAL ARTERY THROMBOSIS
THROMBOTIC THROMBOCYTOPENIC PURPURA	SPLENIC VEIN THROMBOSIS

Major Neurological Adverse Event Safety Signals from the CDC's Analysis of VAERS Reports for mRNA COVID Vaccines

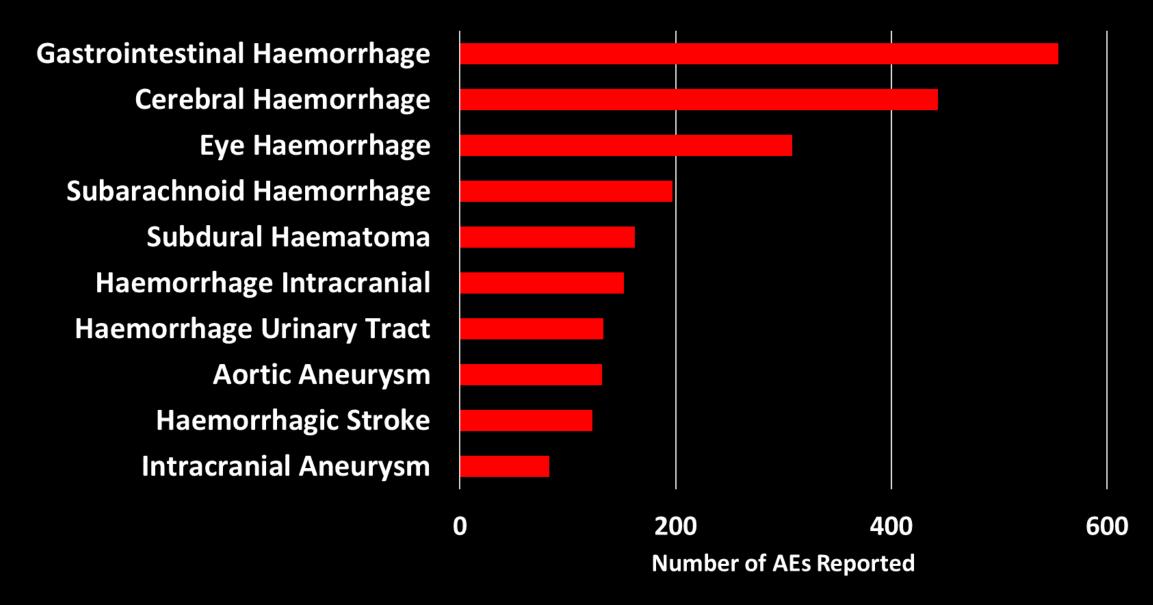


HYPORESPONSIVE TO STIMULI	NEUROLOGIC NEGLECT SYNDROME
BRAIN INJURY	VESTIBULAR MIGRAINE
BRADYKINESIA	BRAIN OPERATION
COMMUNICATION DISORDER	VASCULAR DEMENTIA
SKIN SENSITISATION	DEPERSONALISATION/DEREALISATION DISORDER
DEMENTIA ALZHEIMER'S TYPE	INTRACRANIAL MASS
HYPOGEUSIA	ATTENTION DEFICIT HYPERACTIVITY DISORDER
HYPERAESTHESIA TEETH	LACK OF SPONTANEOUS SPEECH
DISORGANISED SPEECH	SENSITISATION
PARKINSON'S DISEASE	
CLUSTER HEADACHE	LANGUAGE DISORDER
OPHTHALMIC MIGRAINE	IDIOPATHIC INTRACRANIAL HYPERTENSION
TOXIC ENCEPHALOPATHY	REDUCED FACIAL EXPRESSION
HYPOSMIA	HEMIPARAESTHESIA
SPINAL STENOSIS	HEMIPLEGIC MIGRAINE
MENIERE'S DISEASE	PHANTOM LIMB SYNDROME
CEREBRAL MASS EFFECT	PARAESTHESIA EAR
CRANIOTOMY	THUNDERCLAP HEADACHE
NEW DAILY PERSISTENT HEADACHE	DENTAL PARAESTHESIA

Major Menstrual Adverse Event Safety Signals from CDC's Analysis of VAERS Reports for mRNA COVID Vaccines

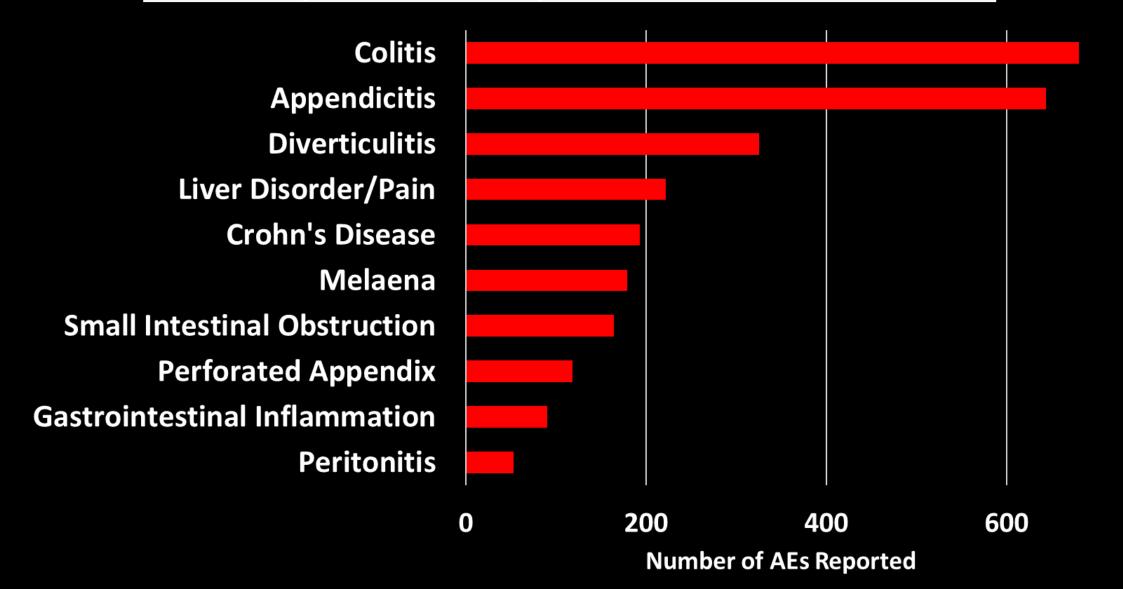


Major Haemmorhagic Adverse Event Safety Signals from CDC's Analysis of VAERS Reports for mRNA COVID Vaccines



UPPER GASTROINTESTINAL HAEMORRHAGE
INTERNAL HAEMORRHAGE
ACUTE PULMONARY OEDEMA
SHOCK HAEMORRHAGIC
INTRAVENTRICULAR HAEMORRHAGE
BRAIN HERNIATION
SUBDURAL HAEMORRHAGE
PULMONARY HAEMORRHAGE
ANAL HAEMORRHAGE
LOWER GASTROINTESTINAL HAEMORRHAGE
VASOGENIC CEREBRAL OEDEMA
BASAL GANGLIA HAEMORRHAGE
CEREBRAL HAEMATOMA
VEIN RUPTURE
CARDIAC ANEURYSM
VASCULAR PSEUDOANEURYSM

Major Gastrointestinal Adverse Event Safety Signals from CDC's Analysis of VAERS Reports for mRNA COVID Vaccines



Cancers / Neoplasms

LUNG NEOPLASM MALIGNANT

NEOPLASM

CHRONIC LYMPHOCYTIC LEUKAEMIA

PLASMA CELL MYELOMA

BREAST CANCER

COLON CANCER

METASTASIS

B-CELL LYMPHOMA

PANCREATIC CARCINOMA

METASTASES TO LIVER

METASTASES TO BONE

METASTASES TO CENTRAL NERVOUS SYSTEM

BREAST CANCER METASTATIC

METASTASES TO LYMPH NODES

LUNG ADENOCARCINOMA

FOLLICULAR LYMPHOMA

Miscellaneous

HYPERPYREXIA
CORONARY ARTERY DISSECTION
AORTIC DISSECTION
DYSHIDROTIC ECZEMA
ACUTE KIDNEY INJURY
CHRONIC KIDNEY DISEASE
RENAL PAIN
RENAL IMPAIRMENT
DIALYSIS
END STAGE RENAL DISEASE
HAEMODIALYSIS
AZOTAEMIA
NEPHROSCLEROSIS
RENAL TRANSPLANT

RENAL ATROPHY

HEPATIC CIRRHOSIS
LIVER INJURY
HEPATIC LESION
CHOLECYSTITIS ACUTE
BILIARY COLIC
HEPATIC MASS
GALLBLADDER ENLARGEMENT
OCULAR DISCOMFORT
DYSCHROMATOPSIA
DIABETIC KETOACIDOSIS
PANCREATITIS ACUTE
BLOOD GLUCOSE ABNORMAL
BLOOD GLUCOSE FLUCTUATION
SEPTIC SHOCK
HYPERTHYROIDISM
THYROID MASS
BASEDOW'S DISEASE
THYROIDITIS
THYROIDITIS SUBACUTE

96 Safety Signals for 12-17 Year-olds

- Myocarditis
- Pericarditis
- Bell's Palsy
- Genital ulcerations
- High blood pressure
- Tachycardia
- Menstrual irregularities
- Cardiac valve incompetencies
- Pulmonary embolism

- Cardiac arrhythmias
- Thromboses
- Pericardial and pleural effusion
- Appendicitis (and perforation)
- Immune thrombocytopenia
- Chest pain
- Intensive care
- Increased troponin levels
- Anticoagulant therapy

66 Safety Signals for 5-11 Year-olds

- Myocarditis
- Pericarditis
- Ventricular dysfunction
- Cardiac valve incompetencies
- Pericardial & pleural effusion
- Chest pain

- Appendicitis & appendectomies
- Kawasaki's disease
- Menstrual irregularities
- Vaccine breakthrough infection
- Vitiligo

Objections to VAERS

- Unreliable / Fraudulent
 - > So why does CDC use it to **publish in top journals**?
 - > It's their system! If it's broken, why don't they fix it?
- More reports because more doses given
 - > Safety signals **not dependent on total #**, but on %
 - > Twice as many regular vaccines given since 2009
- Due to exaggerated/stimulated reporting
 - > If it was, the increase should be similar across AEs
 - Also regular vaccine reports have not increased since 2020
- Due to COVID-19 My analysis dropped reports w/COVID
- Due to age differences Broken down by age



THE LANCET Infectious Diseases

January 25, 2022

Myocarditis Cases Reported After mRNA-Based COVID-19 Vaccination in the US From December 2020 to August 2021

Matthew E. Oster, MD, MPH^{1,2,3}; David K. Shay, MD, MPH¹; John R. Su, MD, PhD, MPH¹; et al

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Safety of mRNA vaccines administered during the initial 6 months of the US COVID-19 vaccination programme: an observational study of reports to the Vaccine Adverse Event Reporting System and v-safe

CDC COVID-19 Response Team

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Click here for full write-up and analysis on my blog



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Dashboard

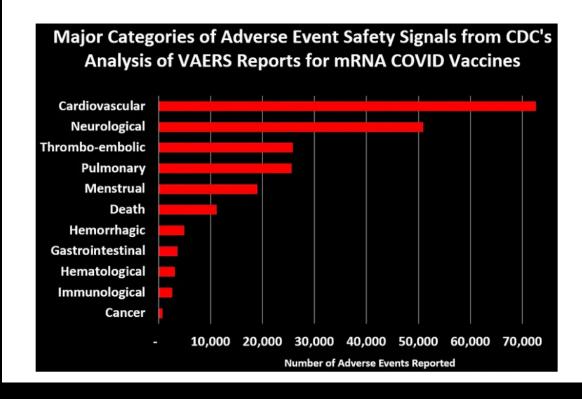




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Archive

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CDC Finally Released Its VAERS Safety Monitoring Analyses for COVID Vaccines via FOIA

And now it's clear why they tried to hide them.

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