

Adverse Reaction Reports Australia and New Zealand

180,809

Unexpected Reactions

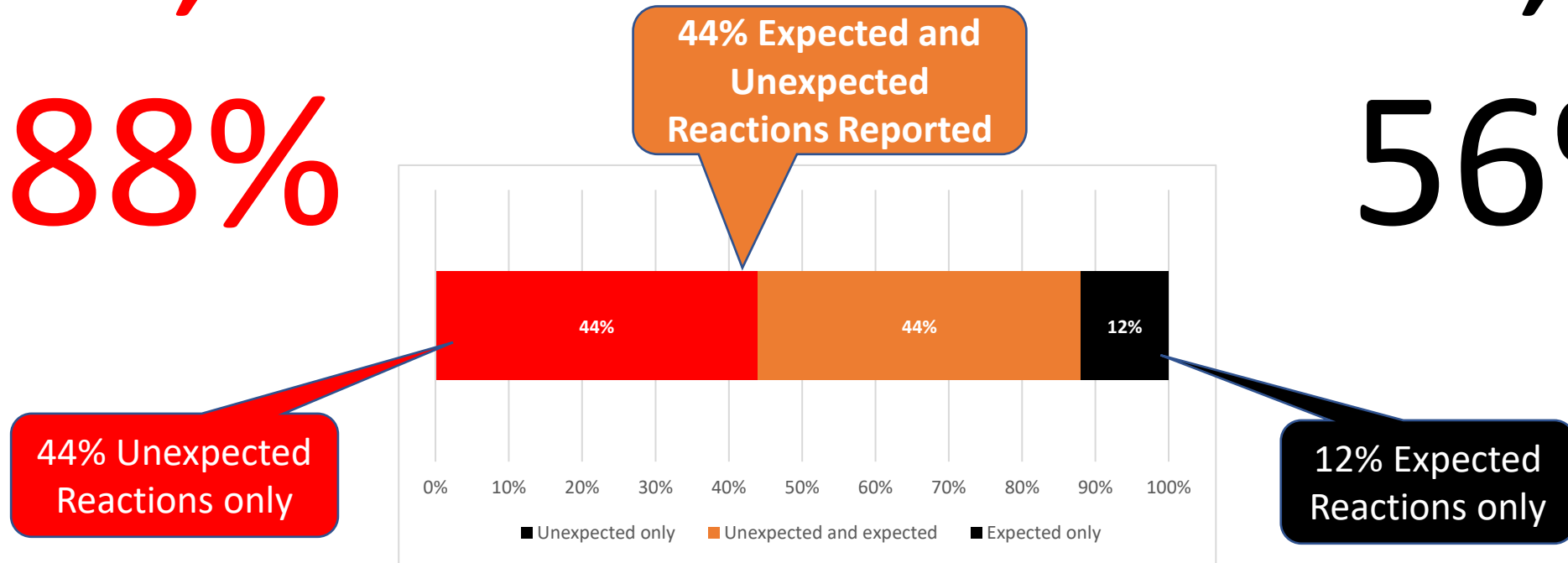
159,459

88%

Expected Reactions

102,041

56%



**Each Report can have multiple reactions: 3.44 on average*

As each Adverse Event Report may list multiple reactions, percentages may add to more than 100%.

Unexpected Reactions

159,459

88%

TOTAL UNEXPECTED REACTIONS 159,459 88%

WORKPLACE RISK - UNEXPECTED	102,040	56%
THORACIC/CARDIAC PULMONARY	39,760	22%
Breathing (RESP)	17,883	10%
CLOTS/ BRUISING/ BLOOD	7,481	4%
CENTRAL NERVOUS SYSTEM	3,293	2%
CONSCIOUSNESS/ NEUROLOGICAL (ex headache)	46,138	26%
Vertigo	30,909	17%
HEARING/ VISION	8,226	5%
UNRESPONSIVE	102	0%

OTHER UNEXPECTED REACTIONS	106,564	59%
RESPIRATORY TRACT	18,647	12%
GASTROINTESTINAL DISORDERS	46,547	26%
REPRODUCTIVE	5,457	3%
URINARY TRACT	1,167	1%
ORGANS/ GLANDS	2,728	2%
EXTREMITIES	8,923	5%
SKIN	20,782	11%
FACE/ EYES/ EARS/ MOUTH/ NOSE (ex Vision, hearing)	12,436	7%
AUTOIMMUNE SYMPTOMS	15,911	9%
HOMEOSTATIS - BLOOD	5,453	3%
INFECTION	2,861	2%
PAIN/ SWELLING (ex general)	896	0%
REACTION (ex injection site)	5,331	3%

Expected Reactions

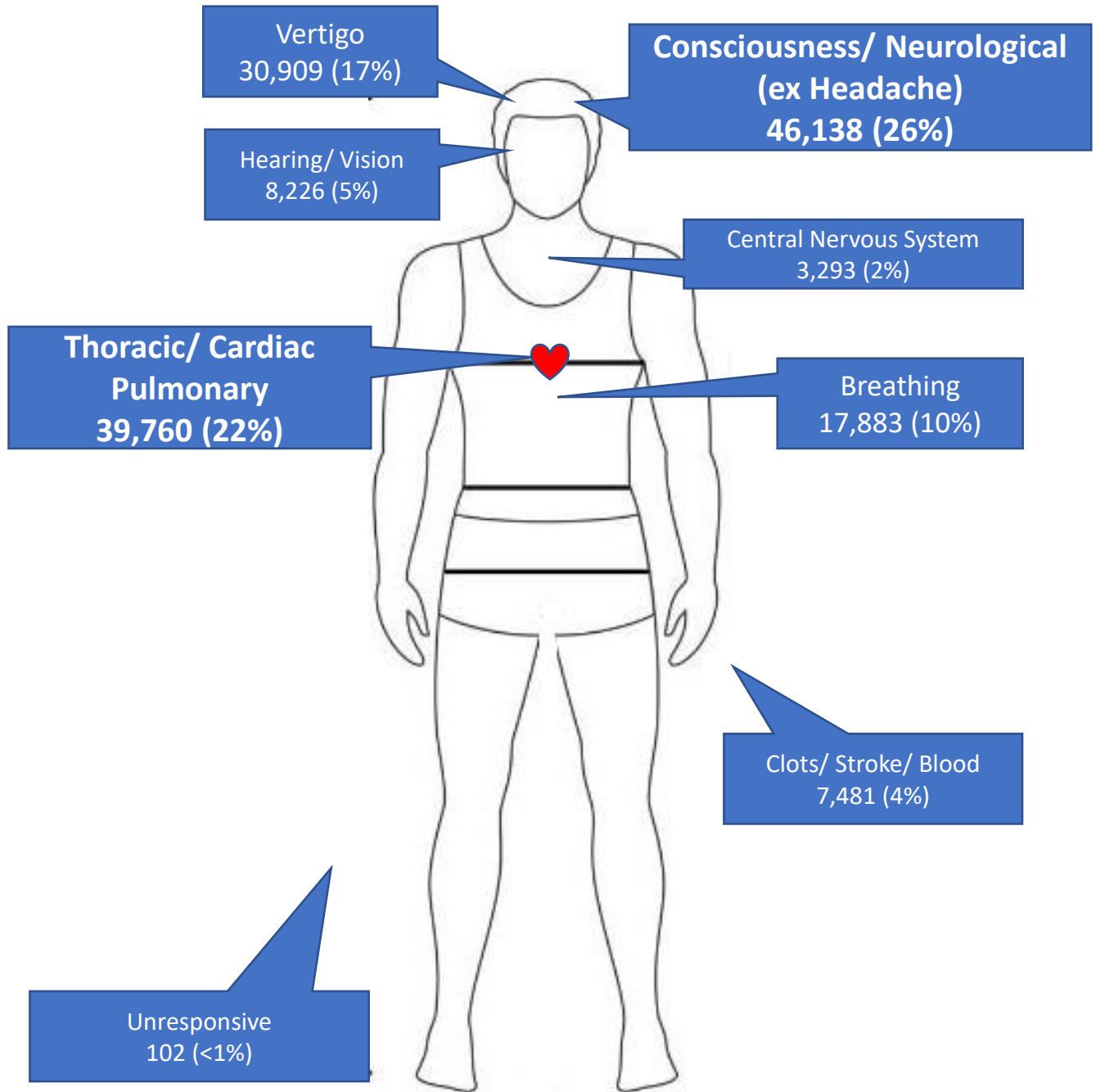
102,041

56%

TOTAL EXPECTED REACTIONS 102,041 56%

Neurological – Headache	50,558	28%
Injection site	37,112	21%
COMMON RESPONSE (ex Vertigo)	47,247	26%
Fatigue	21,399	12%
Lethargy	27,993	15%
MUSCLES/ SKELETON	26,421	15%
Muscular/ tendon	21,439	12%
Musculoskeletal/ joint	5,430	3%
Fracture	74	0%
TEMPERATURE	41,069	23%
Temperature change	36,182	20%
Sweating/ flushes	7,429	4%
Dehydration	551	0%
PAIN/ SWELLING (general)	20,055	11%
Pain	15,504	9%
Swelling	4,933	3%

Each Report is counted once per category consequently total percentage may be lower than the total sub-categories.



Workplace Risk Reactions - Unexpected

102,040 56%

WORKPLACE RISK - UNEXPECTED	102,040	56%
THORACIC/CARDIAC PULMONARY	39,760	22%
Breathing (RESP)	17,883	10%
CLOTS/ BRUISING/ BLOOD	7,481	4%
CENTRAL NERVOUS SYSTEM	3,293	2%
CONSCIOUSNESS/ NEUROLOGICAL (ex headache)	46,138	26%
Vertigo	30,909	17%
HEARING/ VISION	8,226	5%
UNRESPONSIVE	102	0%

0% = < 0.5%

Unexpected Reactions
159,459
88%

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Workplace Risk

Reactions -
Unexpected
102,040
56%

Unexpected Reactions
159,459
88%

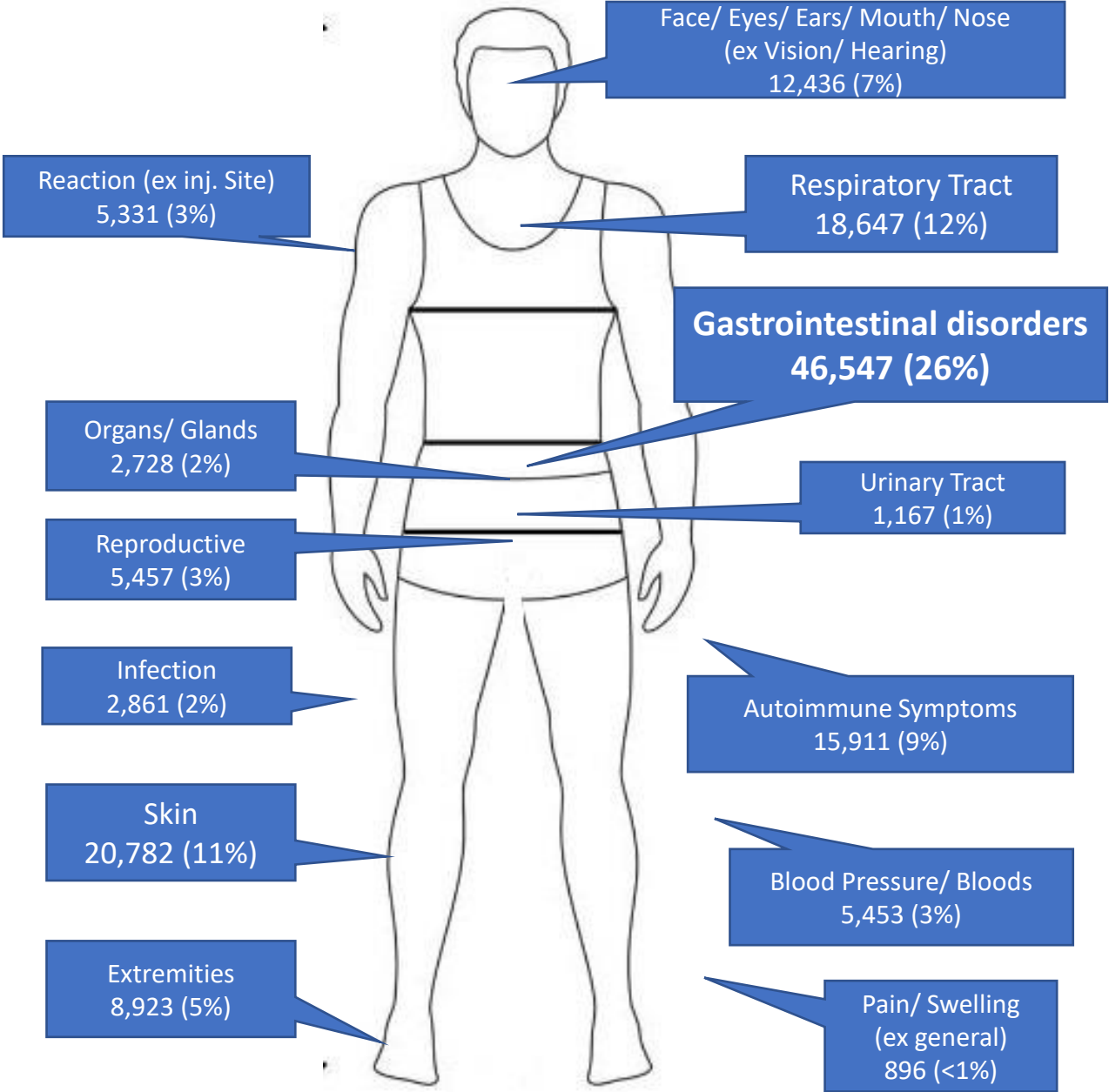
TOTAL CARDIAC/ BREATHING/ CLOTTING/ SPINAL	54,039	30%
THORACIC/CARDIAC PULMONARY AND BREATHING	45,852	25%
<u>THORACIC/CARDIAC PULMONARY</u>	<u>39,760</u>	<u>22%</u>
CORONARY SYMPTOMS	17,788	10%
Coronary Symptoms - Arrythmias	11,120	6%
Coronary Symptoms - Blockages	59	0%
Coronary Symptoms - Bradycardia	370	0%
Coronary Symptoms - Infection	4	0%
Coronary Symptoms - Ischaemia	541	0%
Coronary Symptoms - Muscle damage	110	0%
Coronary Symptoms - Other	2,145	1%
Coronary Symptoms - Tachycardia	5,699	3%
OTHER THORACIC/CARDIAC PULMONARY	30,707	17%
Cardiac arrest	195	0%
Cardiac disorders	849	0%
Coronary Inflammatory disorders	5,346	3%
Coronary Vavular Disorders	33	0%
Thoracic/ Cardiac Pulmonary Symptoms	27,488	15%
(RESP) Breathing	17,883	10%
<u>CLOTS/ BRUISING/ BLOOD</u>	<u>7,481</u>	<u>4%</u>
Bruising	1,340	1%
Clots	111	0%
Haemorrhage/ coagulopathy	171	0%
Pulmonary embolism	1,656	1%
Stroke	1,238	1%
Thrombosis	3,661	2%
Vascular	437	0%
<u>CENTRAL NERVOUS SYSTEM</u>	<u>3,293</u>	<u>2%</u>
Spinal Cord Procedures	8	0%
Spinal Disorders	69	0%
Spinal Infections	75	0%
Spinal Symptoms	3,158	2%

CONSC/ NEURO/ VERTIGO/ HEARING/ VISION	67,479	37%
CONSC/ NEURO/ VERTIGO	64,323	36%
<u>CONSCIOUSNESS/ NEUROLOGICAL (ex headache)</u>	<u>46,138</u>	<u>26%</u>
CONSCIOUSNESS	20,327	11%
Change	1,333	1%
Mental impairment	9,860	5%
Mood	7,242	4%
Sensitivity	1,544	1%
Sleep	3,025	2%
NEUROLOGICAL (ex headache)	2,204	1%
Nerve/ neurological	534	0%
Neurological - Facial	1,437	1%
Neurological - Infection	41	0%
Neurological - Injury	177	0%
Neurological - Obstructions	25	0%
Neurological - Tumour	22	0%
OTHER NEUROLOGICAL	31,379	17%
Autoimmune/ Neurlogical disease	444	0%
Balance/ consciousness	10,751	6%
Numbness	14,879	8%
Paralysis	239	0%
Seizure	6,281	3%
Speech	999	1%
Taste	2,305	1%
Vertigo	30,909	17%
<u>HEARING/ VISION</u>	<u>8,226</u>	<u>5%</u>
Deafness	2,511	1%
Vision	5,979	3%
<u>UNRESPONSIVE</u>	<u>102</u>	<u>0%</u>
Death	9	0%
Unresponsive	93	0%

Other Unexpected Reactions

106,564

59%



OTHER UNEXPECTED REACTIONS	106,564	59%
RESPIRATORY TRACT	18,647	12%
GASTROINTESTINAL DISORDERS	46,547	26%
REPRODUCTIVE	5,457	3%
URINARY TRACT	1,167	1%
ORGANS/ GLANDS	2,728	2%
EXTREMITIES	8,923	5%
SKIN	20,782	11%
FACE/ EYES/ EARS/ MOUTH/ NOSE (ex Vision, hearing)	12,436	7%
AUTOIMMUNE SYMPTOMS	15,911	9%
HOMEOSTATIS - BLOOD	5,453	3%
INFECTION	2,861	2%
PAIN/ SWELLING (ex general)	896	0%
REACTION (ex injection site)	5,331	3%

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Unexpected Reactions

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RESPIRATORY TRACT	18,647	12%
RESPIRATORY TRACT INFECTIONS	13,965	8%
Covid-19	309	0%
Lower Respiratory Tract Infections	967	1%
Upper Respiratory Tract Infections	12,782	7%
RESPIRATORY TRACT ISSUES	2,298	1%
Lower Respiratory Tract Issues	2,156	1%
Upper Respiratory Tract Issues	151	0%
(RESP TRACT SYMPTOMS) Cough	3,300	2%
GASTROINTESTINAL DISORDERS	46,547	26%
GIT Infection/ inflammation	925	1%
GIT Symptoms	40,501	22%
GIT Vascular/ Haemorrhagic	371	0%
Lower GIT	249	0%
Throat - Upper GIT	7,267	4%
Weight increase/ hunger	80	0%
REPRODUCTIVE	5,457	3%
Abortion	358	0%
Menstrual disorder	4,275	2%
Pregnancy/ birth defects	281	0%
Reproductive disorders	202	0%
Reproductive infections	100	0%
Reproductive symptoms	432	0%
URINARY TRACT	1,167	1%
Bladder/ Urinary Tract Symptoms	737	0%
Urinary Tract Bleeding	230	0%
Urinary Tract Disorders	15	0%
Urinary Tract Infections	253	0%
ORGANS/ GLANDS	2,728	2%
Breast	645	0%
Kidney	640	0%
Liver	746	0%
Other organ/ glands	793	0%
EXTREMITIES	8,923	5%
Limb/ peripheral	8,903	5%
Nails	29	0%

Other Unexpected Reactions

106,564

59%

SKIN	20,782	11%
Allergic rash	4,442	2%
Burning - skin	1,314	1%
Cellulitis	397	0%
Pallor	2,073	1%
Rash	13,797	8%
Skin	1,473	1%

Unexpected Reactions

159,459

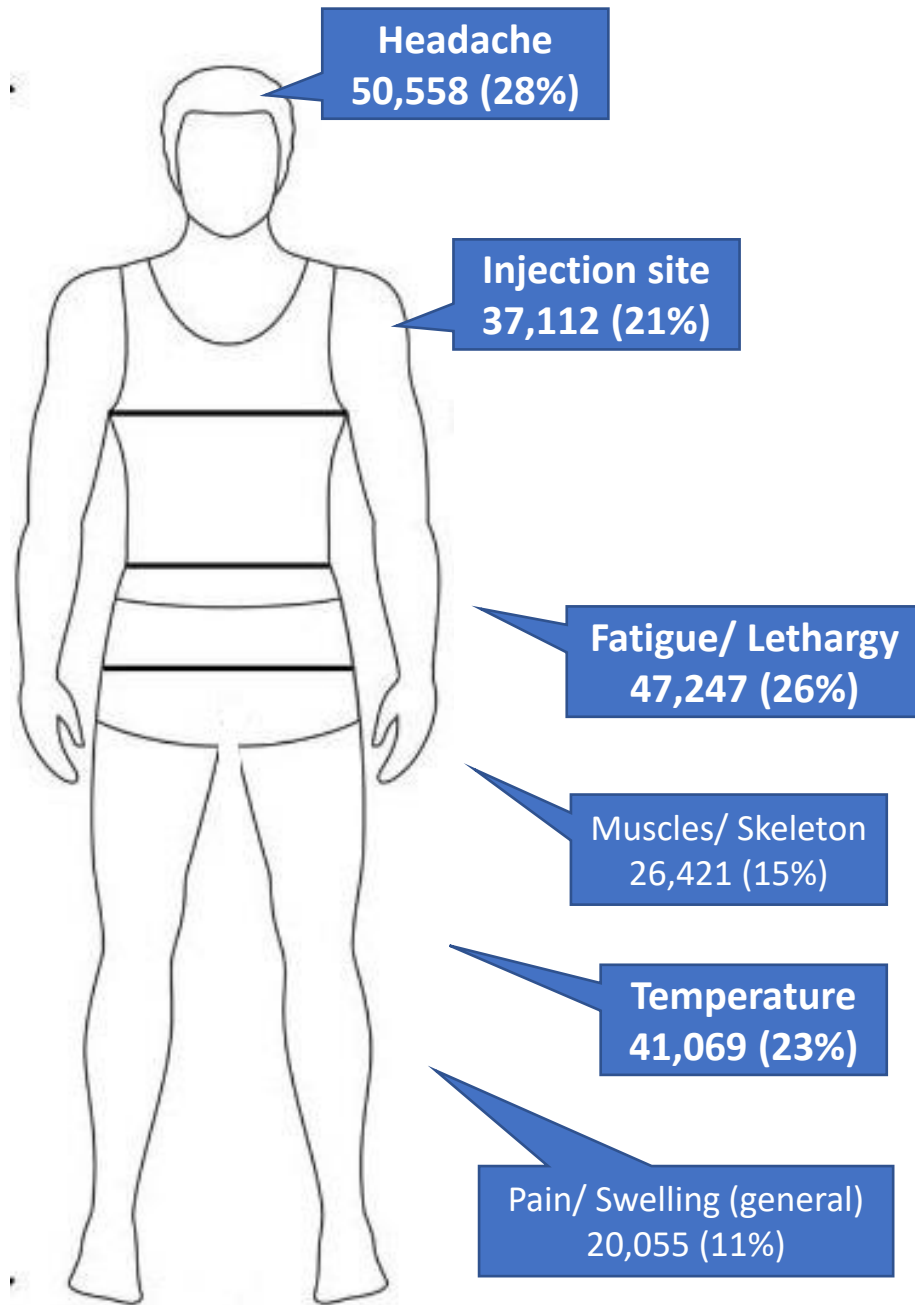
88%

FACE/ EYES/ EARS	12,436	7%
EARS (ex Deafness)	1,068	1%
EYES (ex Vision)	3,317	2%
FACE	2,072	1%
Facial - rash	534	0%
Facial - Swelling/ injury	1,175	1%
Jaw	402	0%
MOUTH	4,390	2%
Dental	156	0%
Mouth	4,259	2%
NOSE	2,965	2%
Nasal	2,033	1%
Nose bleed	971	1%
AUTOIMMUNE SYMPTOMS	15,911	9%
Lymph node	12,522	7%
Pre-existing	2,091	1%
White blood cell/ platelet	1,469	1%
HOMEOSTATIS - BLOOD	5,453	3%
Blood pressure	4,494	2%
Diabetic/ glucose	376	0%
Other - blood/ hormone	673	0%
INFECTION	2,861	2%
Herpes	2,033	1%
Infections/ bacteria/ viral	847	0%
PAIN/ SWELLING (ex general)	896	0%
Arthritis	593	0%
Fluid	58	0%
Mass/ cyst	246	0%
REACTION (ex injection site)	5,331	3%
Adverse event unspecified	937	1%
Allergy	66	0%
Anaphalactic	1,716	1%
Drug reaction	287	0%
Error	2,225	1%
Ineffective	79	0%
Recall phenomenon	10	0%
Treatment/ investigation required	47	0%

Expected Reactions

102,041

56%



TOTAL EXPECTED REACTIONS	102,041	56%
<i>Neurological – Headache</i>	<i>50,558</i>	<i>28%</i>
<i>Injection site</i>	<i>37,112</i>	<i>21%</i>
<u>COMMON RESPONSE (ex Vertigo)</u>	<u>47,247</u>	<u>26%</u>
Fatigue	21,399	12%
Lethargy	27,993	15%
<u>MUSCLES/ SKELETON</u>	<u>26,421</u>	<u>15%</u>
Muscular/ tendon	21,439	12%
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Fracture	74	0%
<u>TEMPERATURE</u>	<u>41,069</u>	<u>23%</u>
Temperature change	36,182	20%
Sweating/ flushes	7,429	4%
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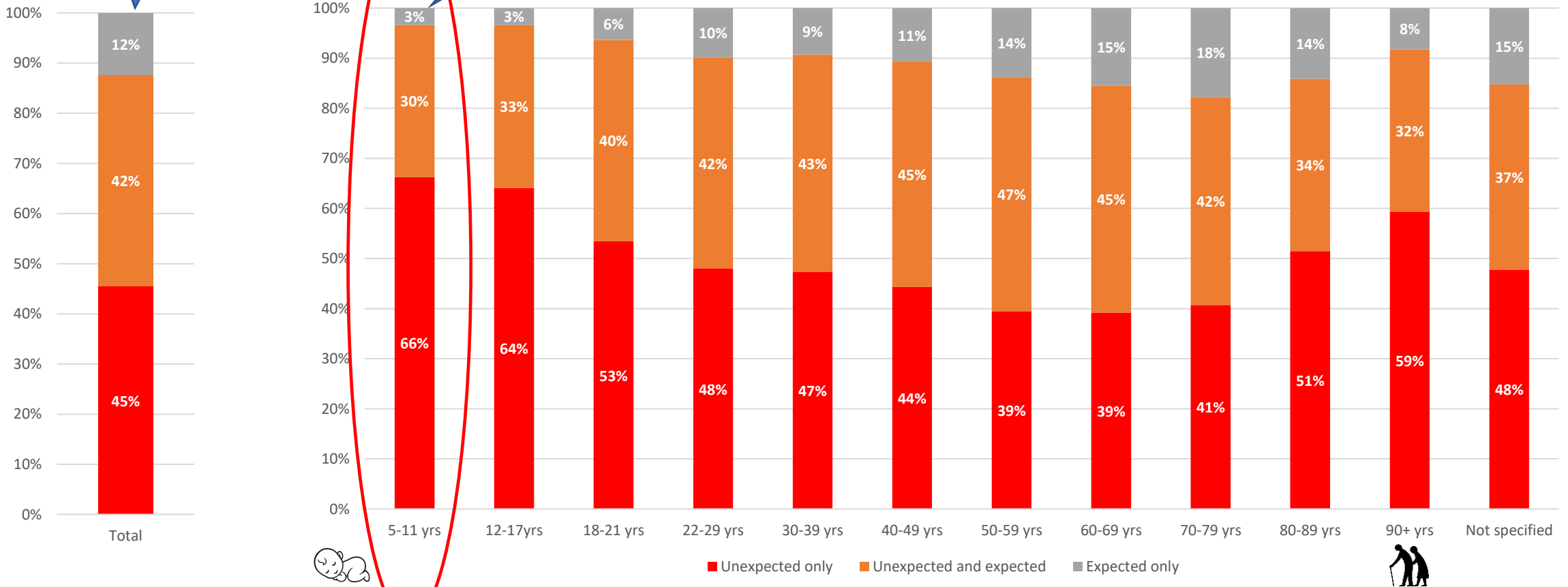
As each Adverse Event Report may list multiple reactions, percentages may add to more than 100%.

Australian Results By Age

In Australia only 12% of Adverse Events reports had 'Expected' Reactions only

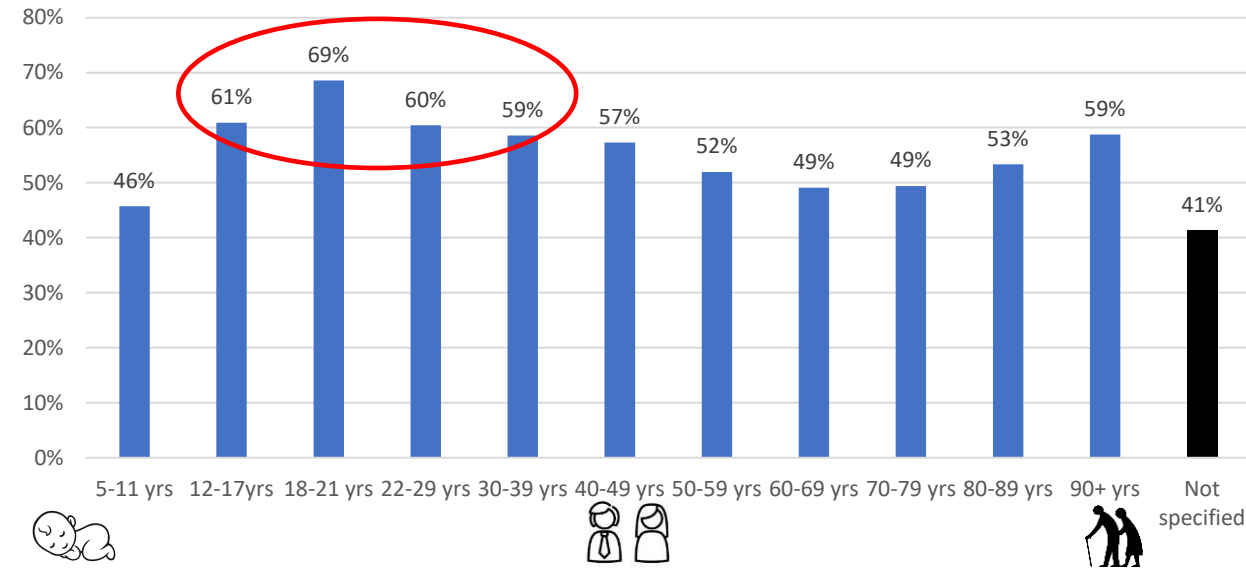
Only 3% reported 'Expected' Reactions only

Reaction by Age - Australia



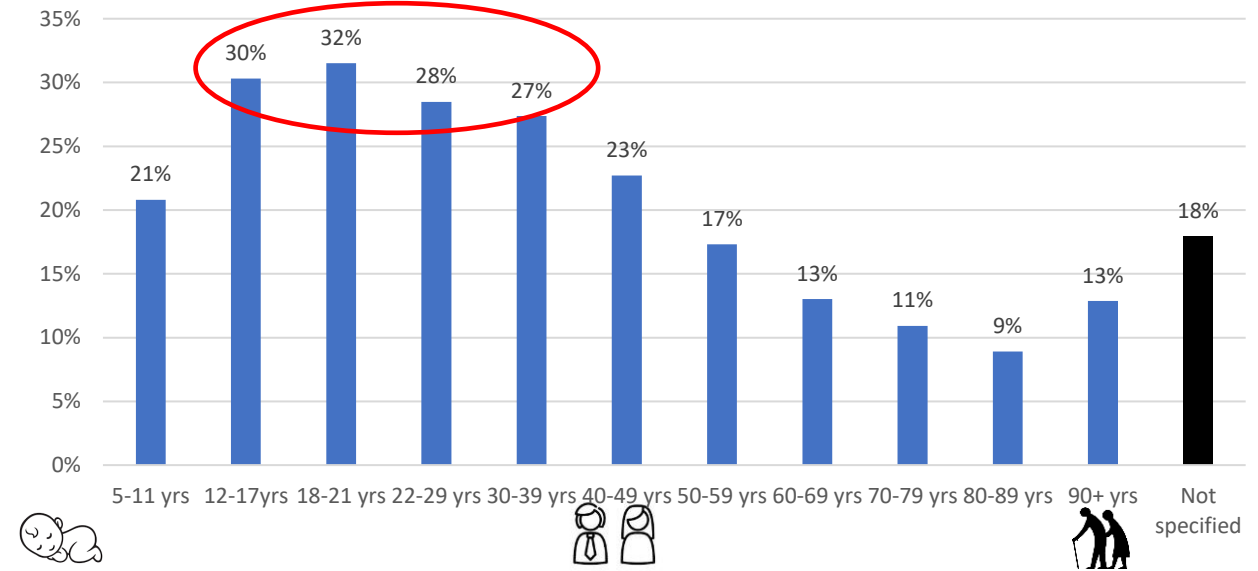
Workplace Risk Reactions - Unexpected

WORKPLACE RISK

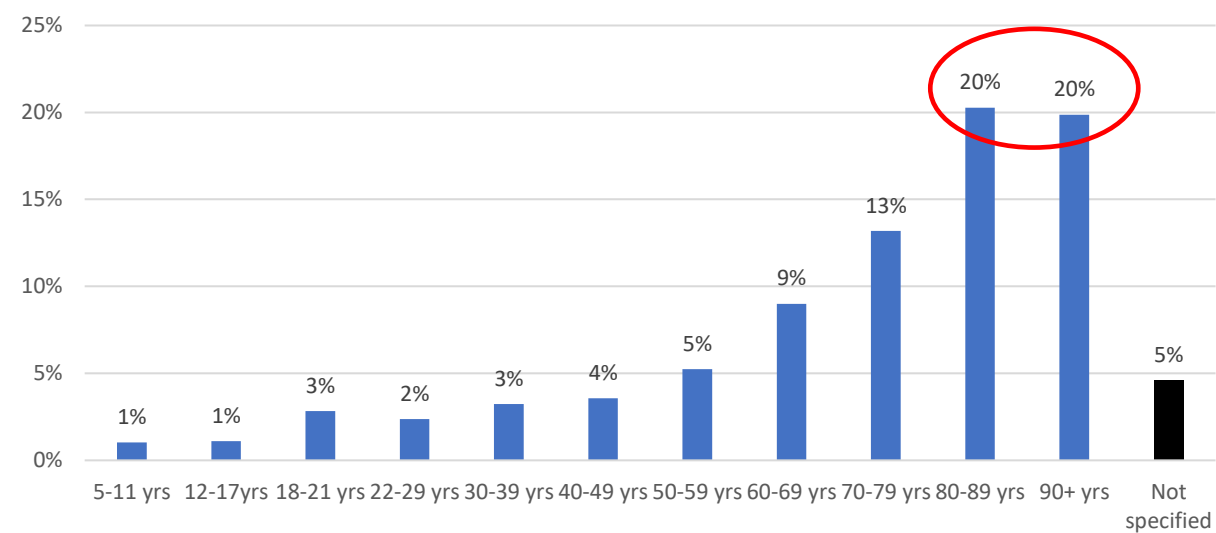
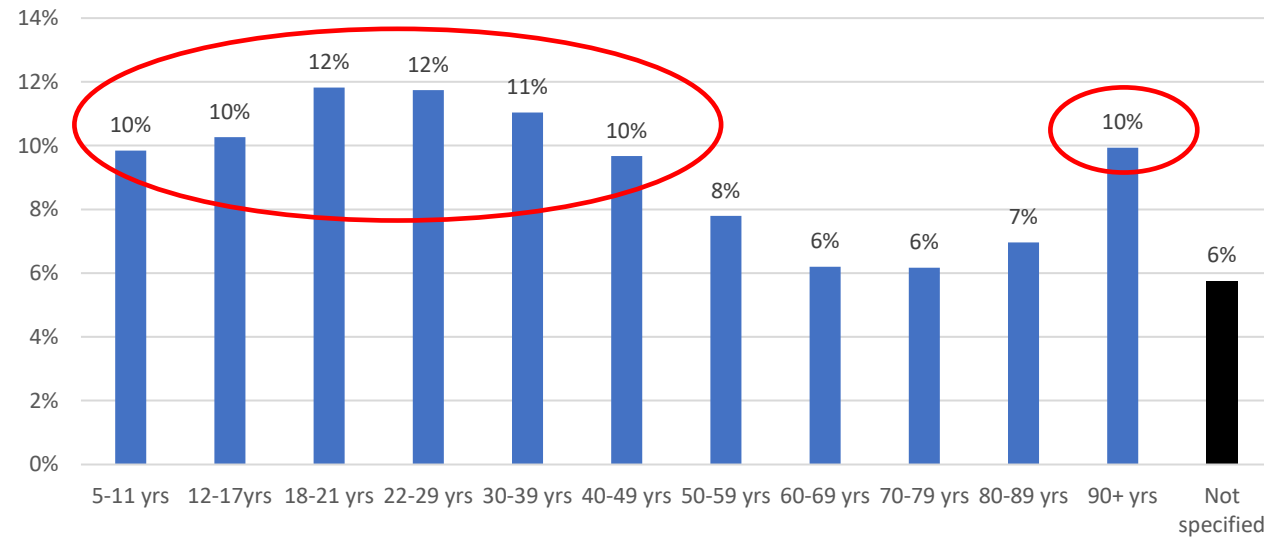


(RESP) Breathing

THORACIC/CARDIAC PULMONARY

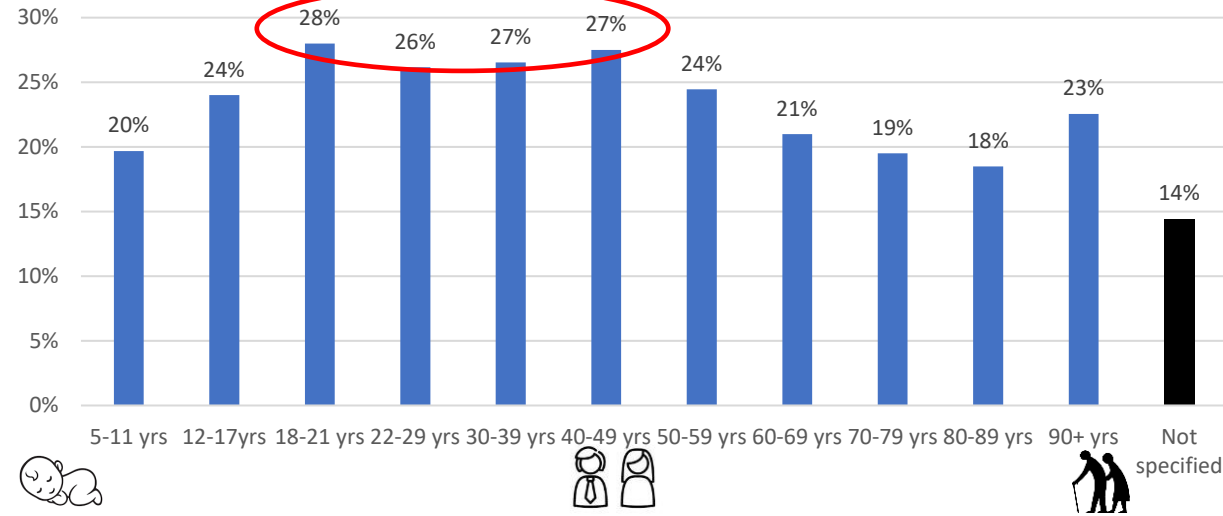


CLOTS/ BRUISING/ BLOOD

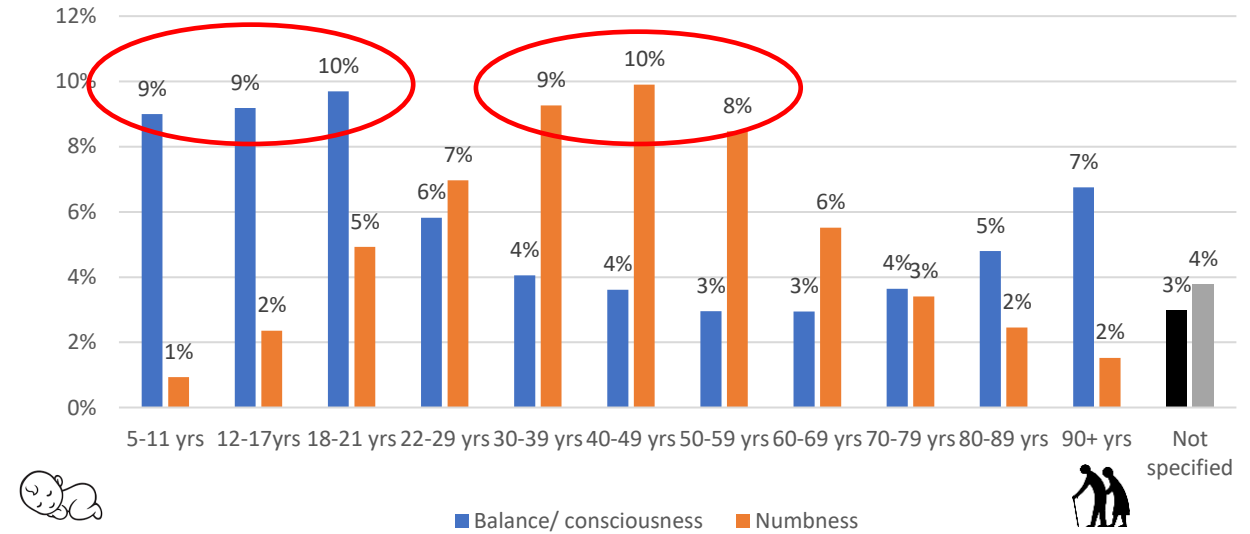


Workplace Risk Reactions - Unexpected

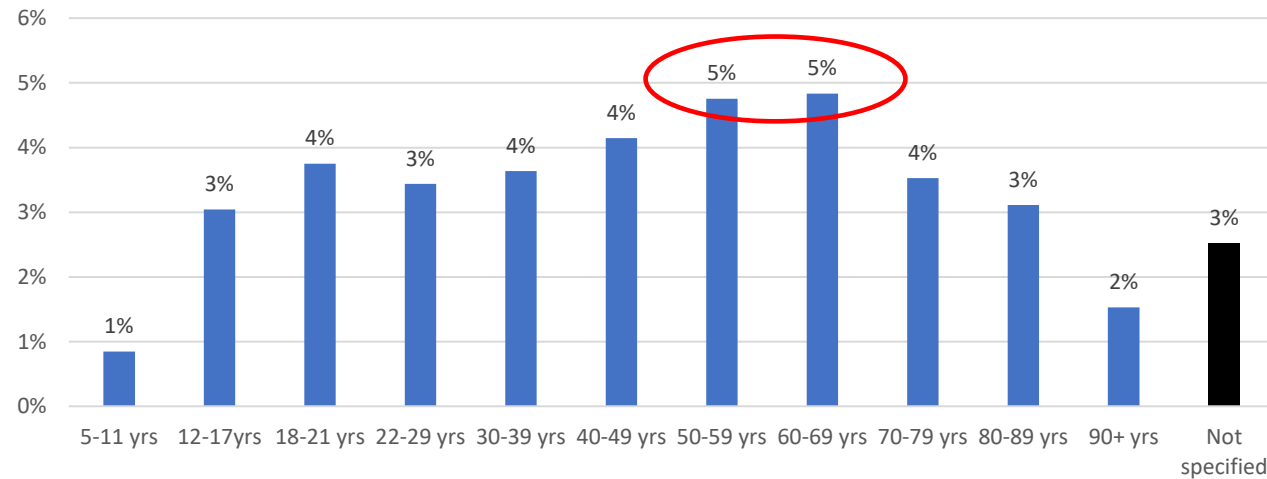
CONSCIOUSNESS/ NEUROLOGICAL (ex headache)



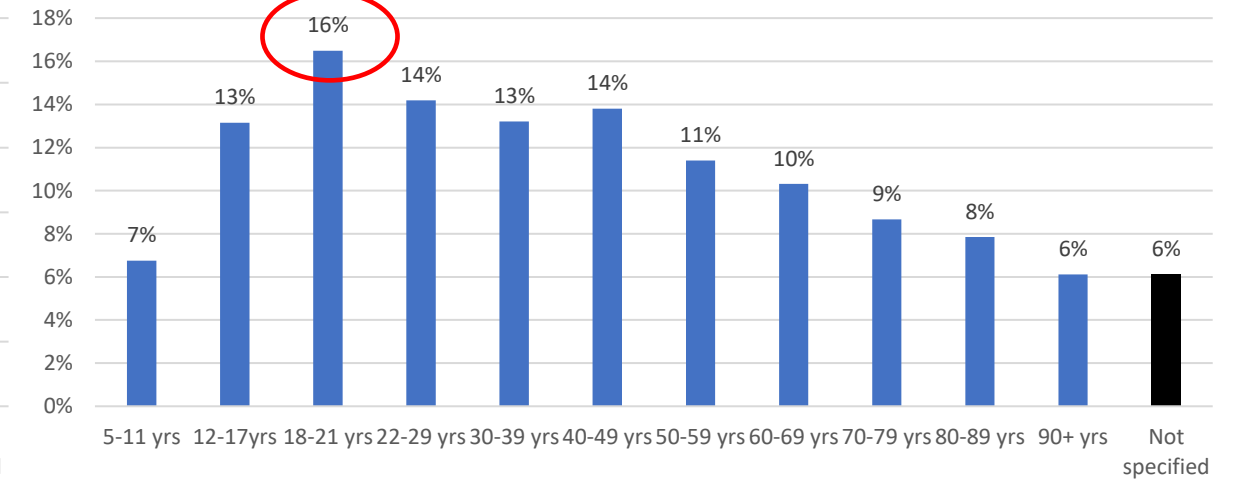
Balance/ consciousness and Numbness



HEARING/ VISION

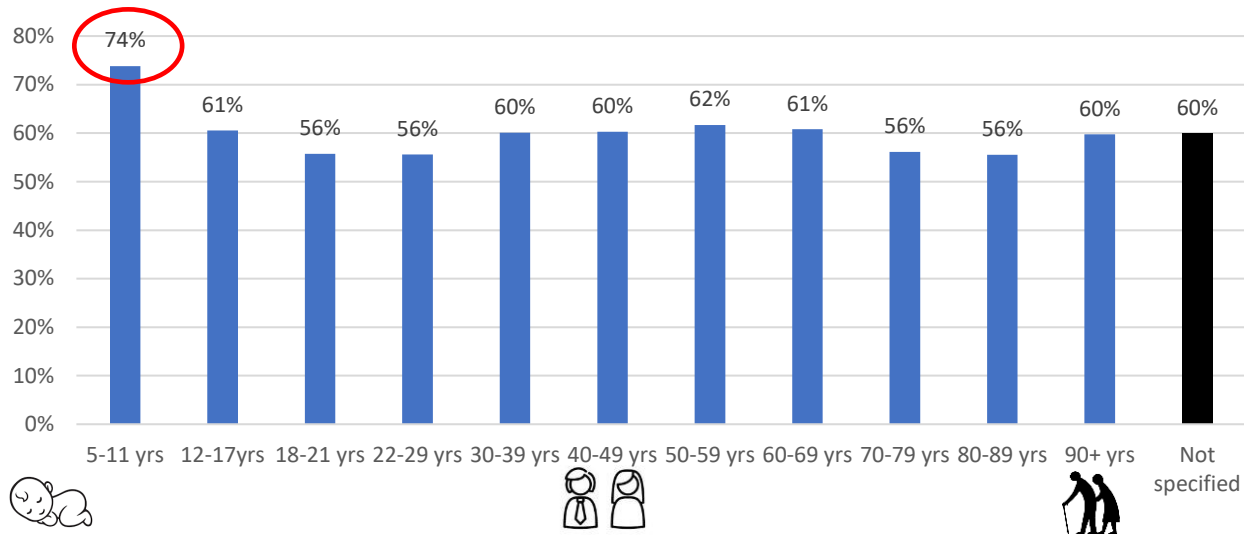


Vertigo

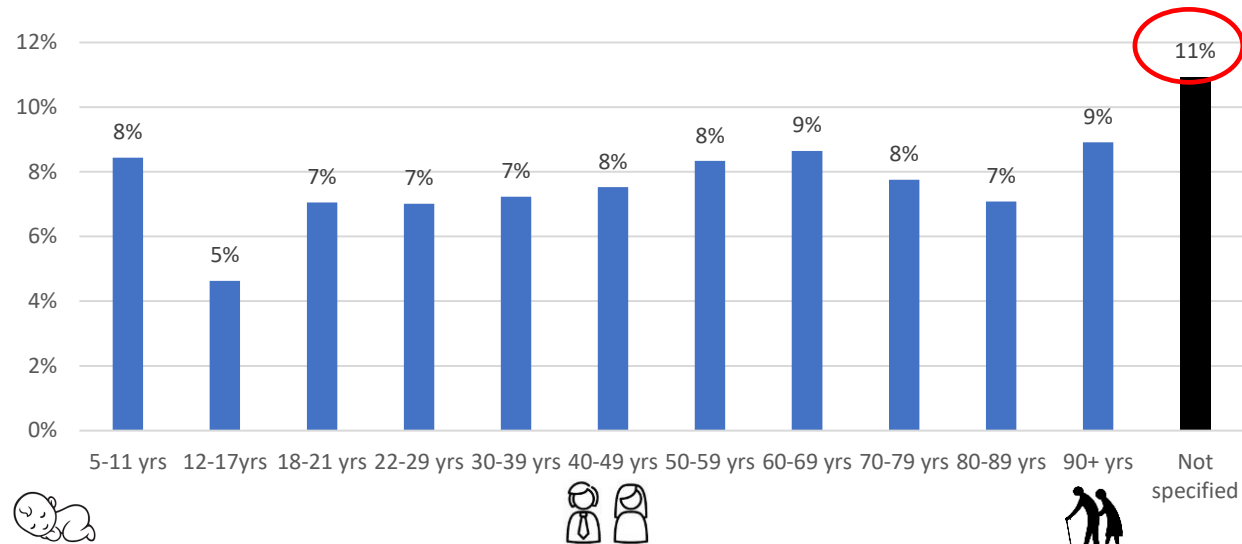


Other Unexpected Reactions

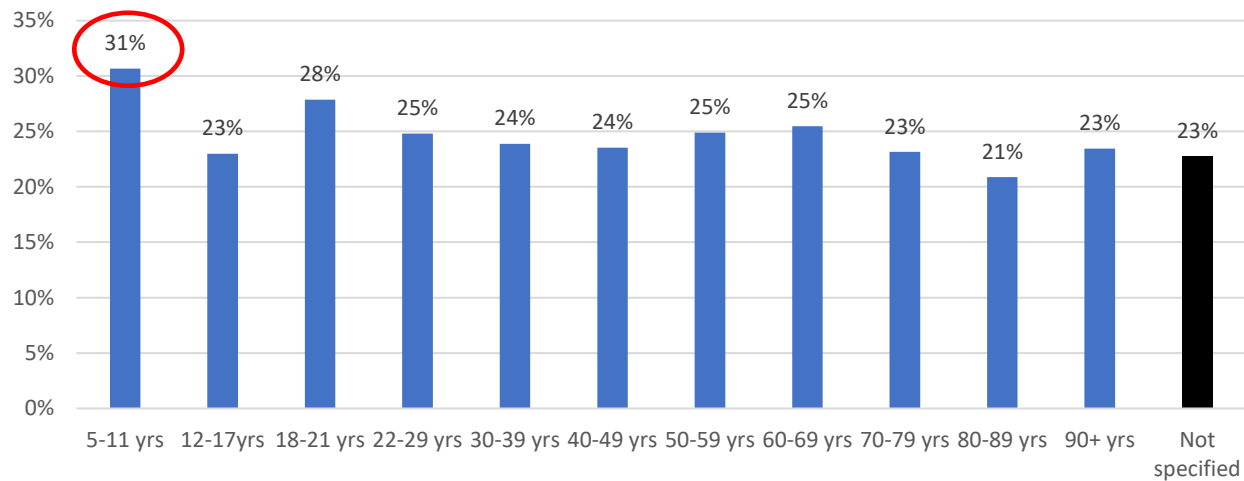
OTHER UNEXPECTED REACTIONS



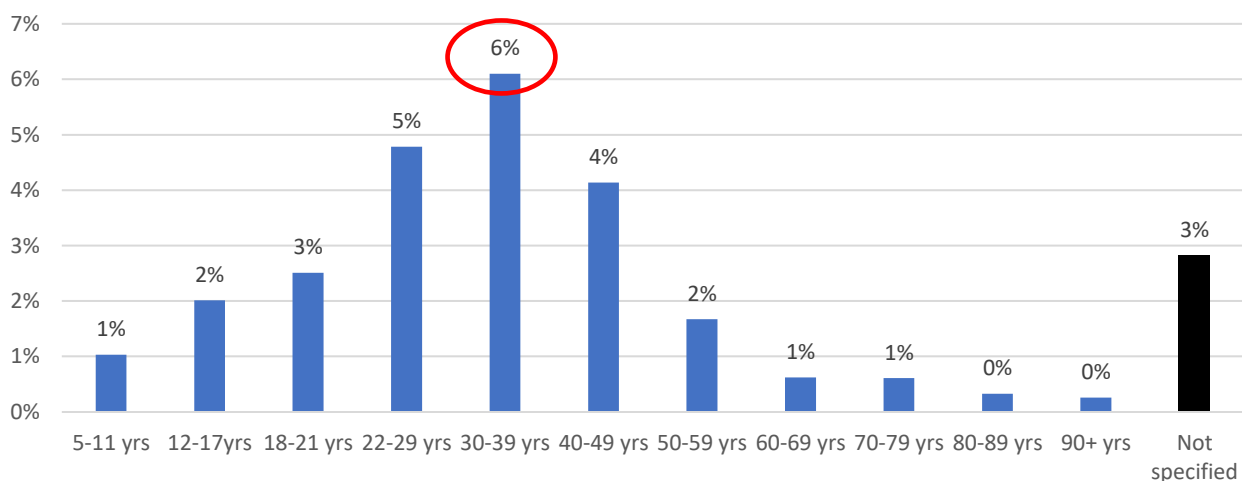
RESPIRATORY TRACT



GASTROINTESTINAL DISORDERS

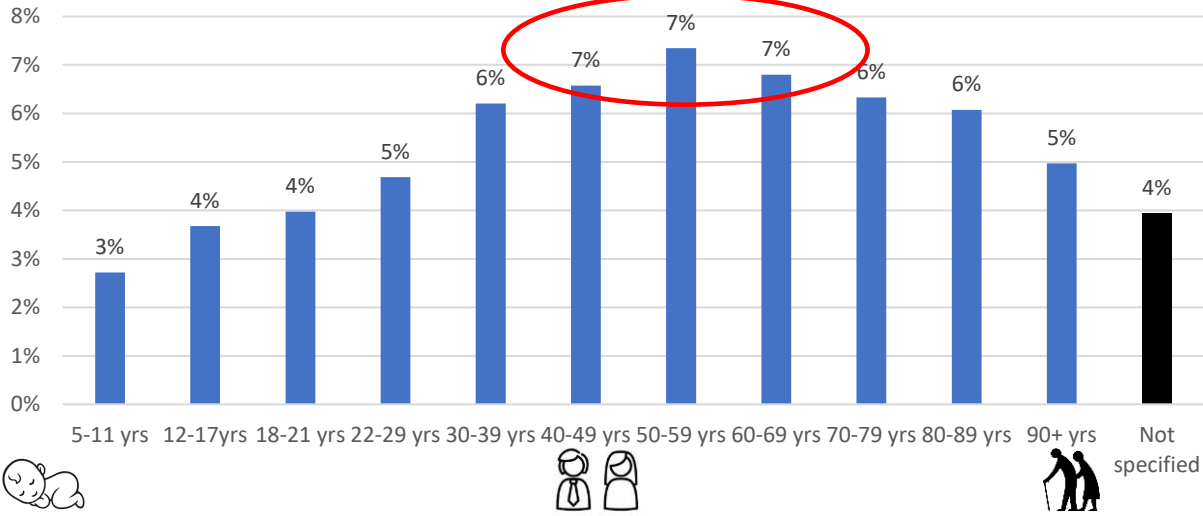


REPRODUCTIVE

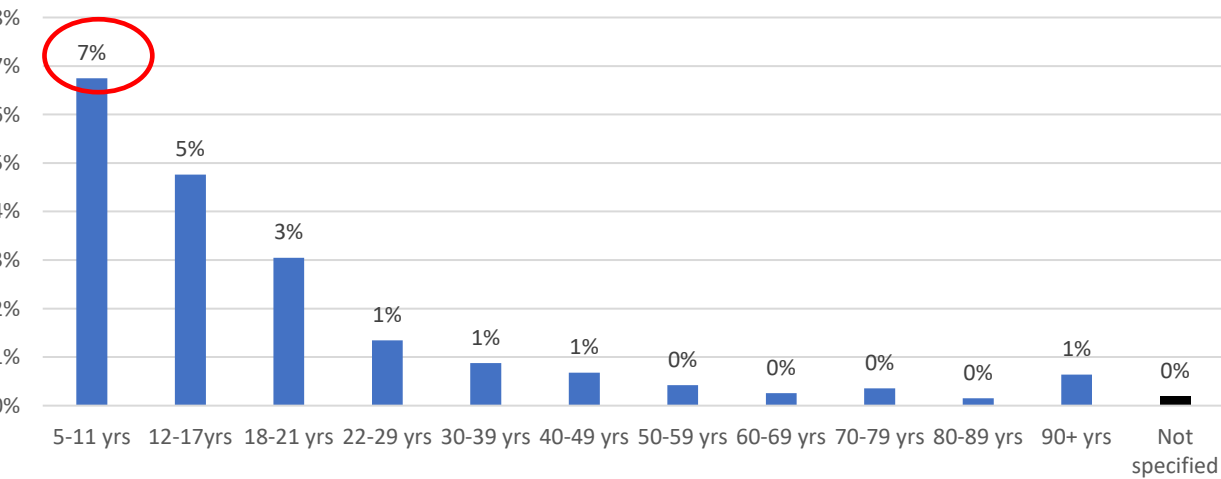


Other Unexpected Reactions

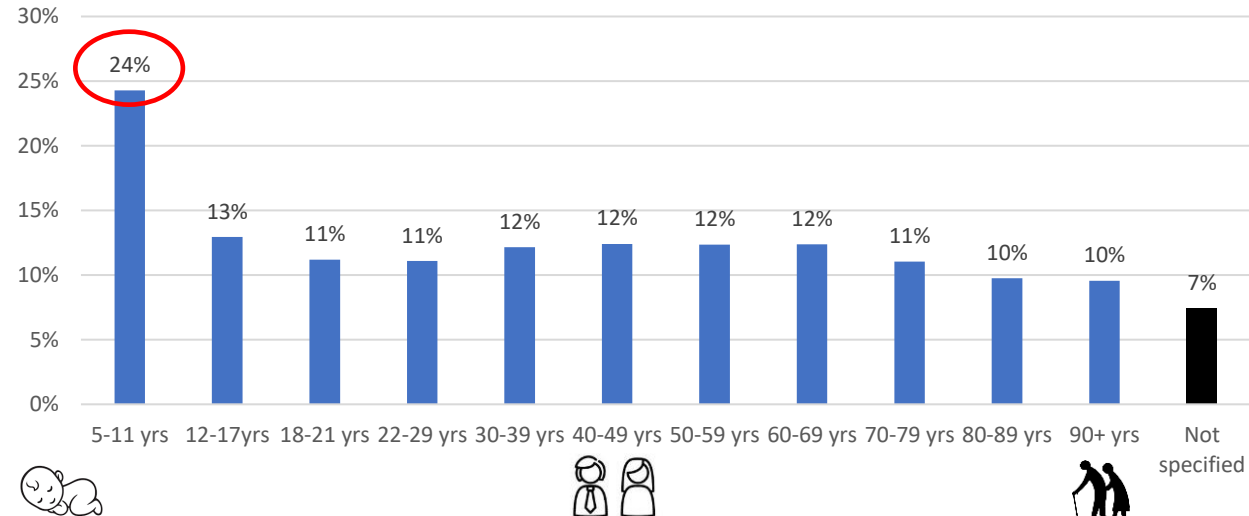
EXTREMITIES



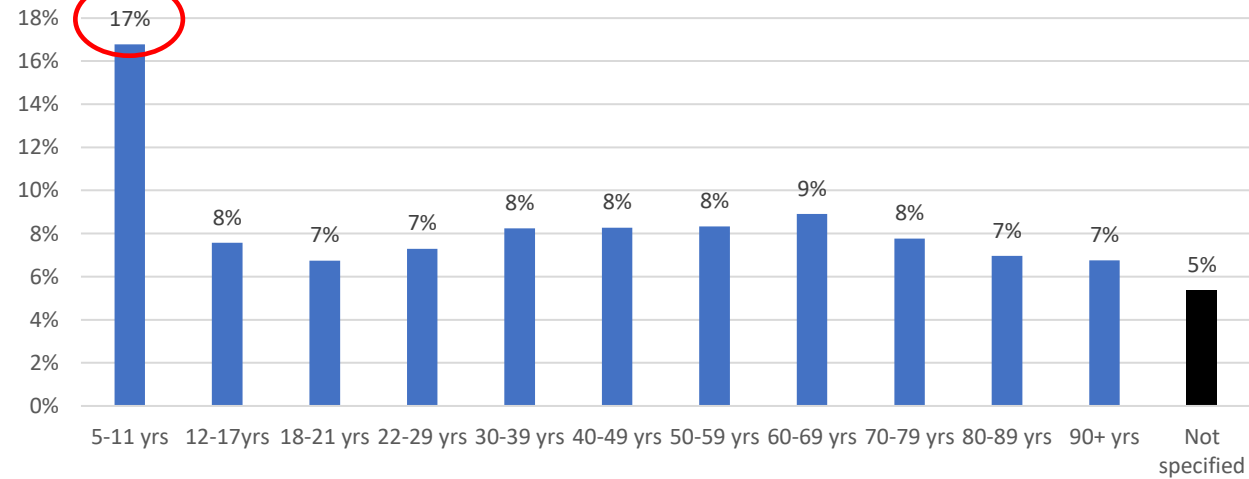
Pallor



SKIN



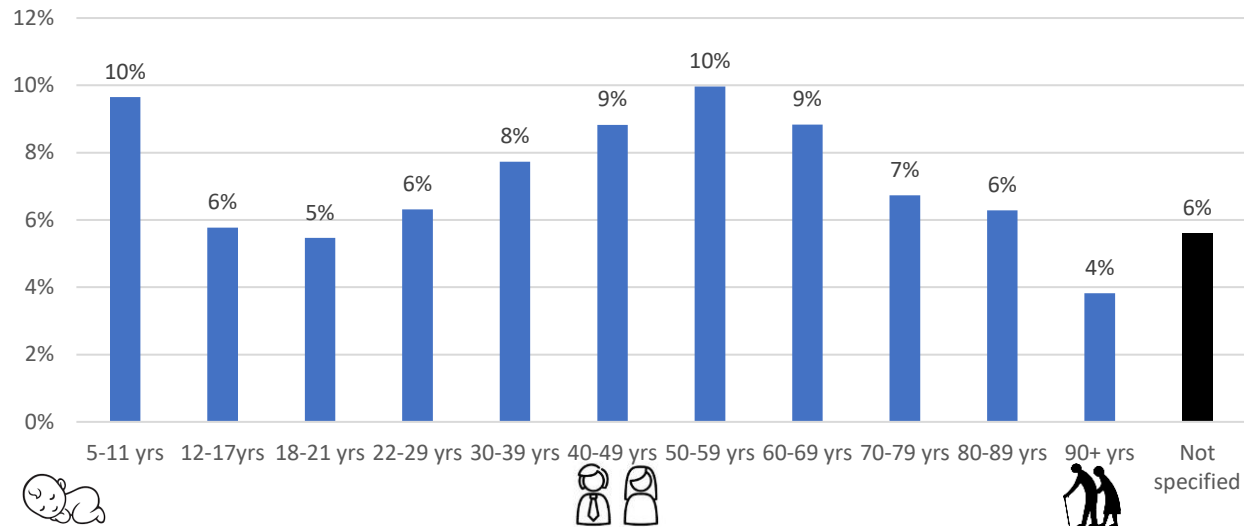
Rash



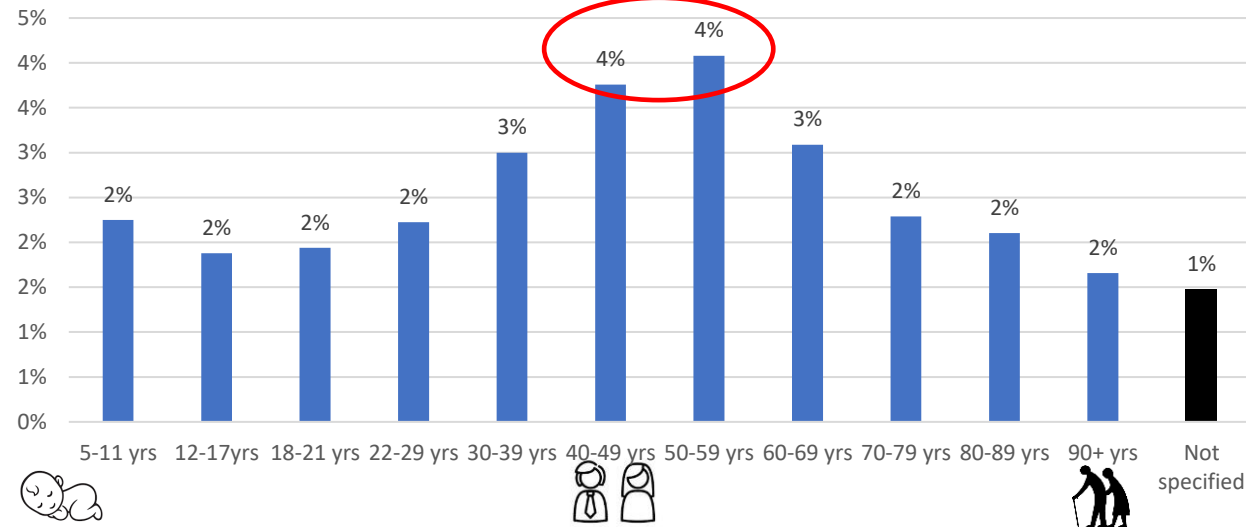
0% = < 0.5%

Other Unexpected Reactions

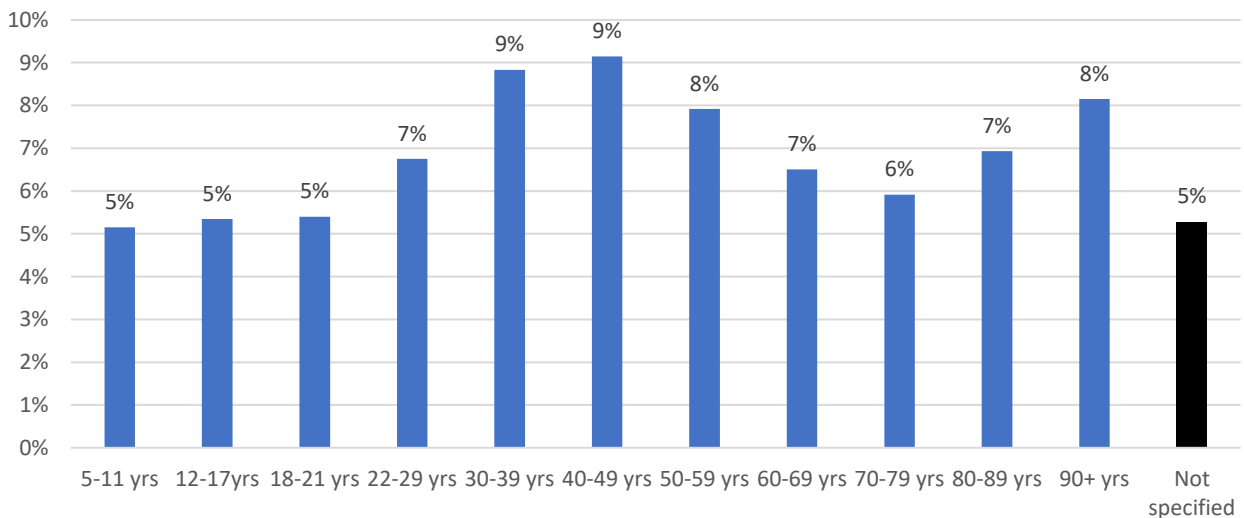
FACE/ EYES/ EARS



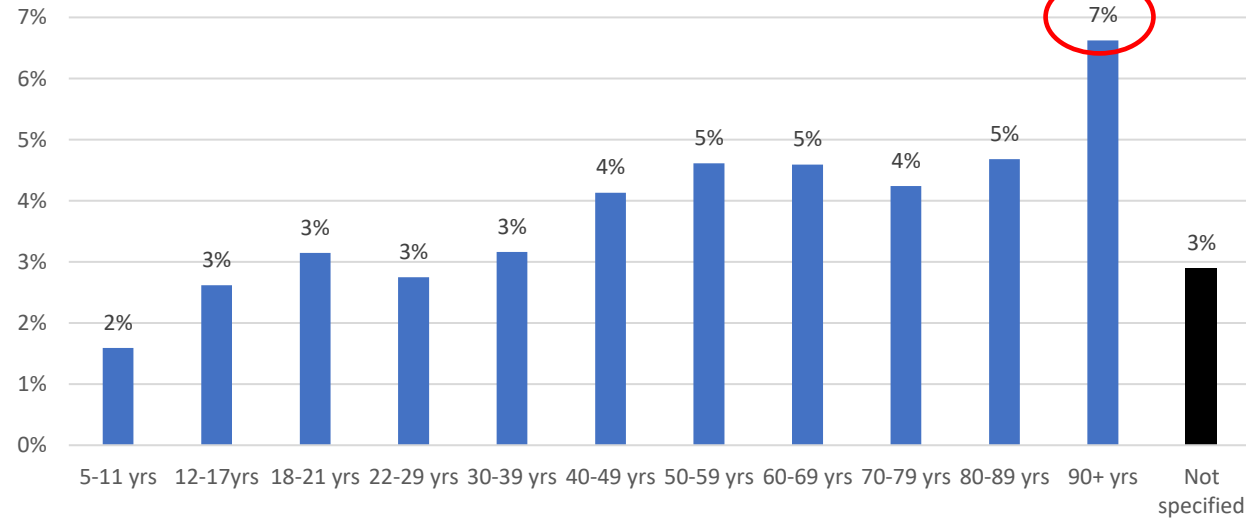
MOUTH



AUTOIMMUNE SYMPTOMS

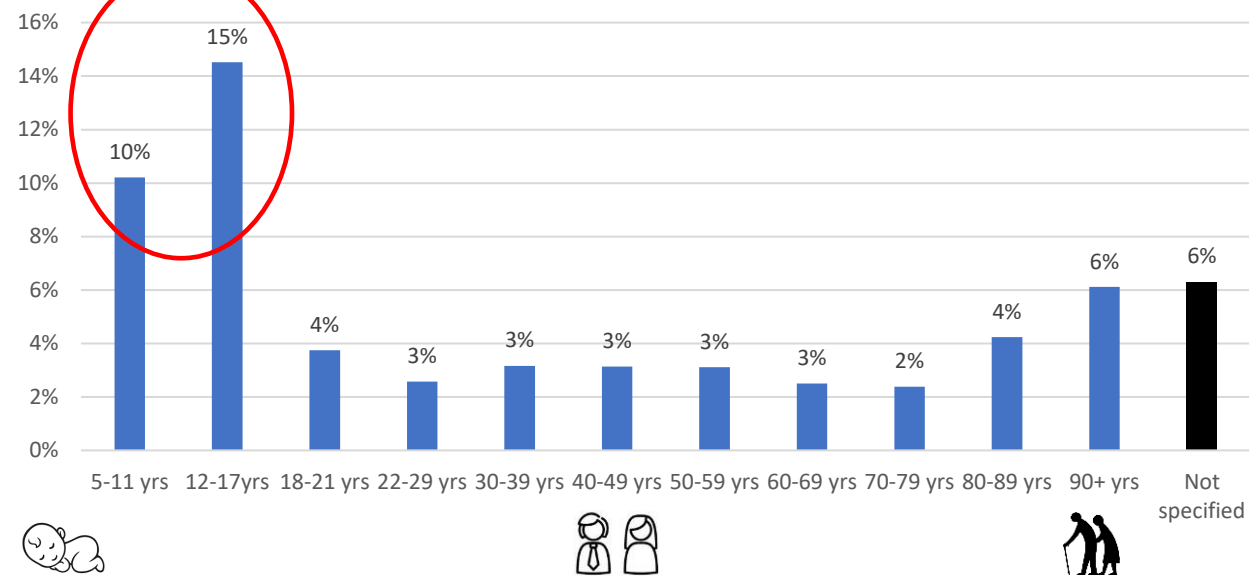


BLOOD PRESSURE/ BLOODS

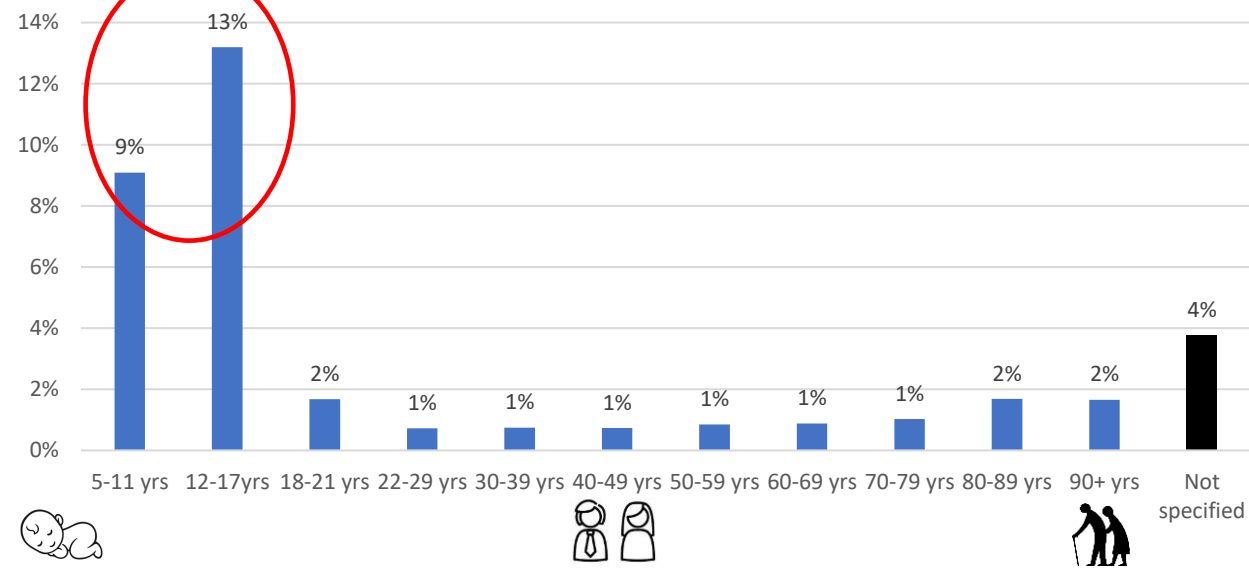


Other Unexpected Reactions

REACTION (ex injection site)

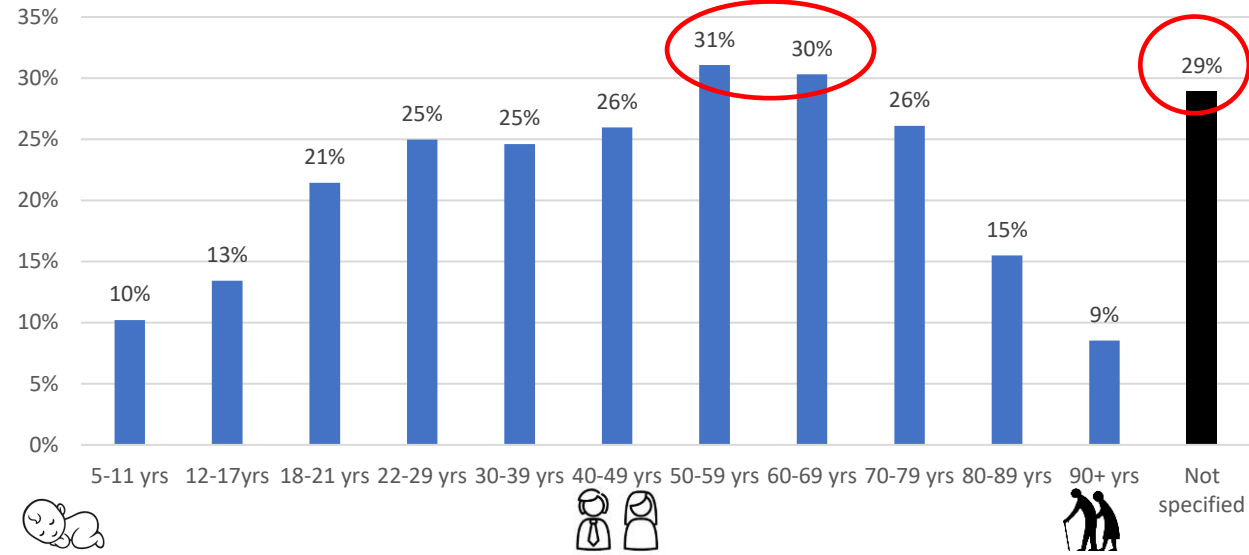


Error

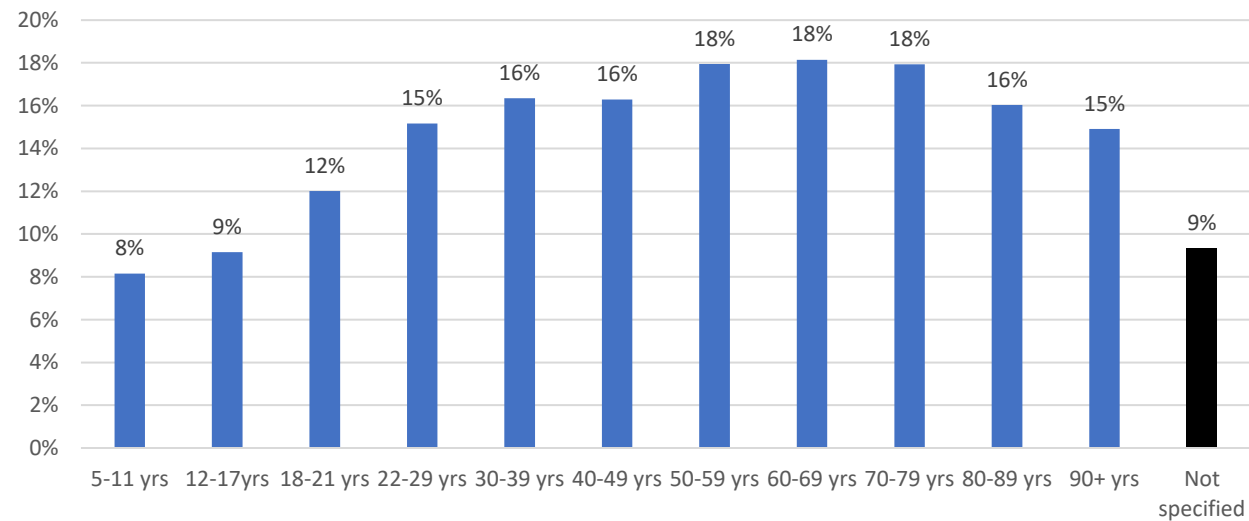


Expected Reactions

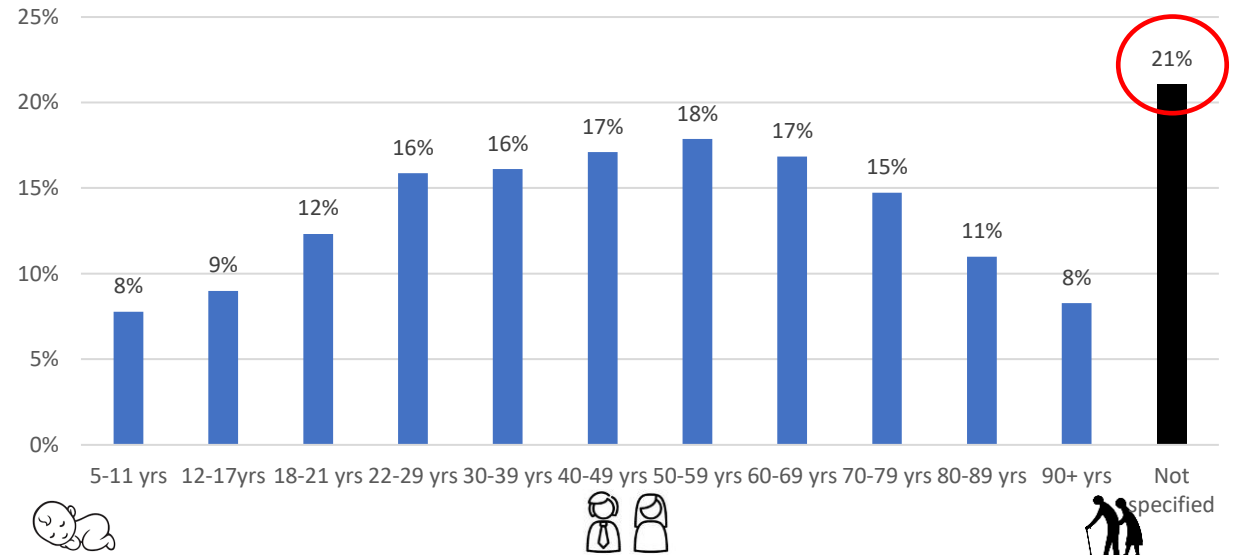
(CONSC) Neurological - Headache



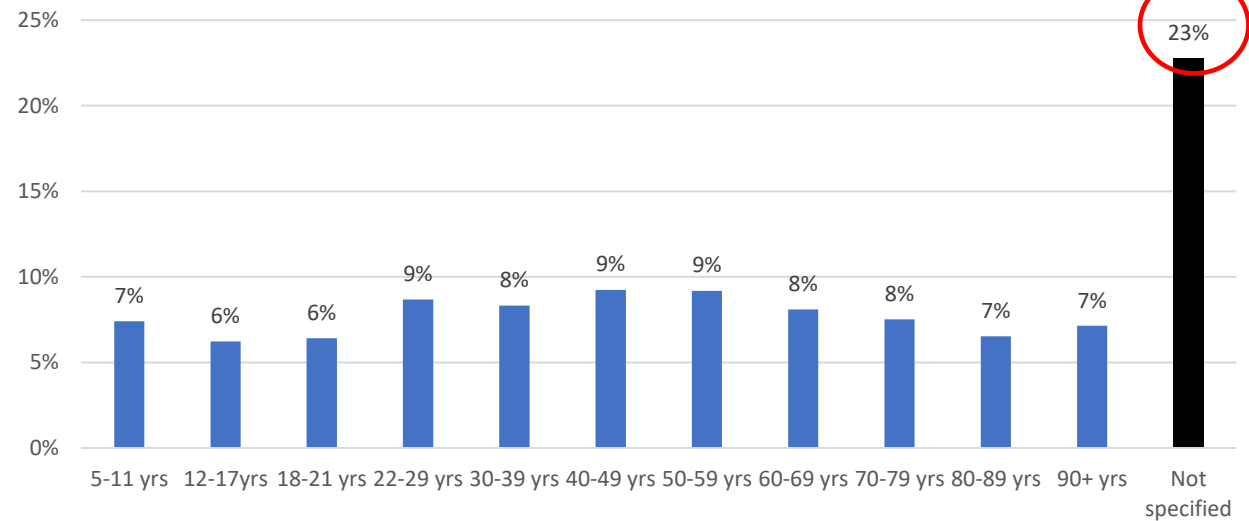
Fatigue



(REACT) Injection site

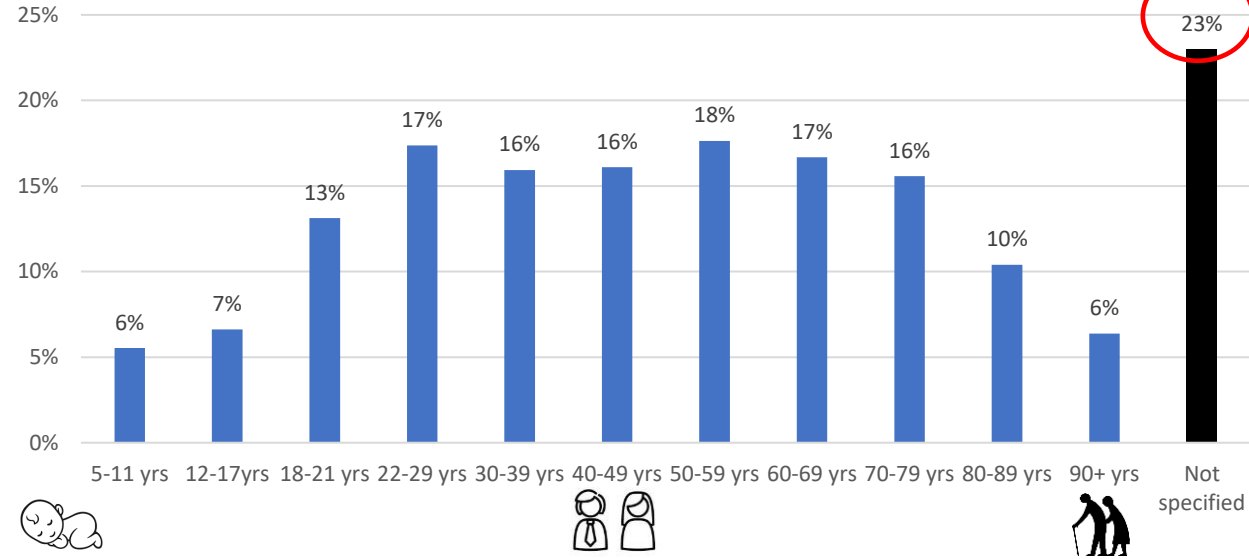


Lethargy

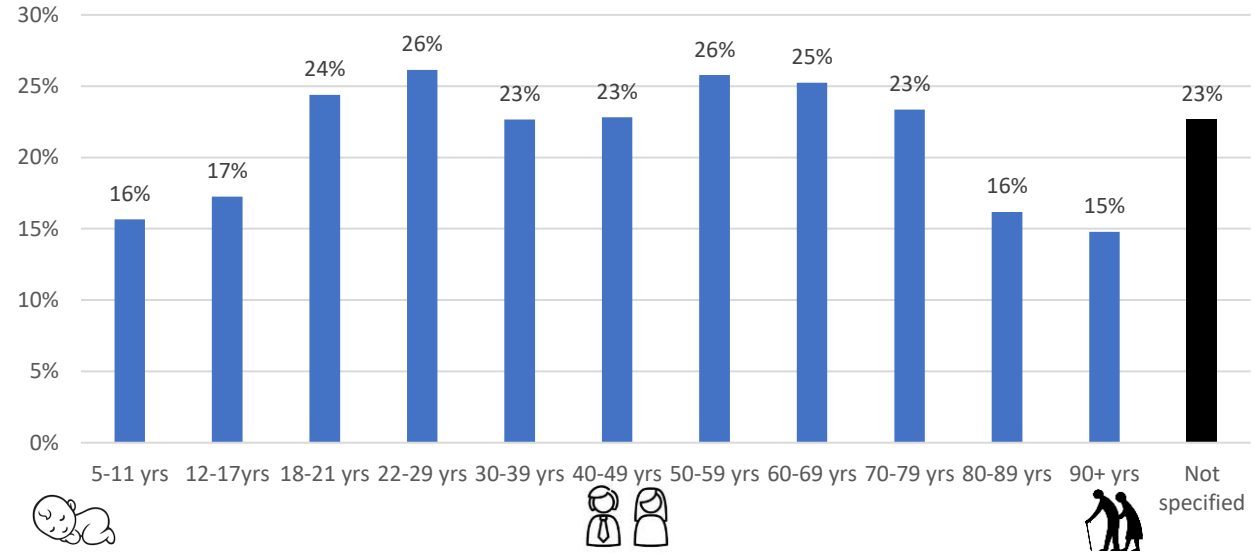


Expected Reactions

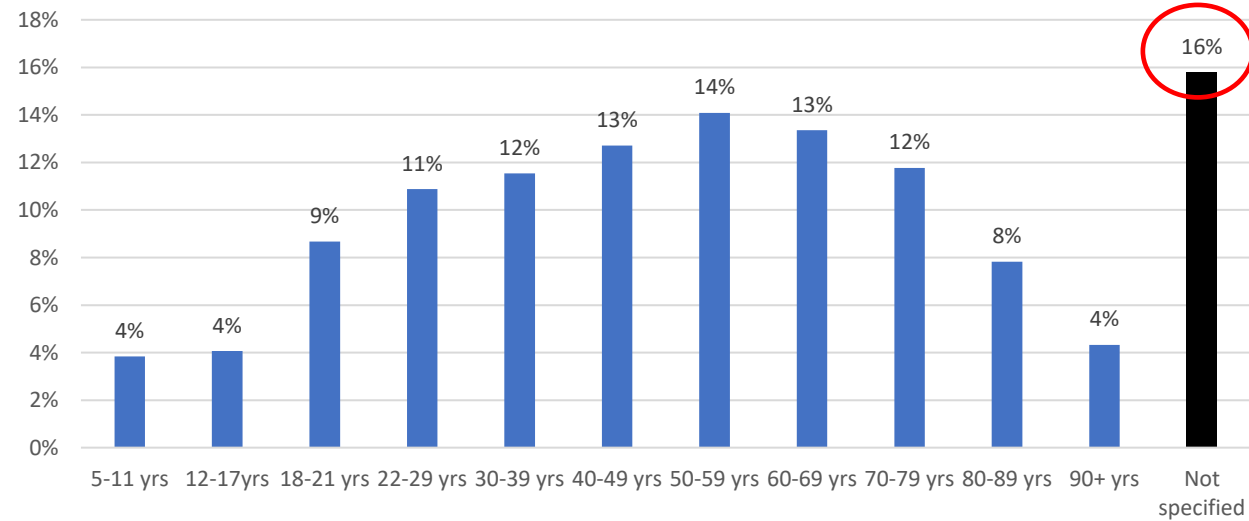
MUSCLES/ SKELETON



TEMPERATURE

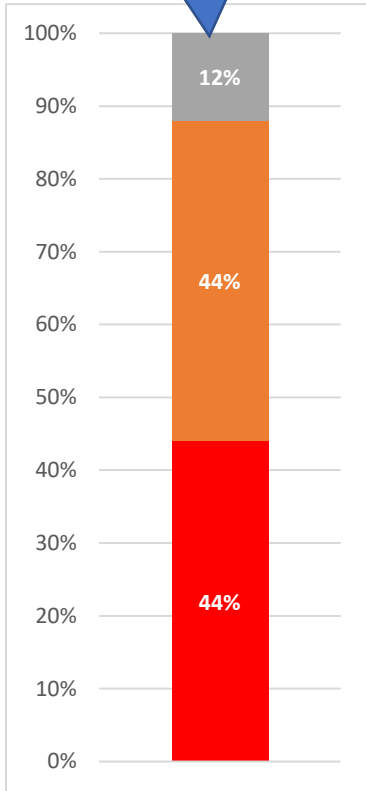


PAIN/ SWELLING (general)

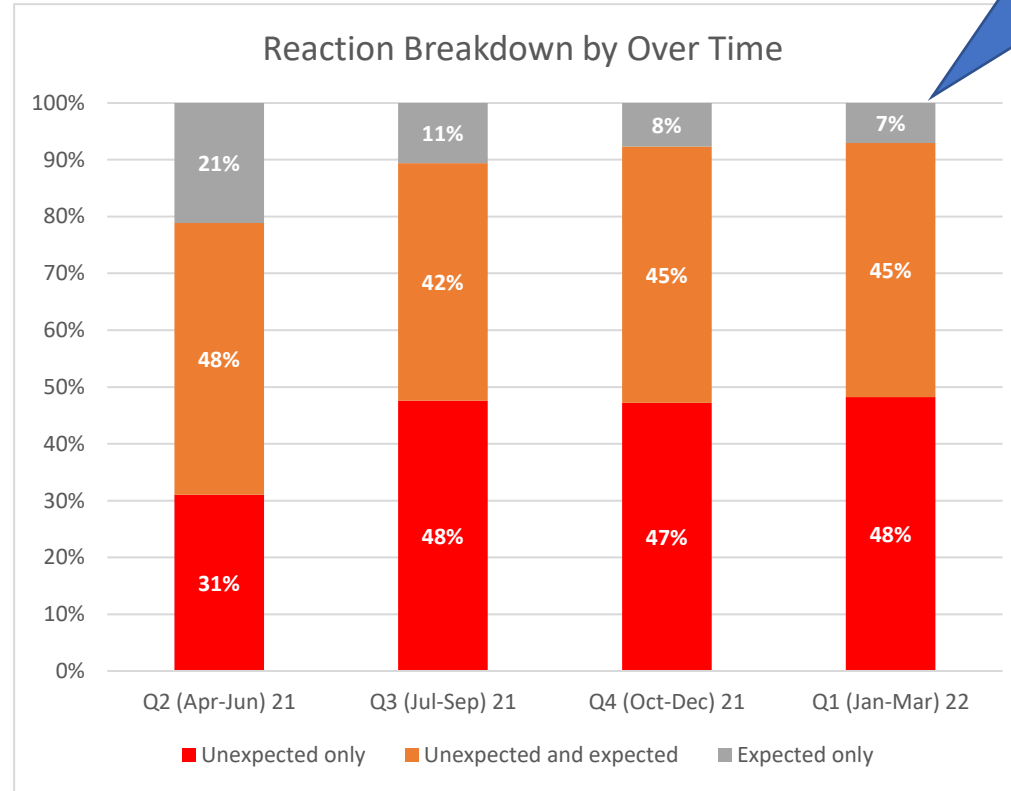


Australia and New Zealand Over Time

Across Australia and New Zealand
12% of Adverse Events reports
had 'Expected' Reactions only

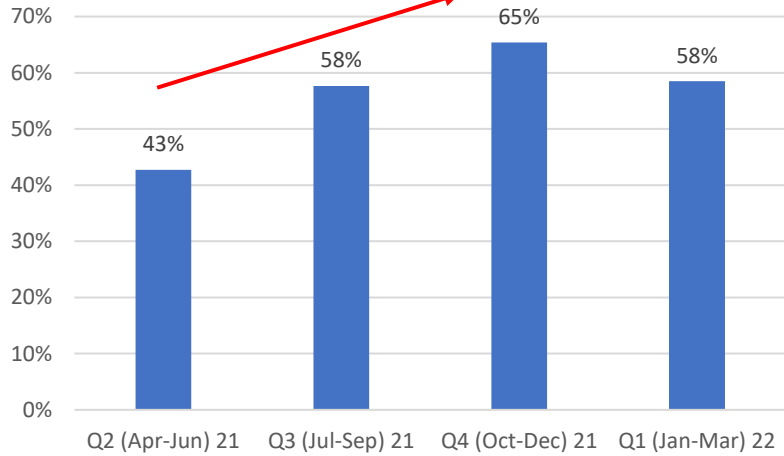


Reports of 'Expected' Reactions only
declined from 21% in Apr-Jun 21 to
7% in Jan-Mar 22

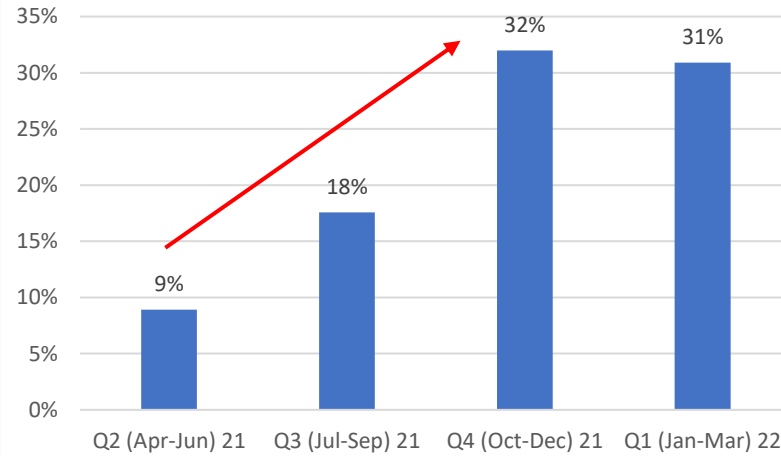


Workplace Risk Reactions - Unexpected

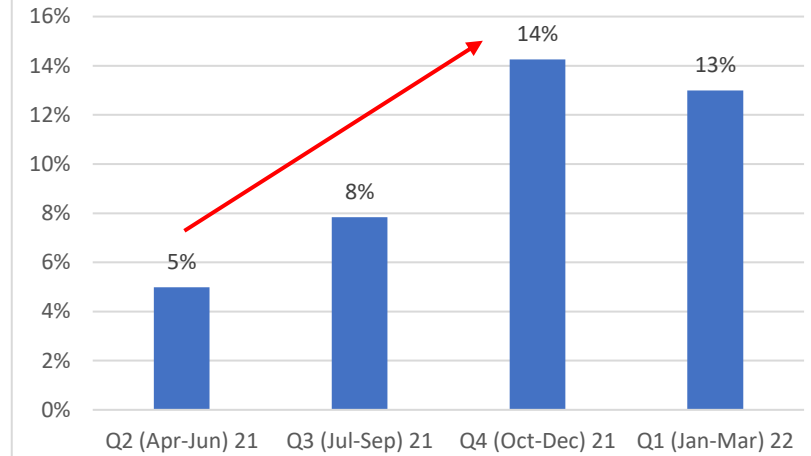
WORKPLACE RISK



THORACIC/CARDIAC PULMONARY

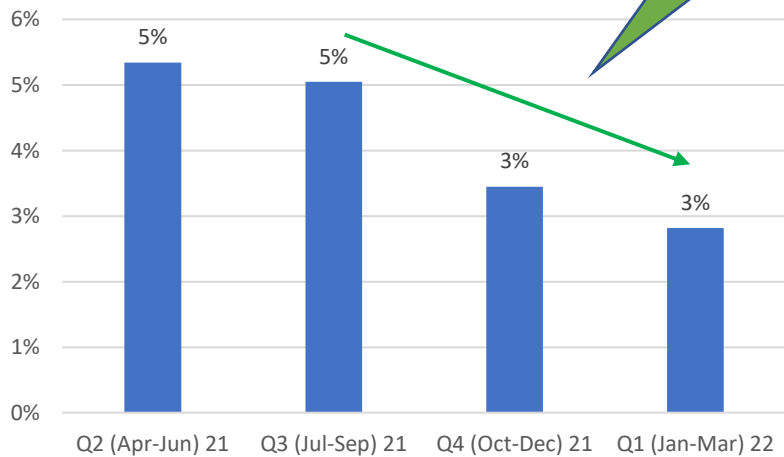


(RESP) Breathing

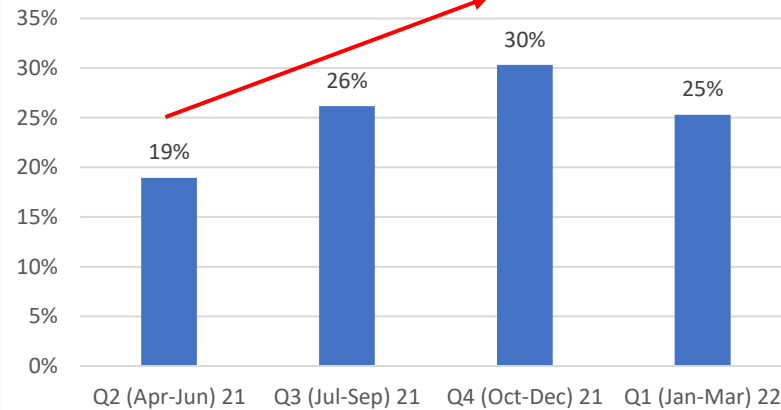


Age related decline

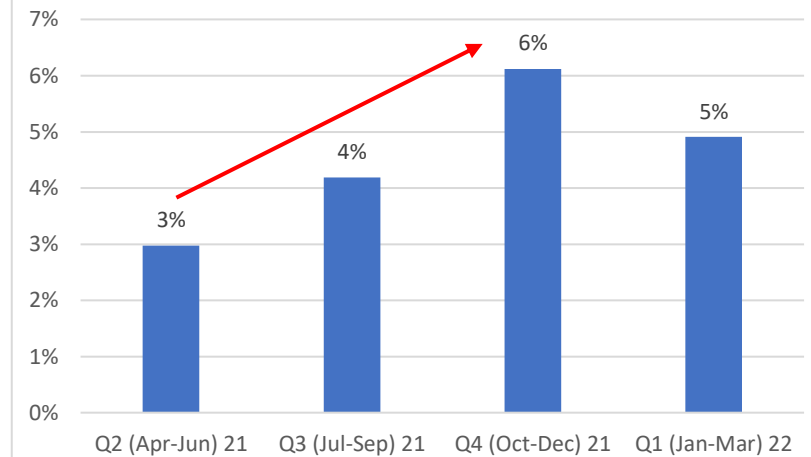
CLOTS/ BRUISING/ BLOOD



CONSCIOUSNESS/ NEUROLOGICAL (ex headache)

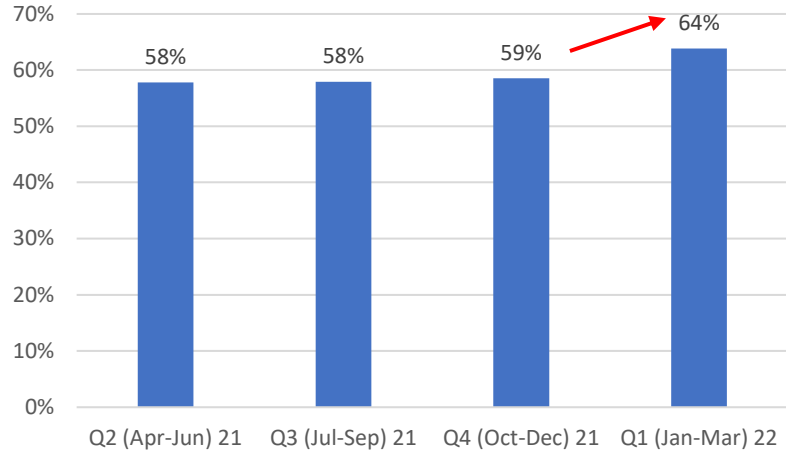


HEARING/ VISION

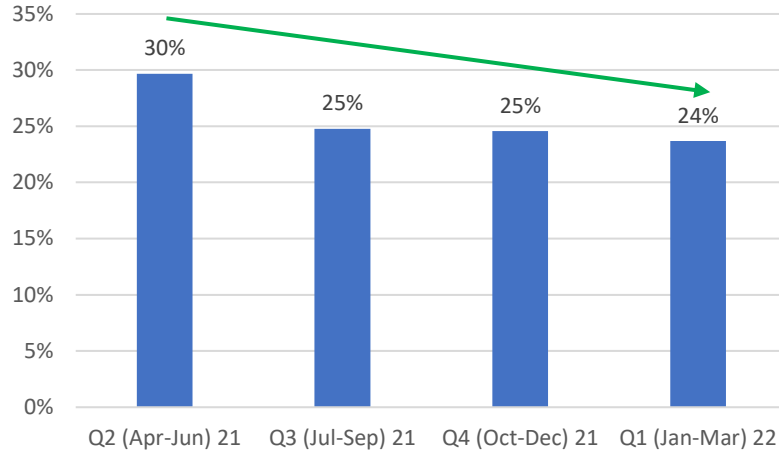


Other Unexpected Reactions

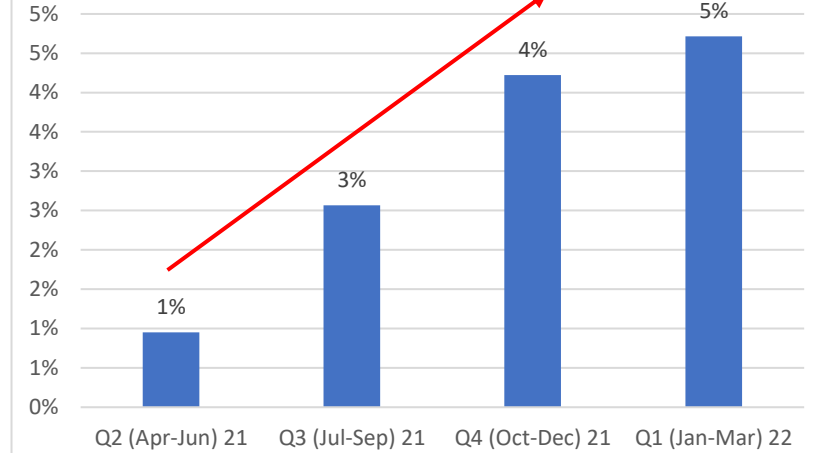
OTHER UNEXPECTED REACTIONS



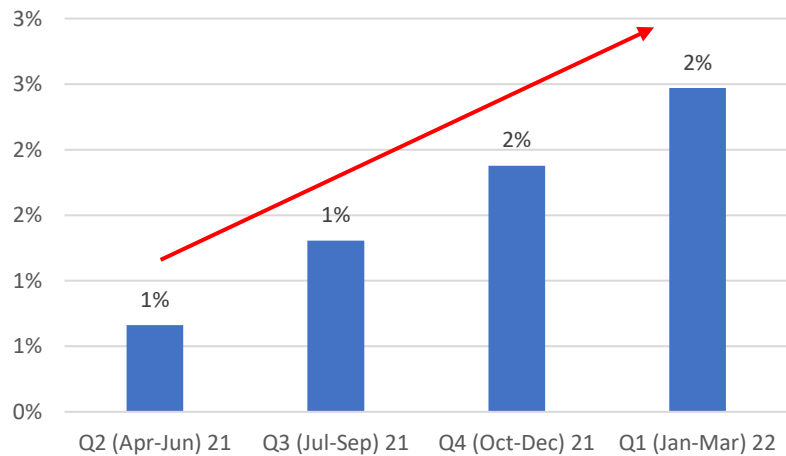
GASTROINTESTINAL DISORDERS



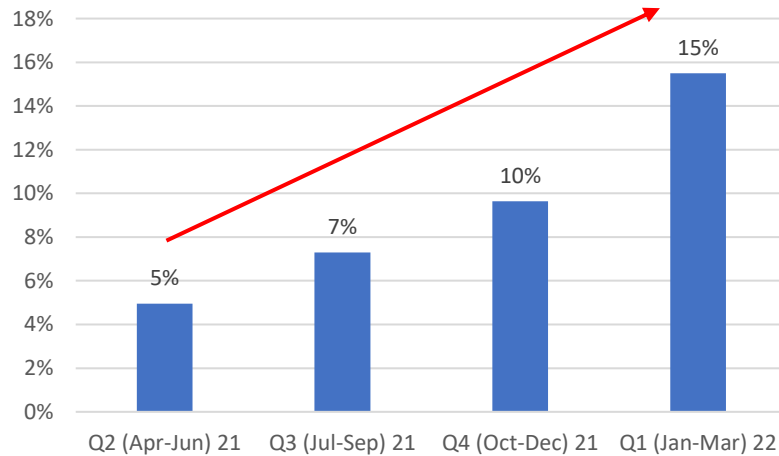
REPRODUCTIVE



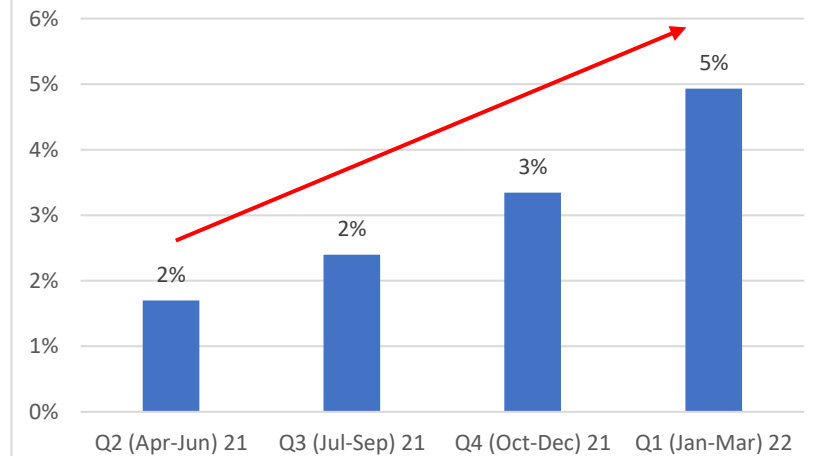
ORGANS/ GLANDS



AUTOIMMUNE SYMPTOMS

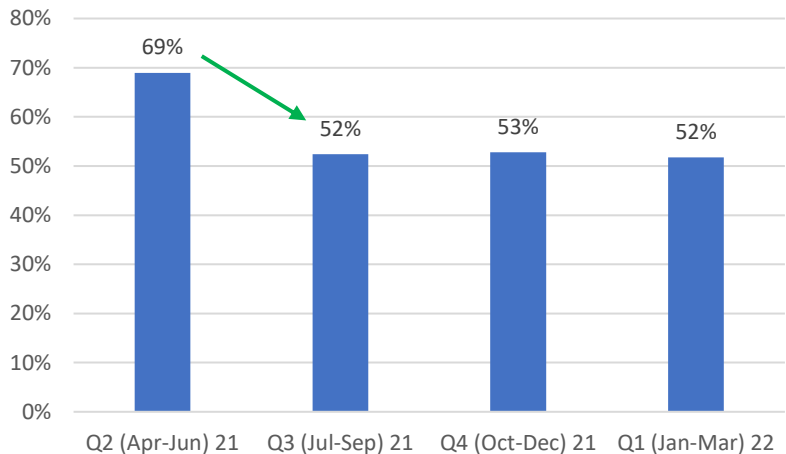


REACTION (ex injection site)

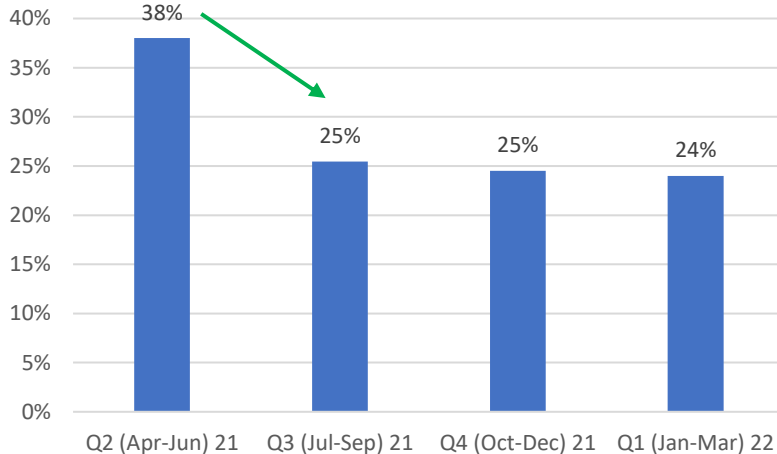


Expected Reactions

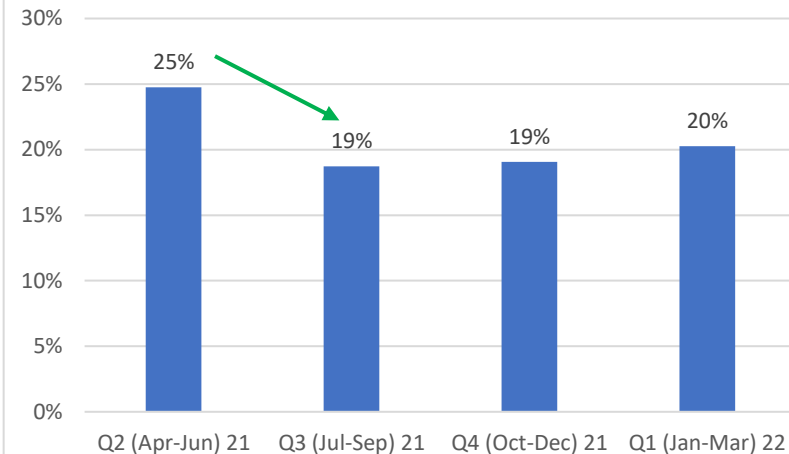
EXPECTED REACTIONS



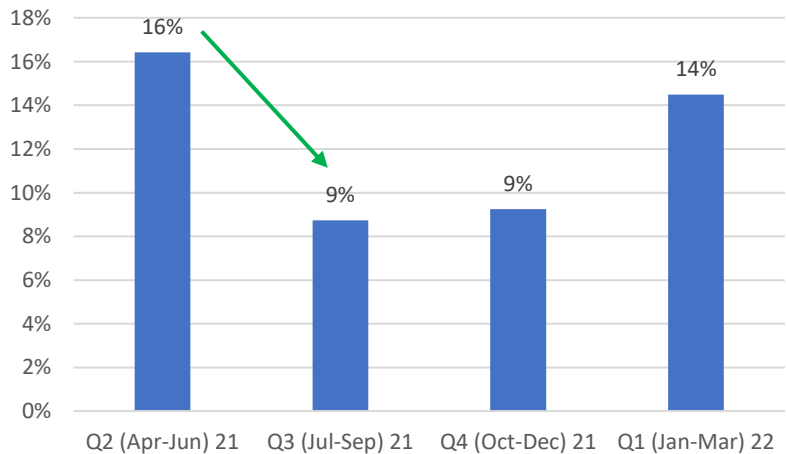
(CONSC) Neurological - Headache



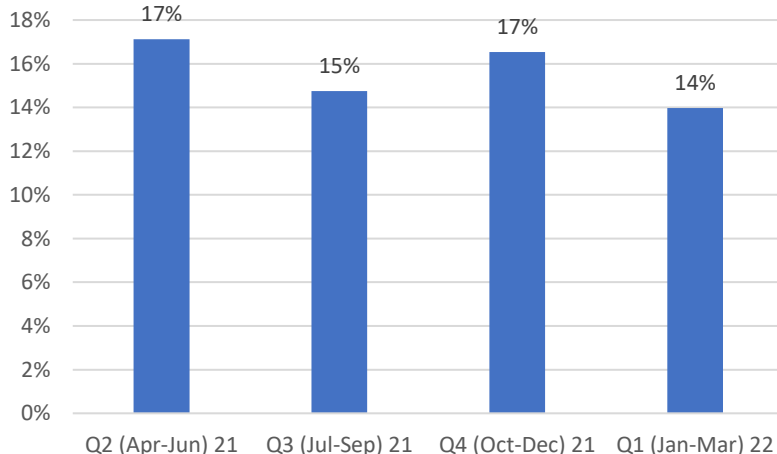
(REACT) Injection site



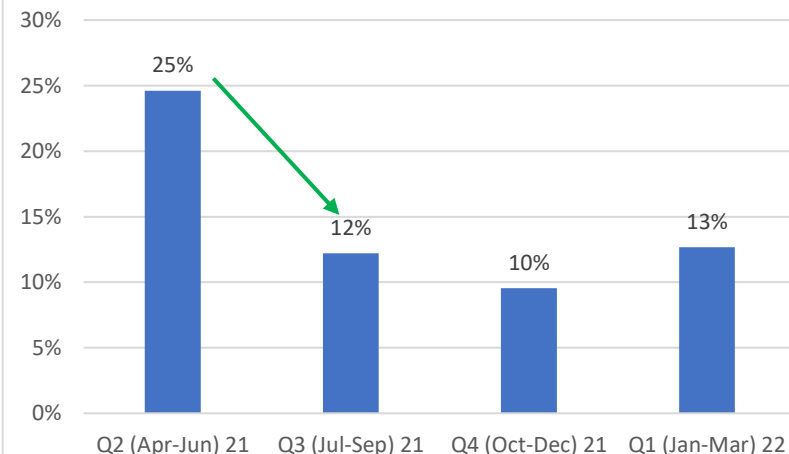
Fatigue



Lethargy

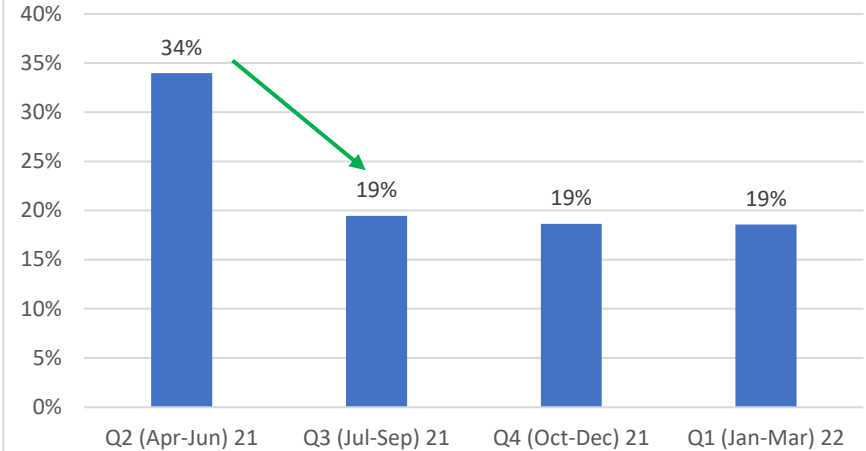


MUSCLES/ SKELETON

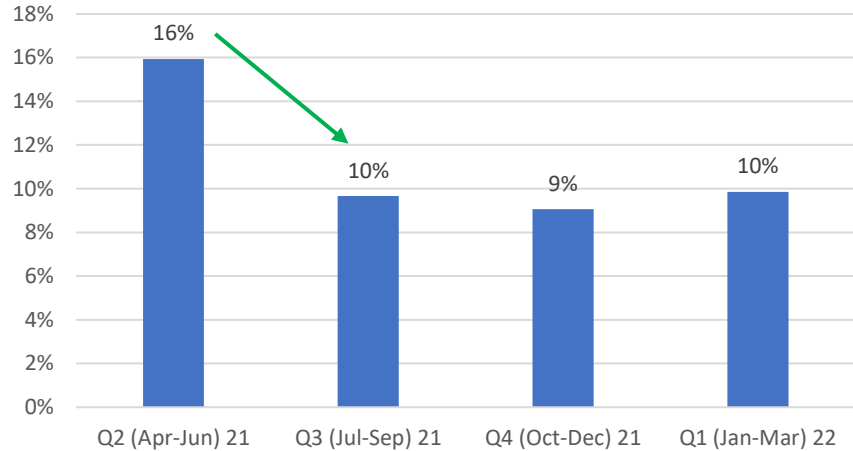


Expected Reactions

TEMPERATURE



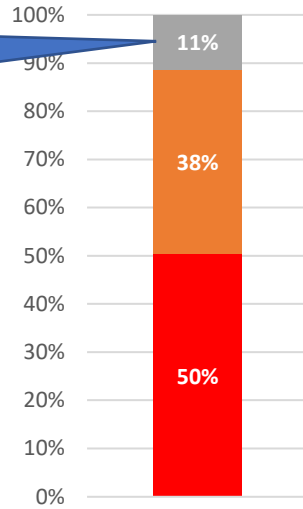
PAIN/ SWELLING (general)



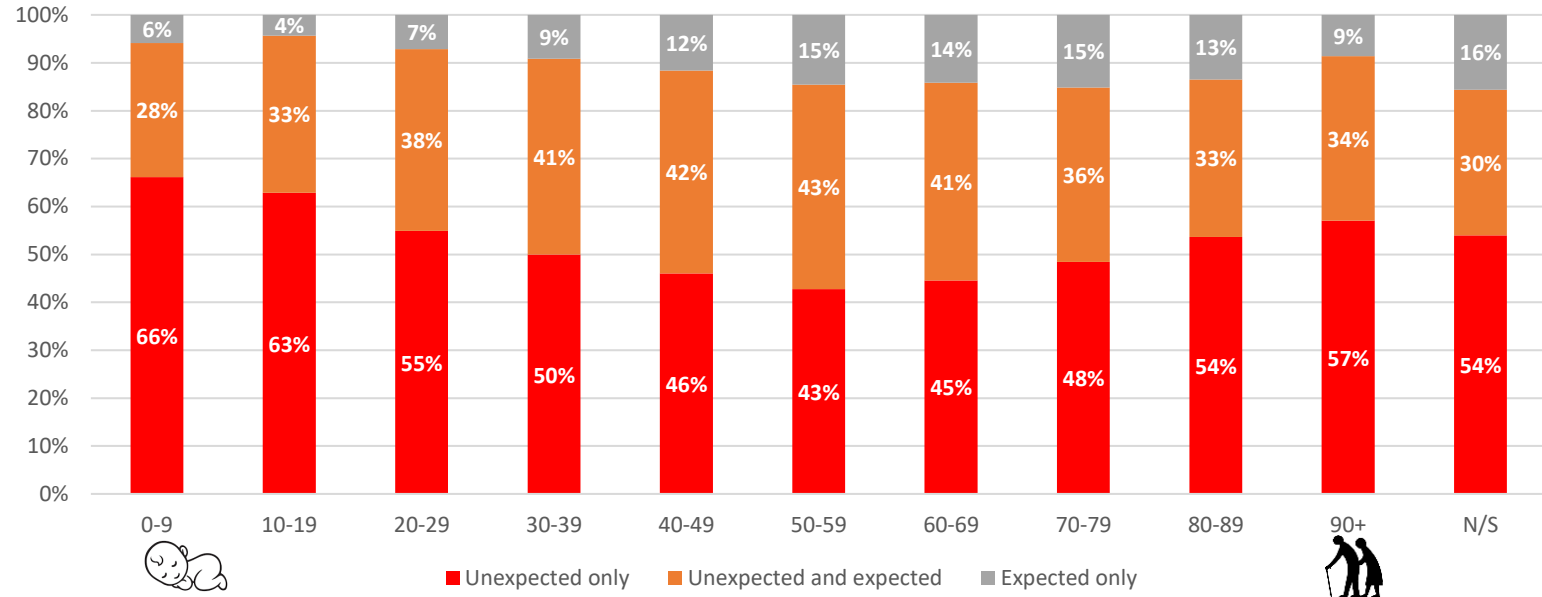
Australia and
New Zealand
By Age and Gender

11% of Males reported ONLY an 'Expected' Reaction

Male Reactions

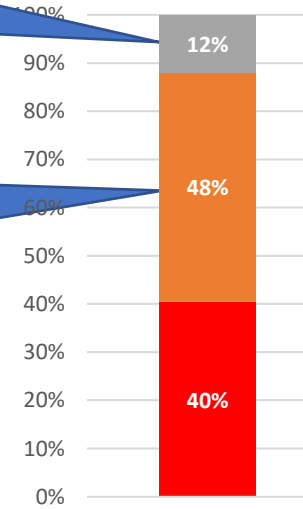


Male Reactions Reported by Age



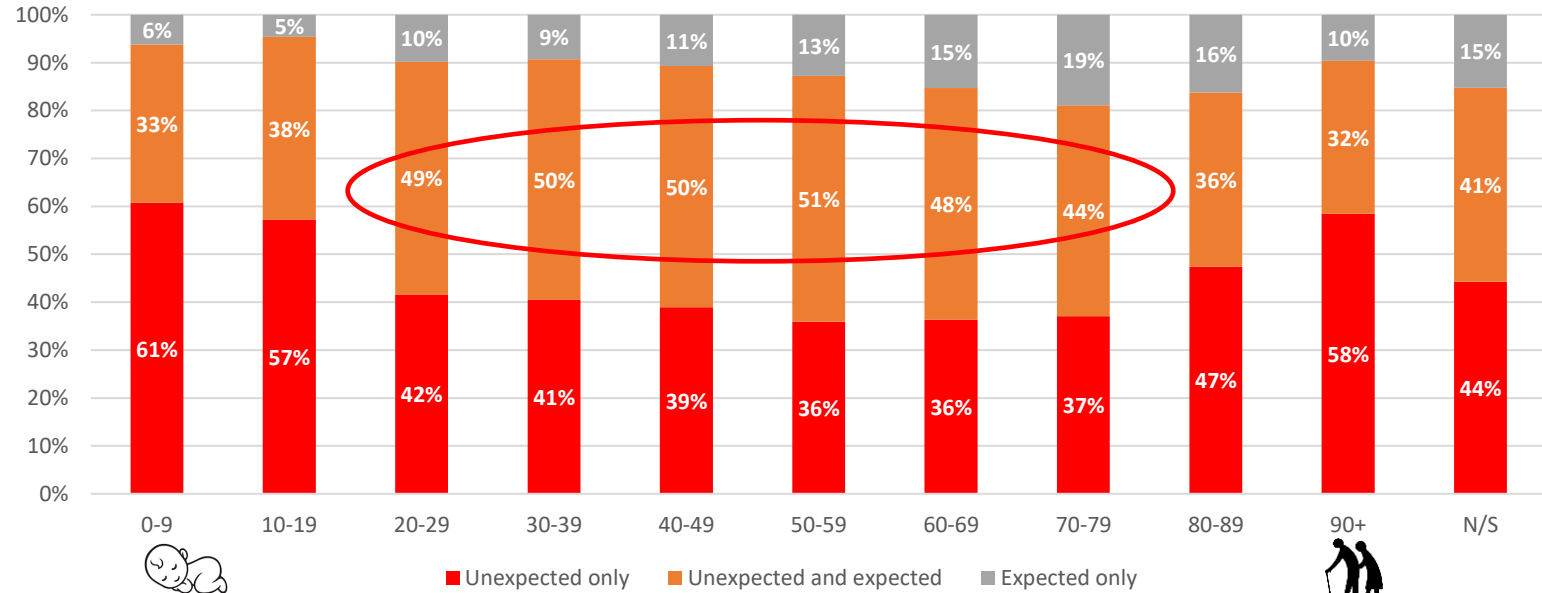
Similarly, 12% of Females reported ONLY an 'Expected' Reaction

Female Reactions



Females were more likely than Males to report both an 'Unexpected' and 'Expected' reaction

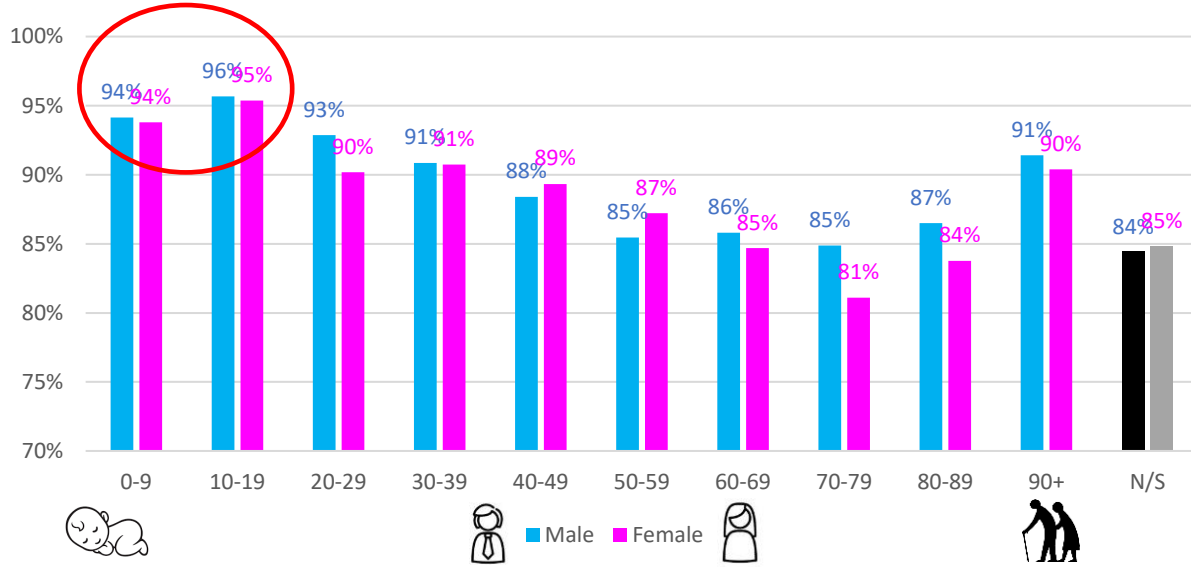
Female Reactions Reported by Age



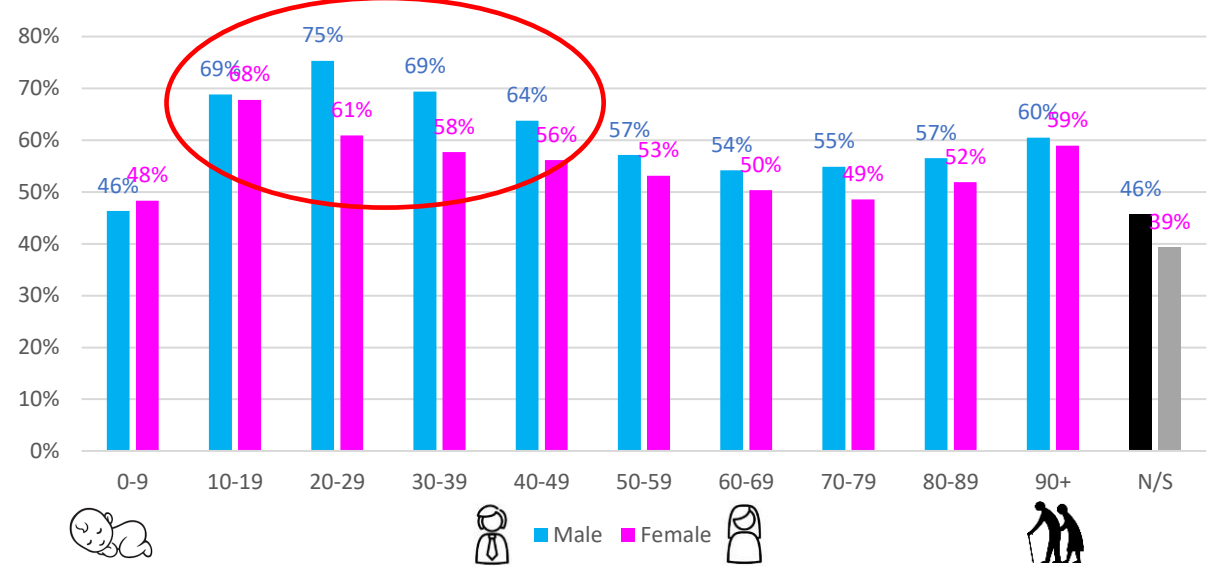
Males reported 3.0 reactions
Females reported 3.6 reactions

Workplace Risk Reactions - Unexpected

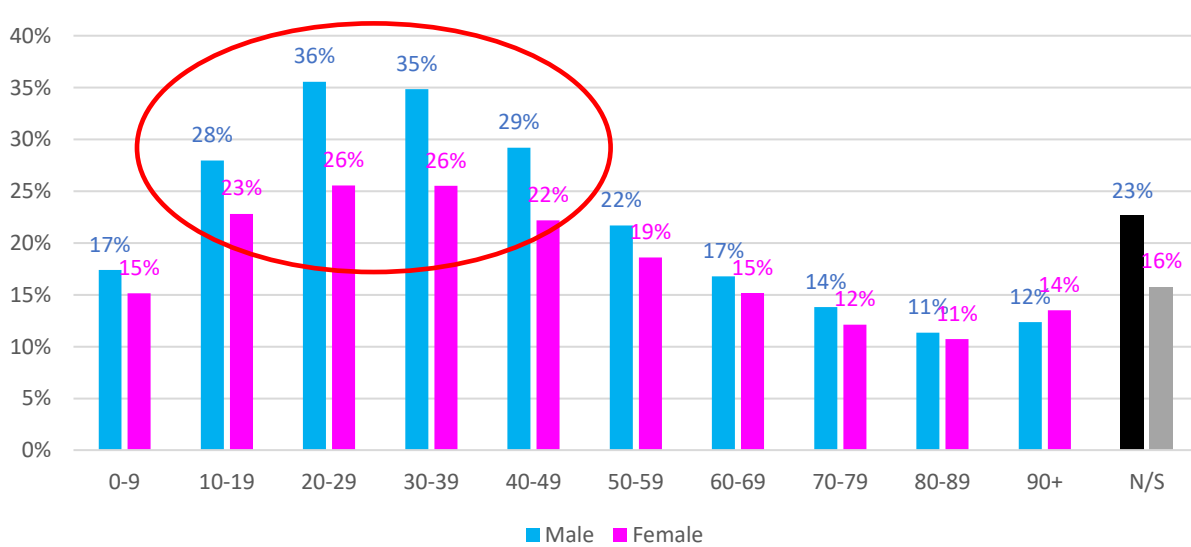
UNEXPECTED REACTIONS



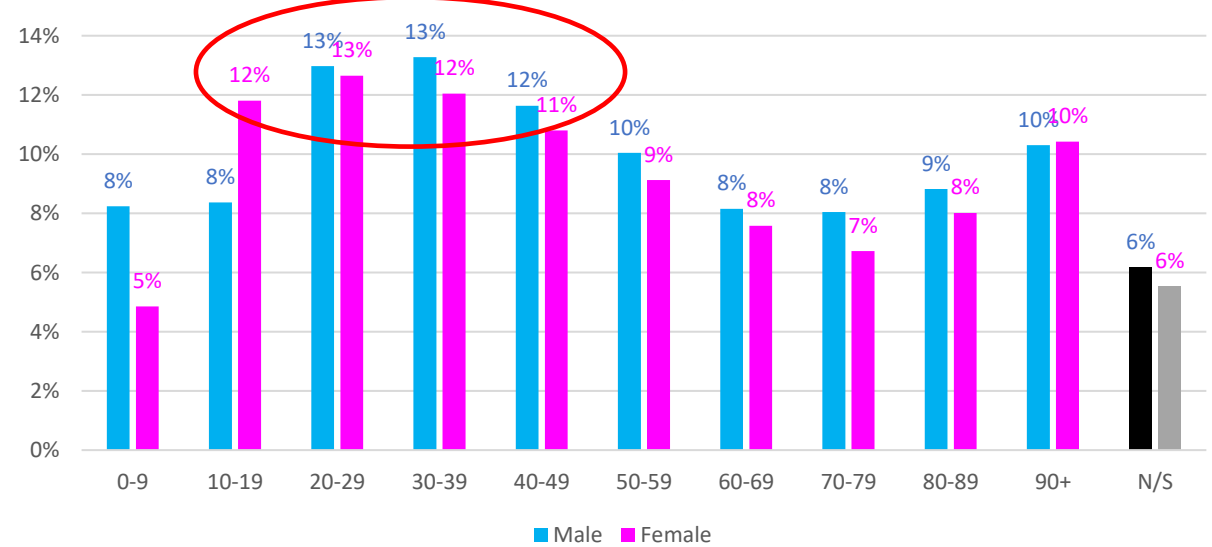
WORKPLACE RISK REACTIONS



THORACIC/ CARDIAC PULMONARY

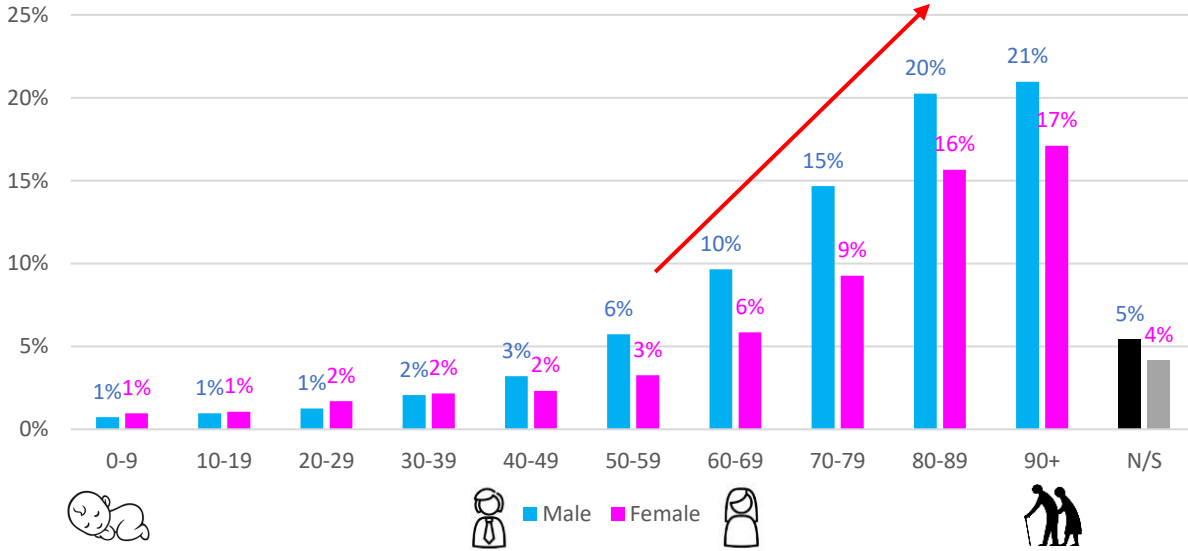


Breathing

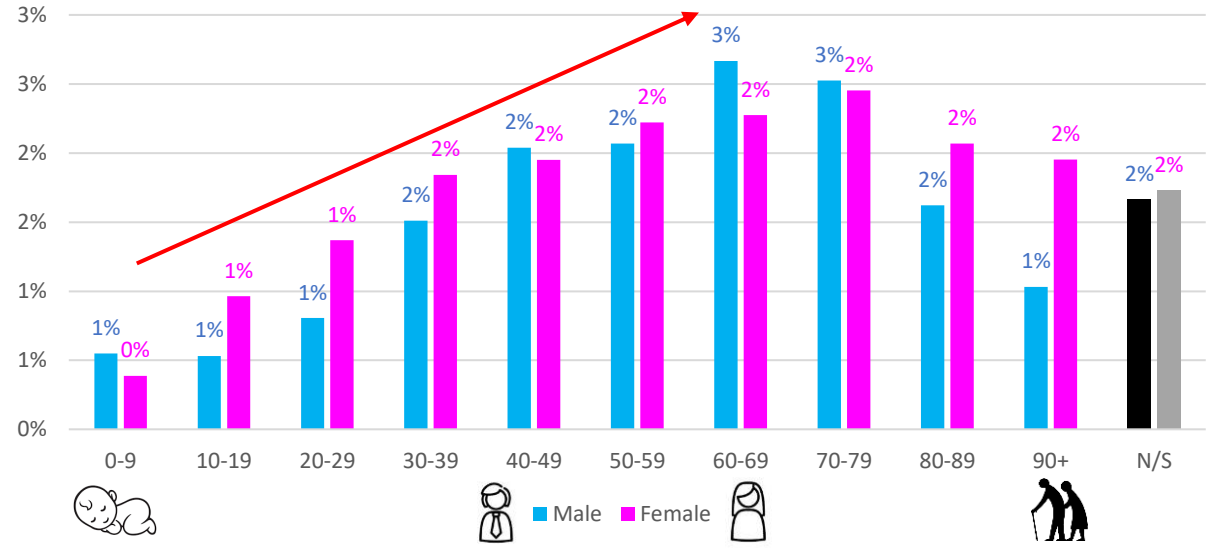


Workplace Risk Reactions - Unexpected

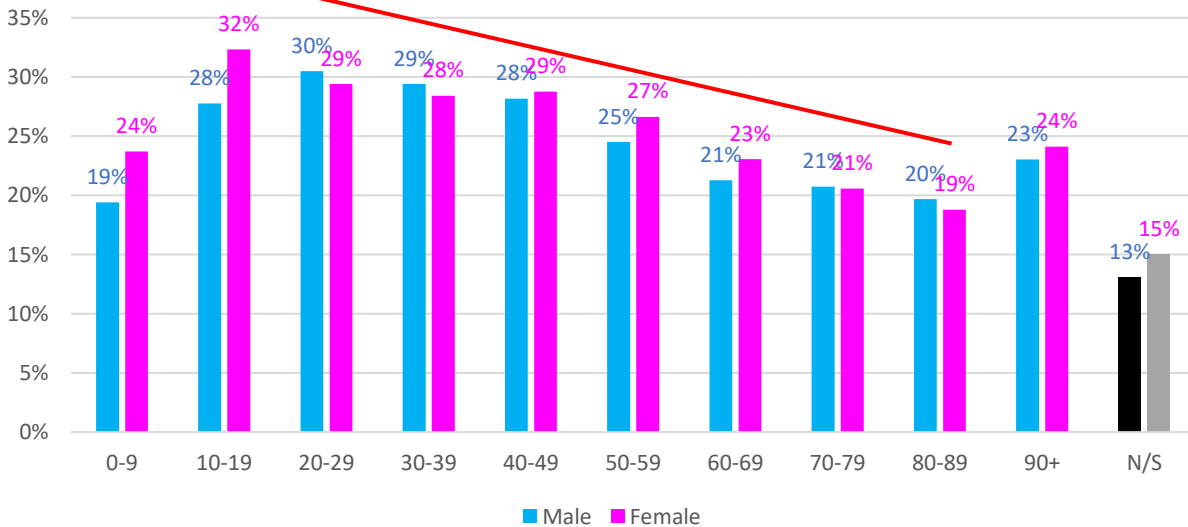
CLOTS/ STROKE/ BLOOD



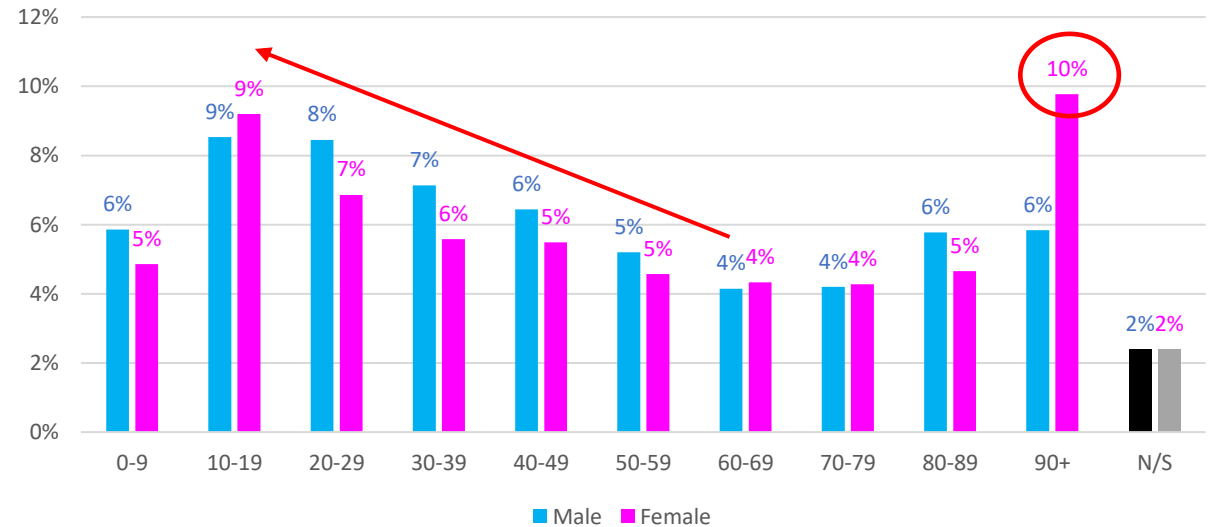
CENTRAL NERVOUS SYSTEM (Spine)



CONSCIOUSNESS/ NEUROLOGICAL (ex Headache)

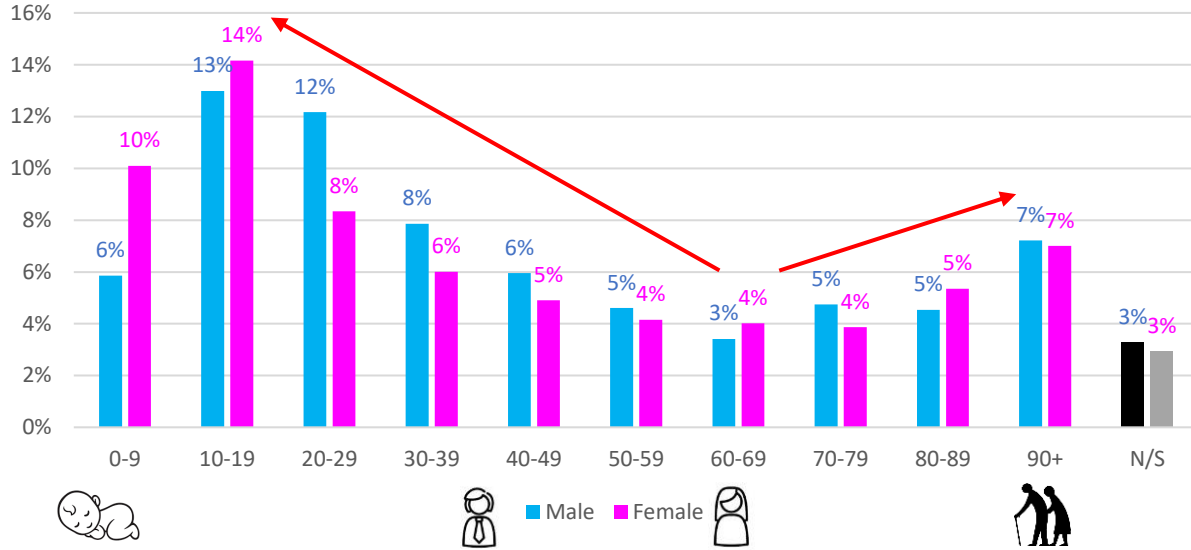


Mental Impairment

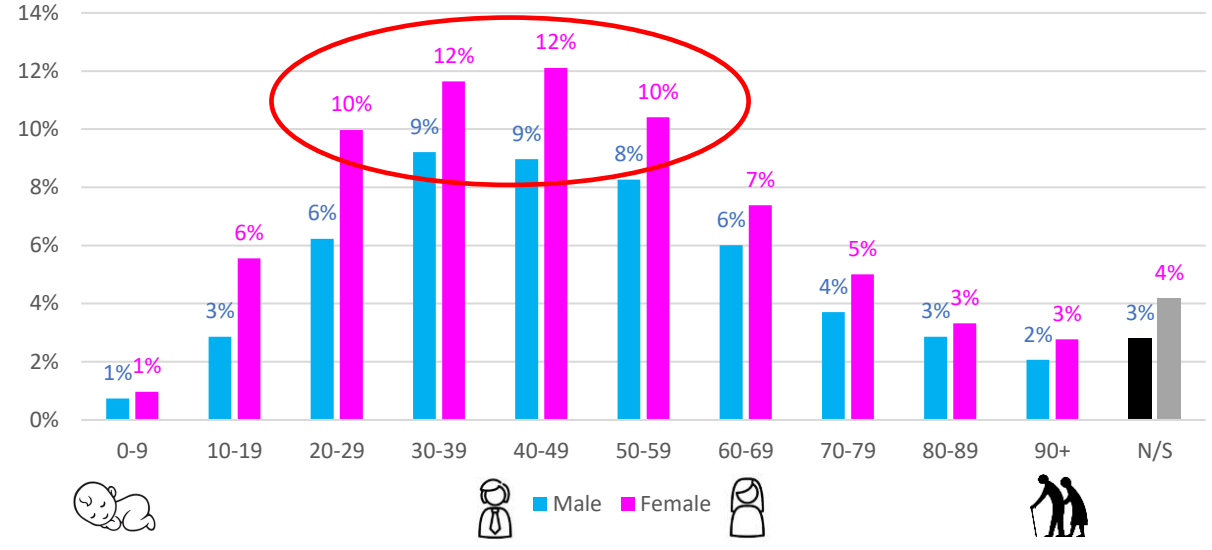


Workplace Risk Reactions - Unexpected

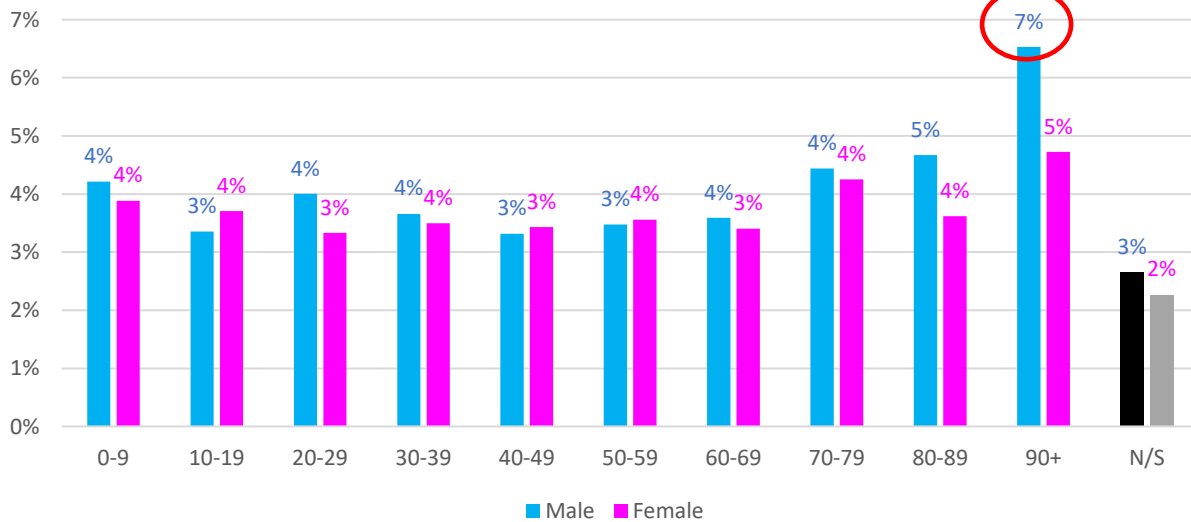
Balance/ consciousness



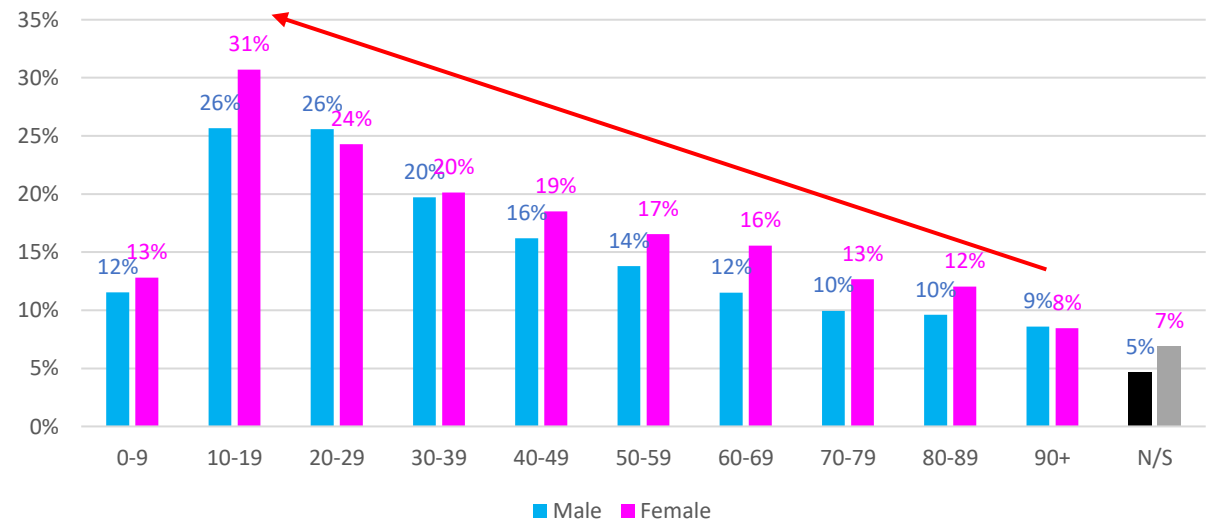
Numbness



Seizure

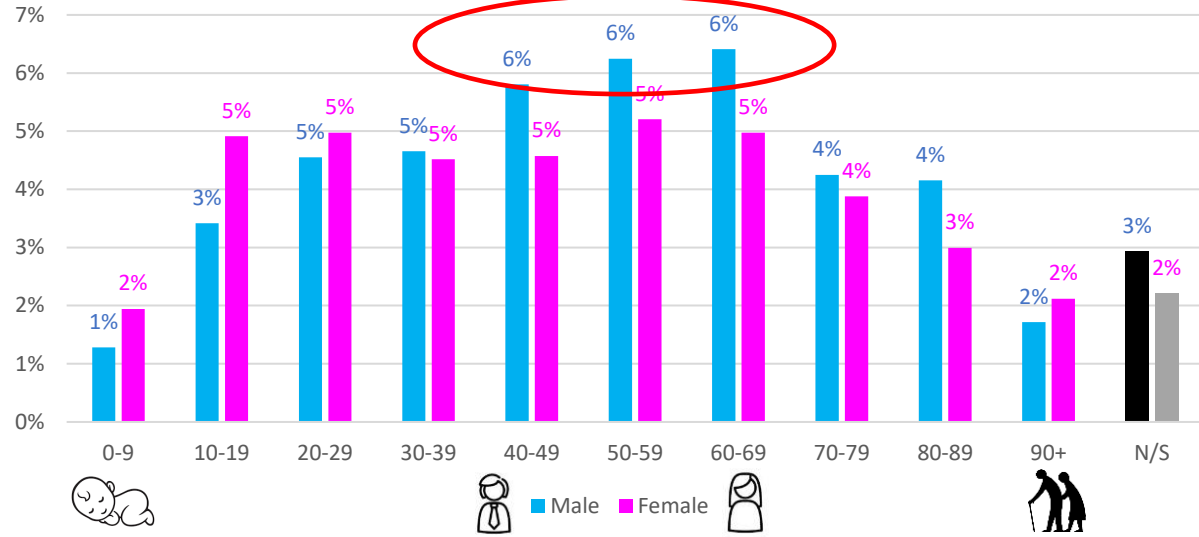


Vertigo

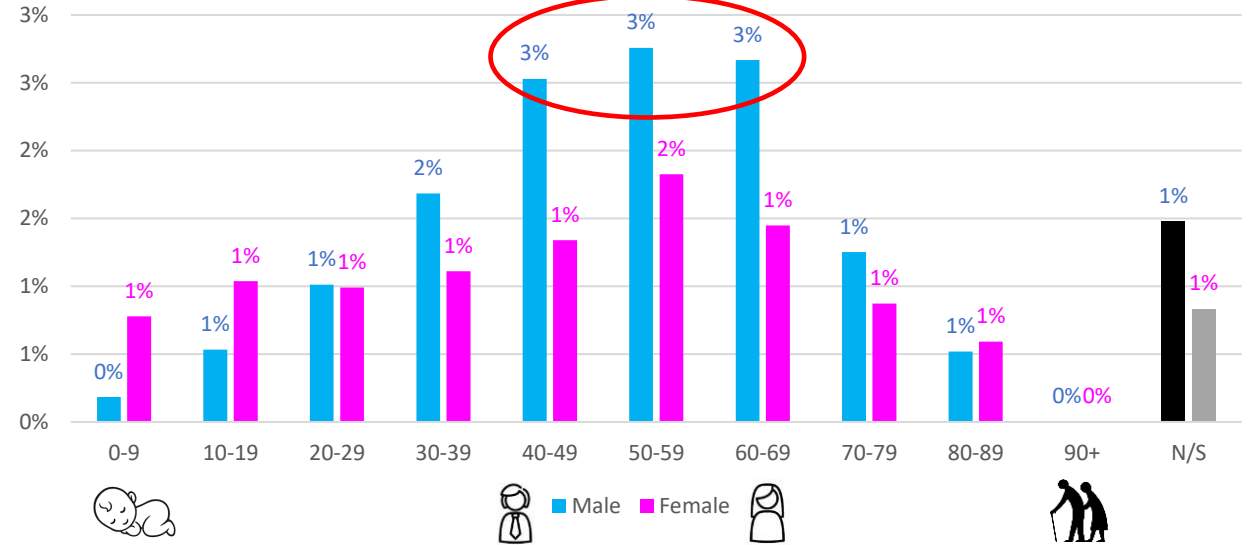


Workplace Risk Reactions - Unexpected

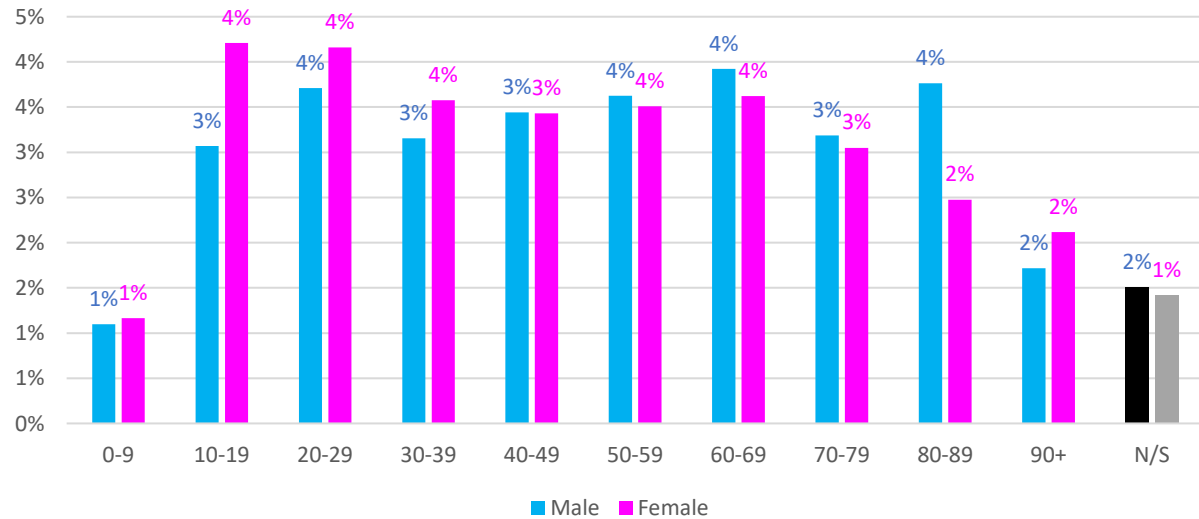
HEARING/ VISION



Deafness

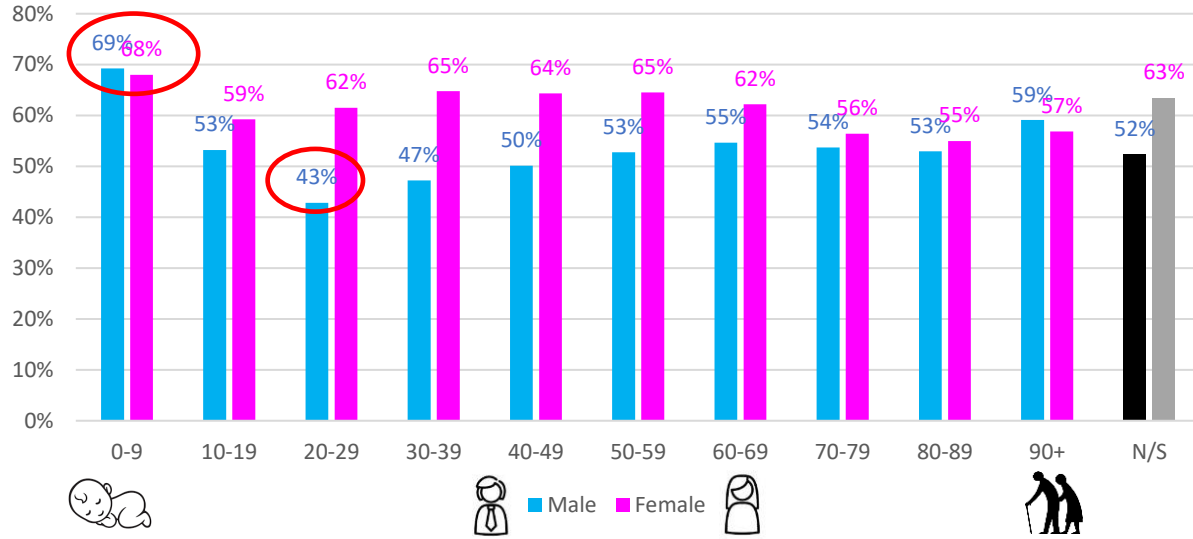


Vision

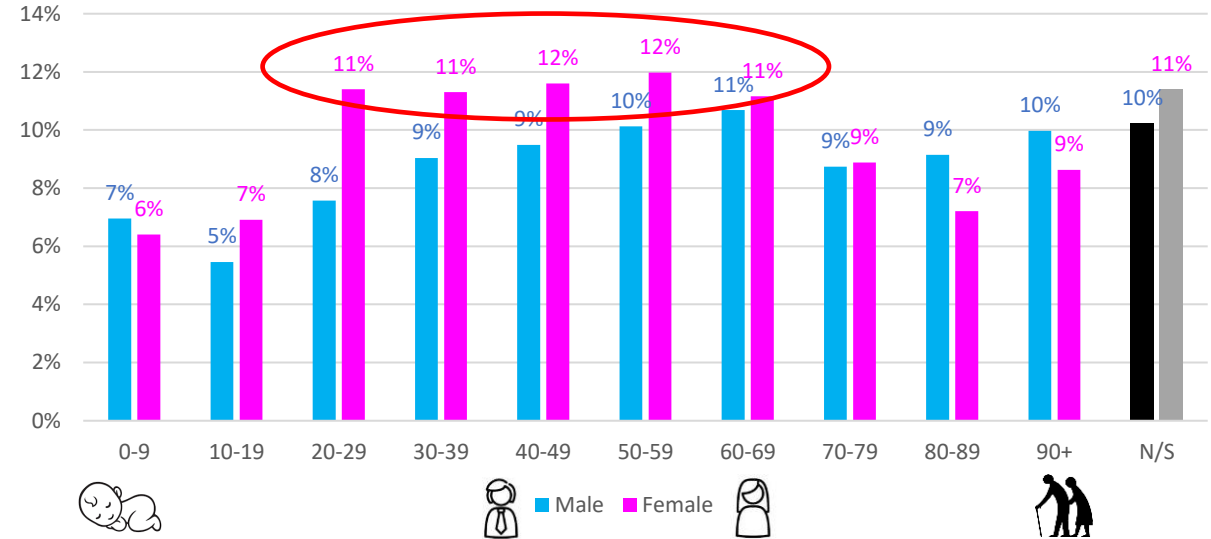


Other Unexpected Reactions

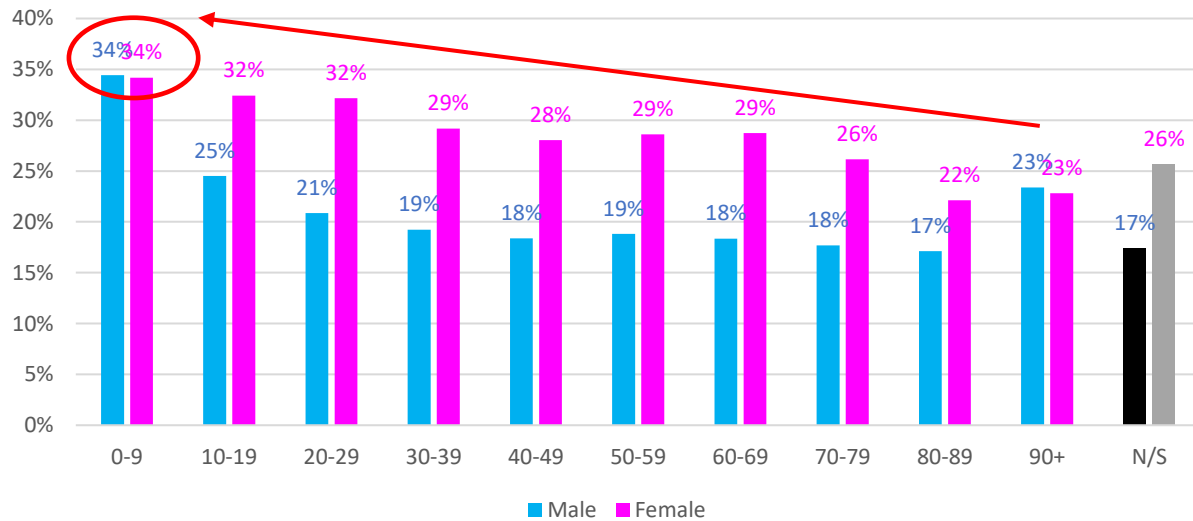
OTHER UNEXPECTED REACTIONS



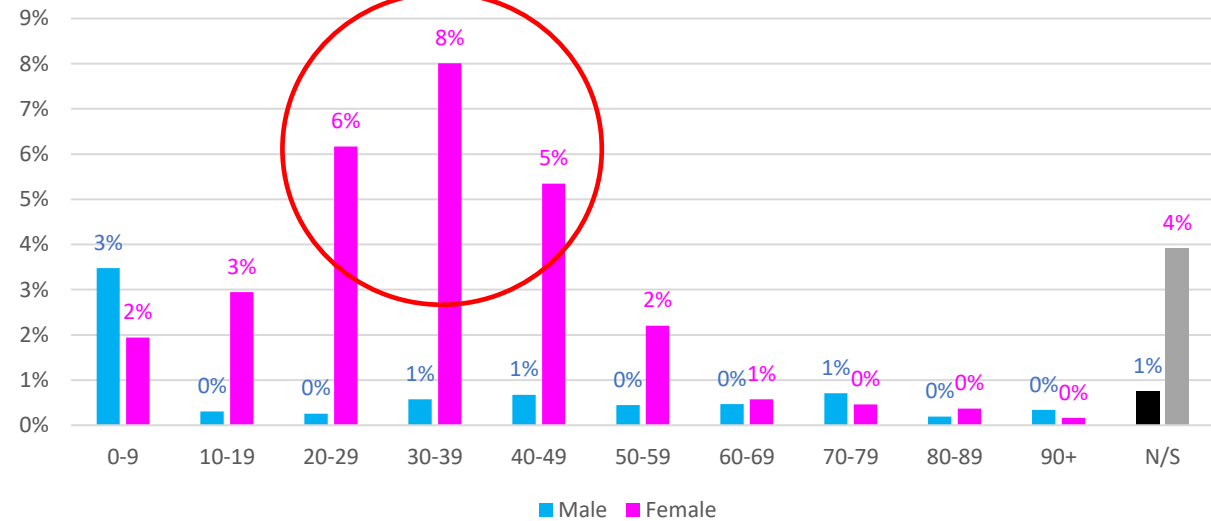
RESPIRATORY TRACT



GASTROINTESTINAL DISORDERS

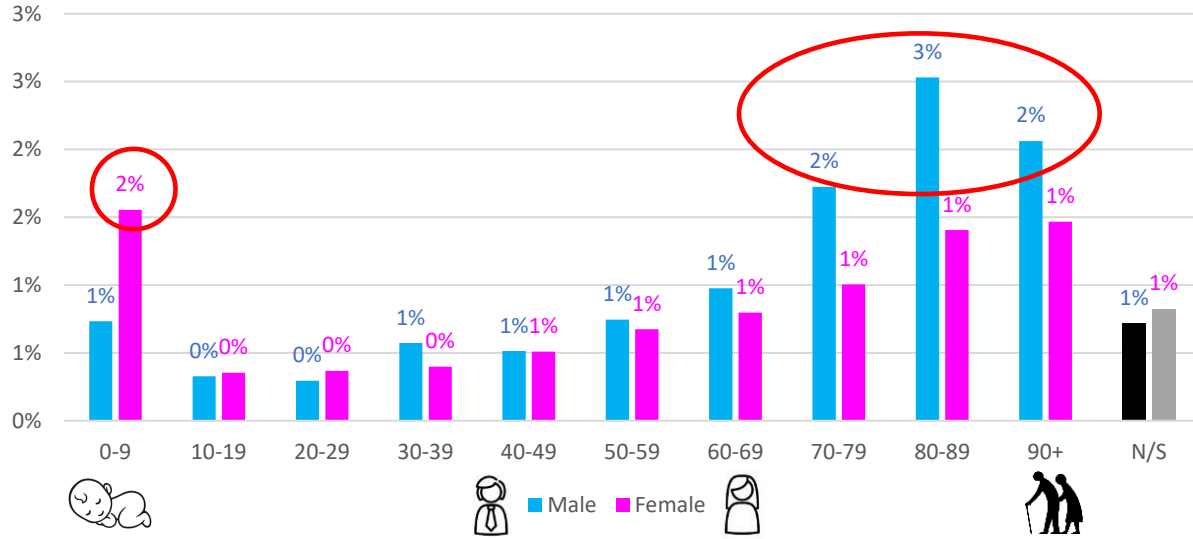


REPRODUCTIVE

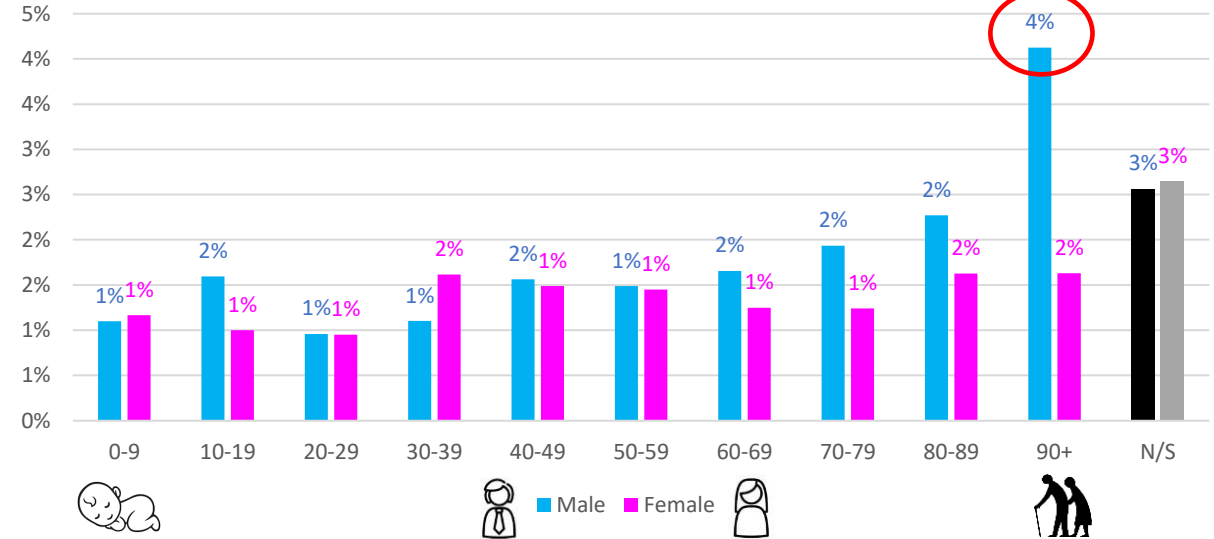


Other Unexpected Reactions

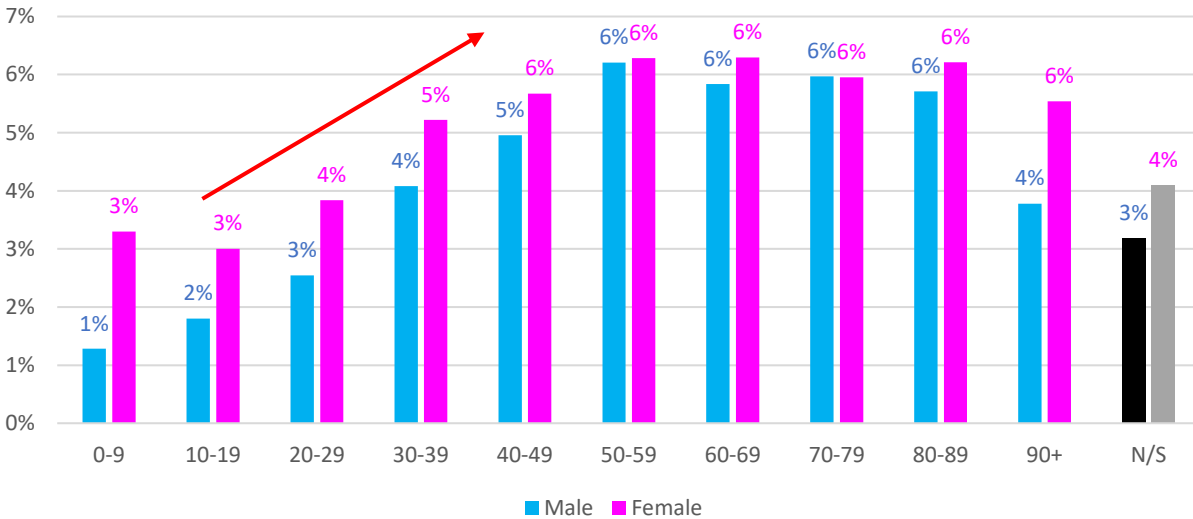
URINARY TRACT



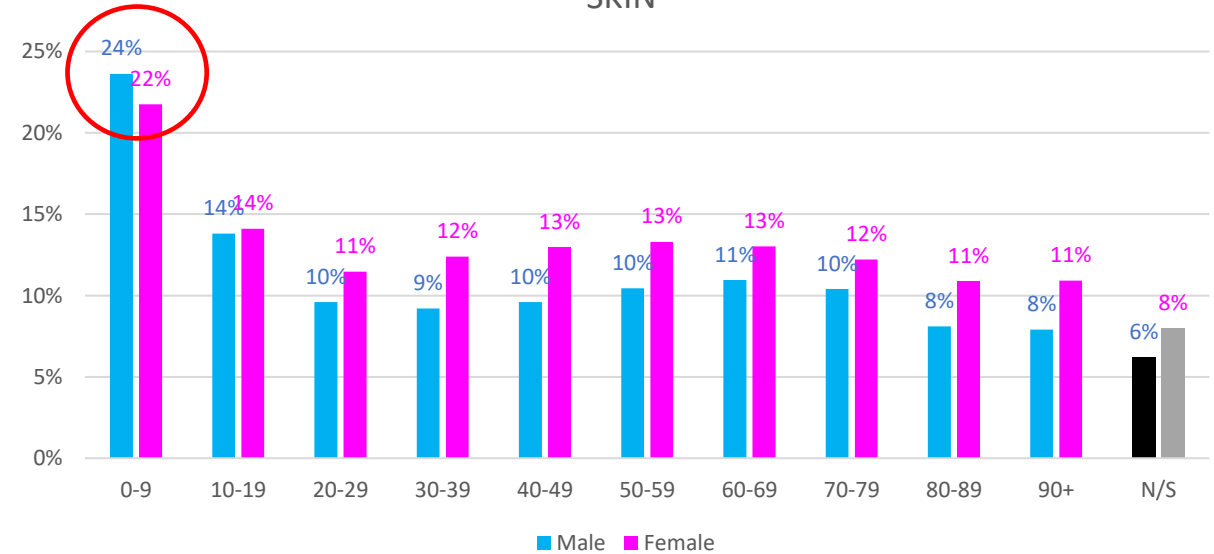
ORGANS/ GLANDS



EXTREMITIES

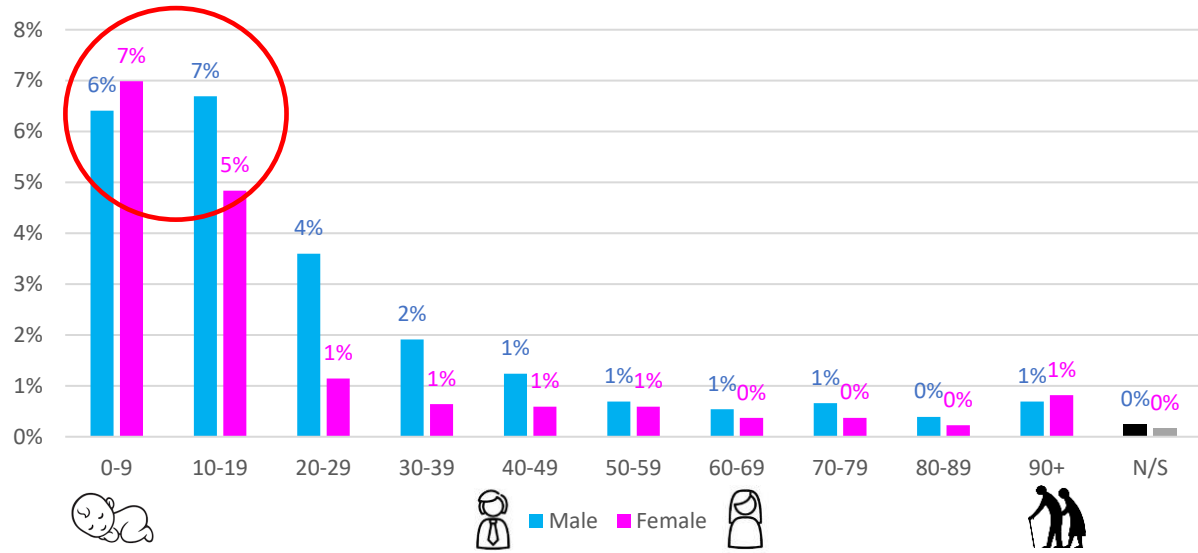


SKIN

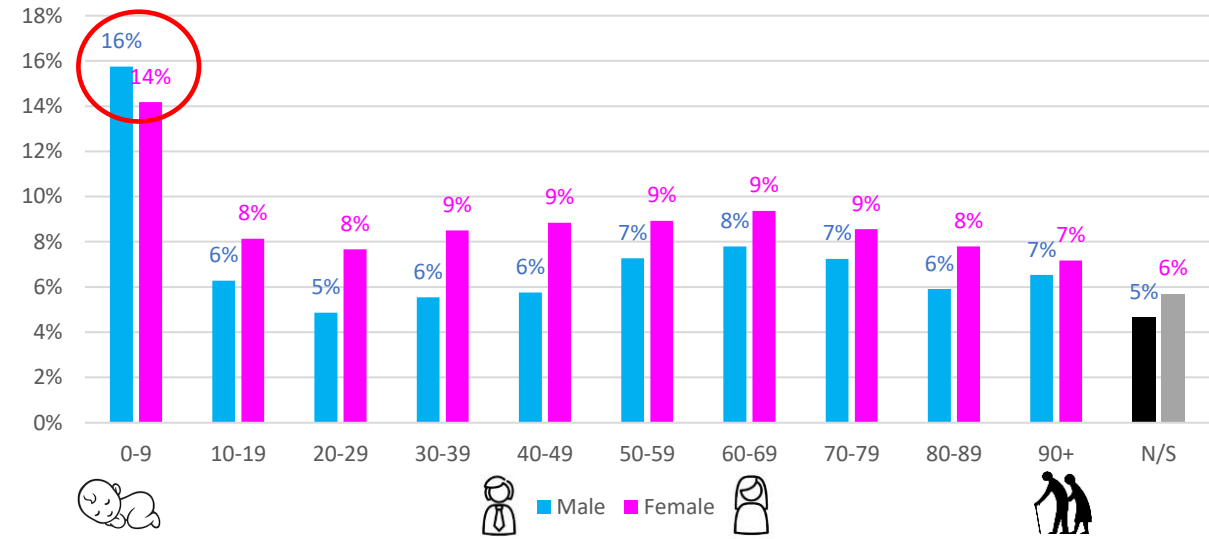


Other Unexpected Reactions

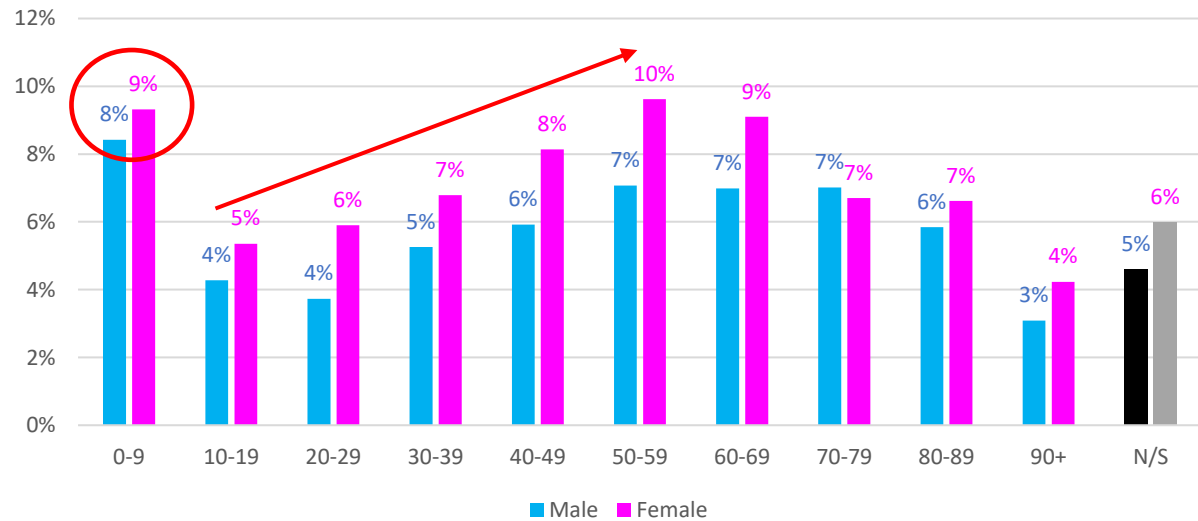
Pallor



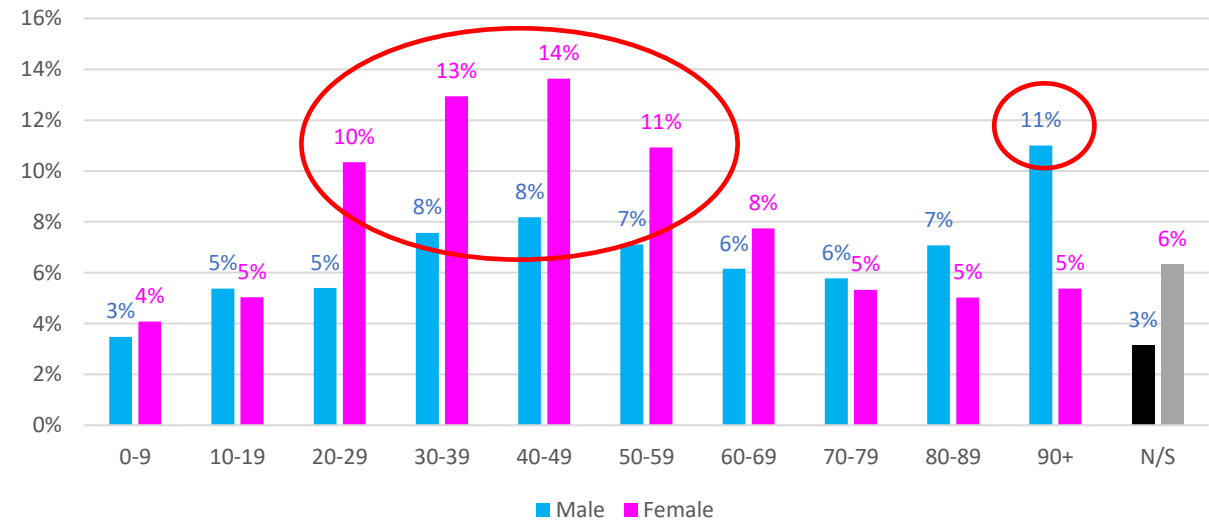
Rash



FACE/ EYES/ EARS/ MOUTH/ NOSE

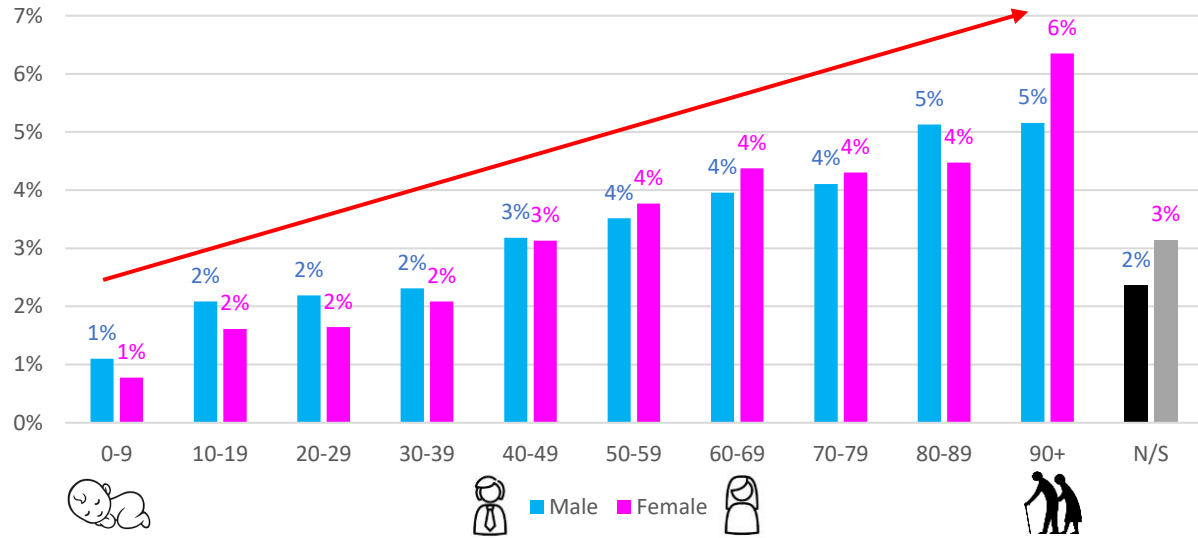


AUTOIMMUNE SYMPTOMS

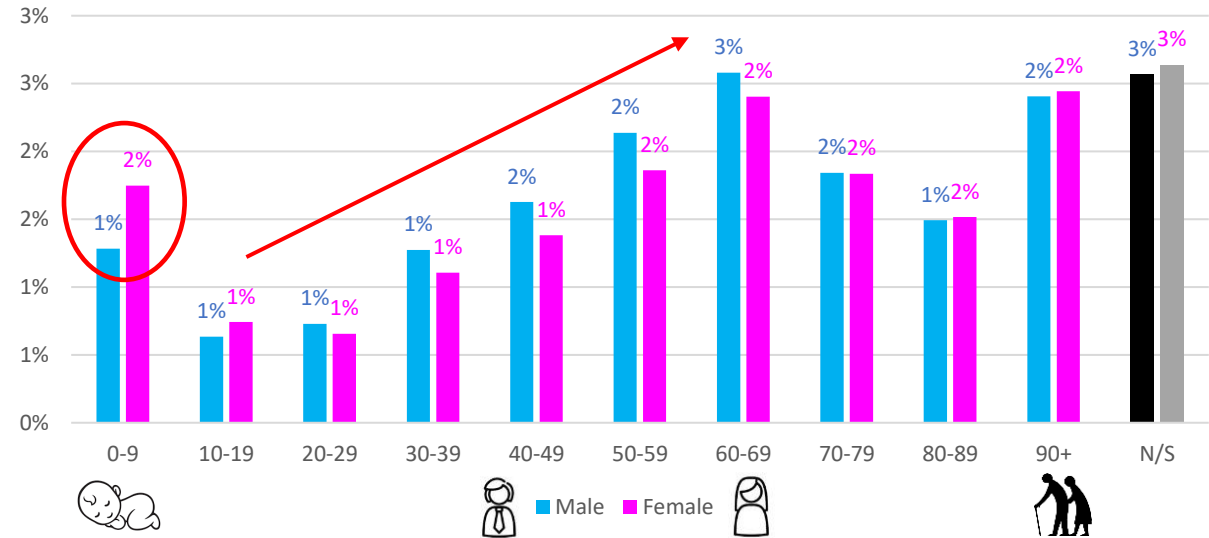


Other Unexpected Reactions

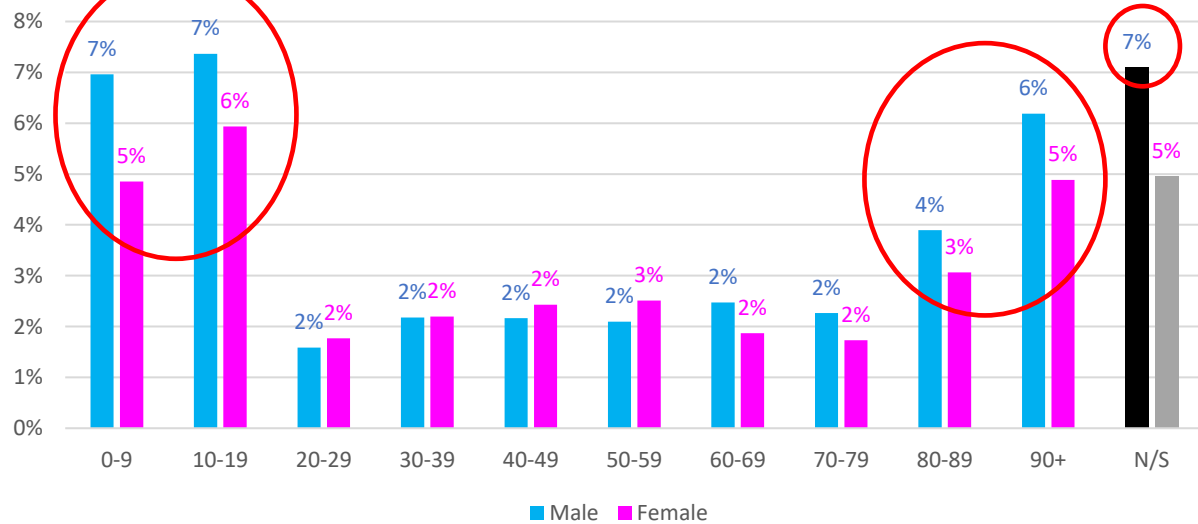
BLOOD PRESSURE/ BLOODS



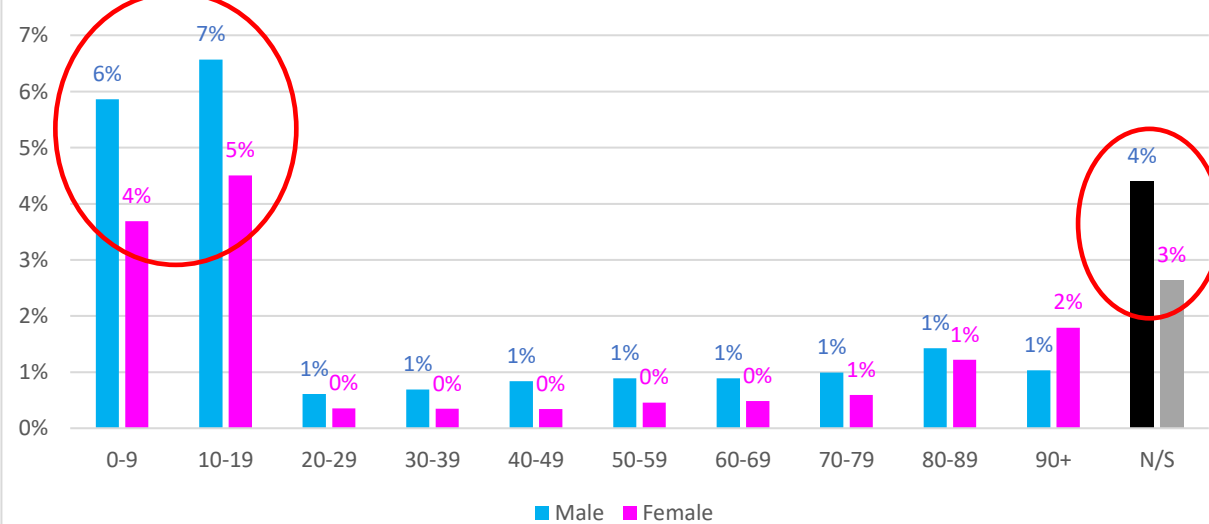
INFECTION



REACTION (ex Injection Site)



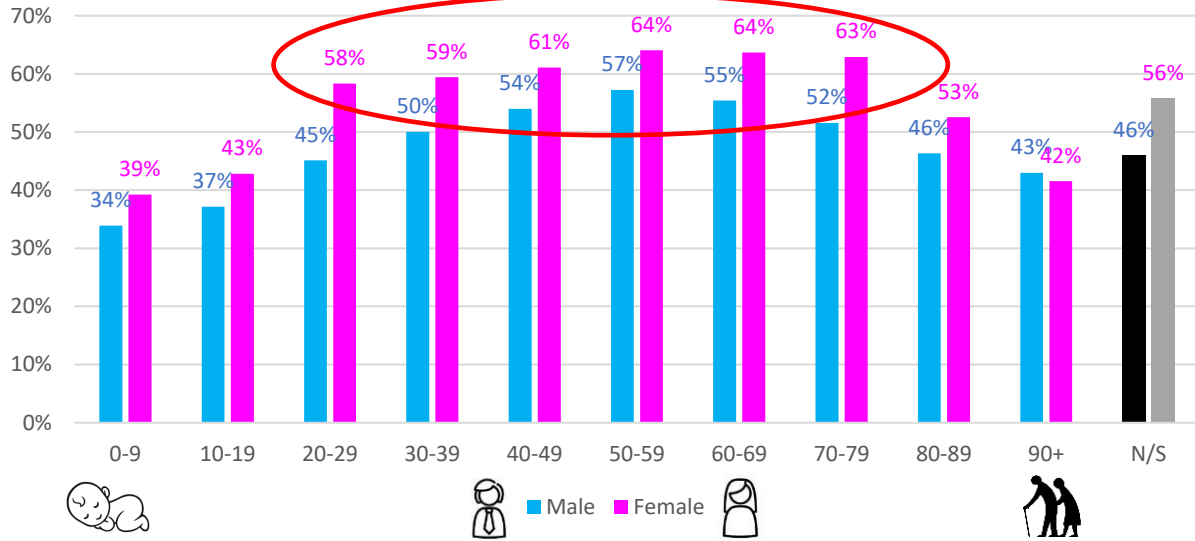
Error (injection administration)



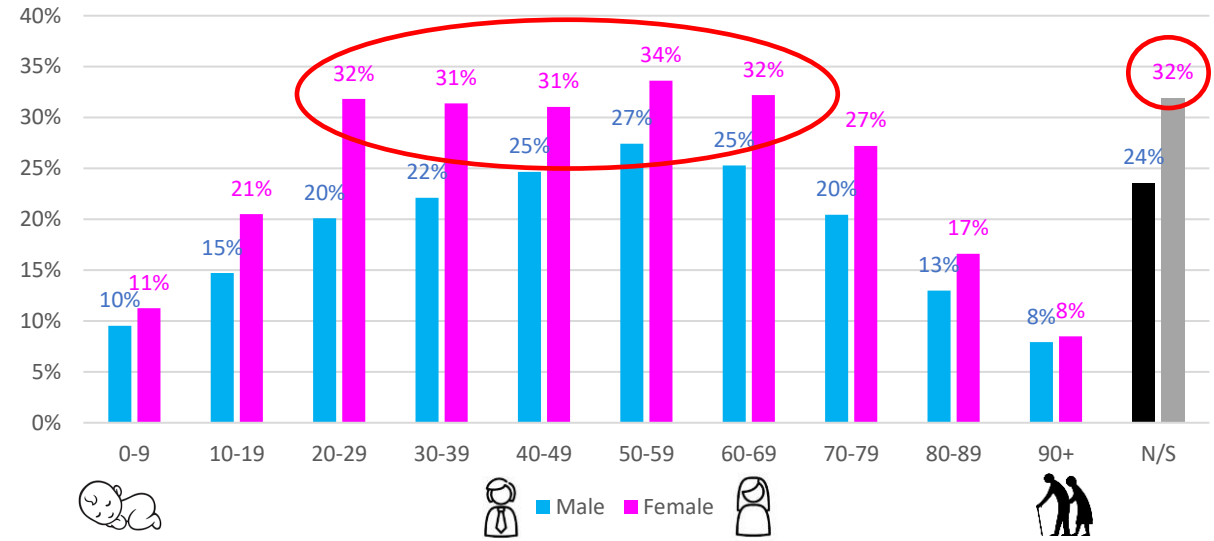
0% = < 0.5%

Expected Reactions

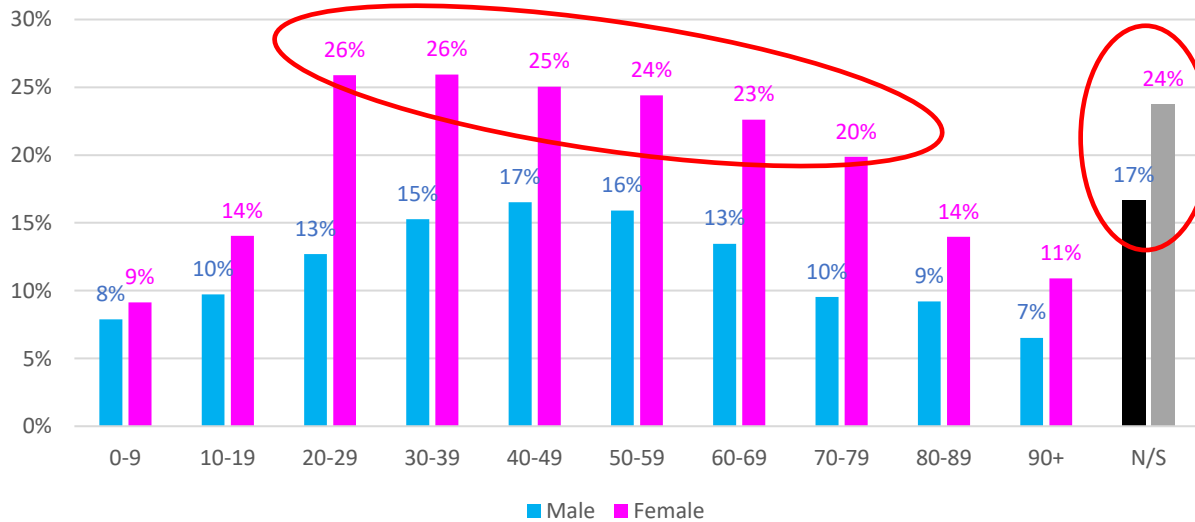
EXPECTED REACTIONS



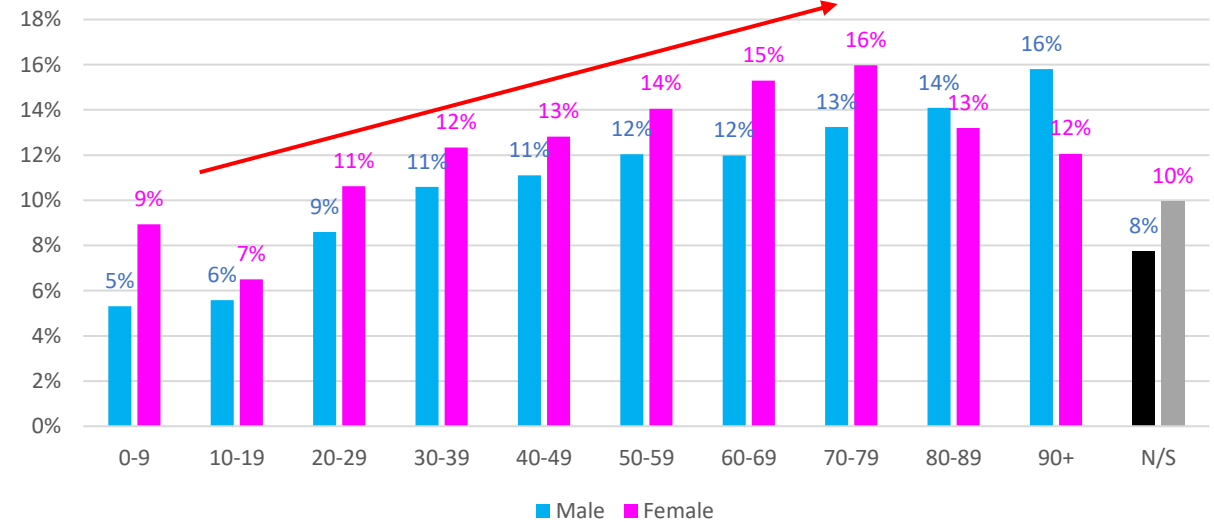
Neurological - Headache



Injection Site

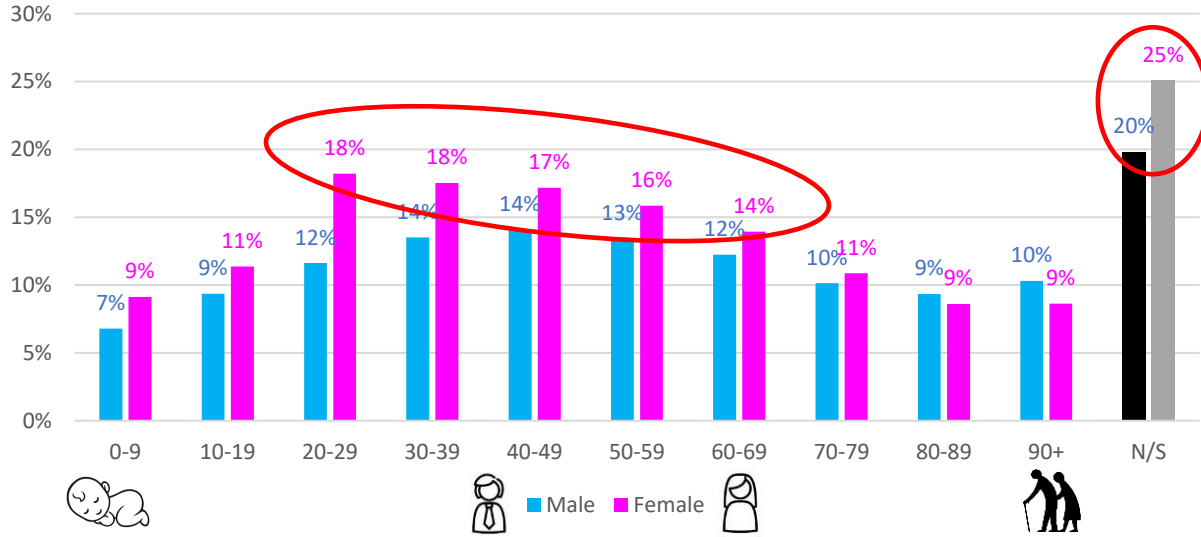


Fatigue

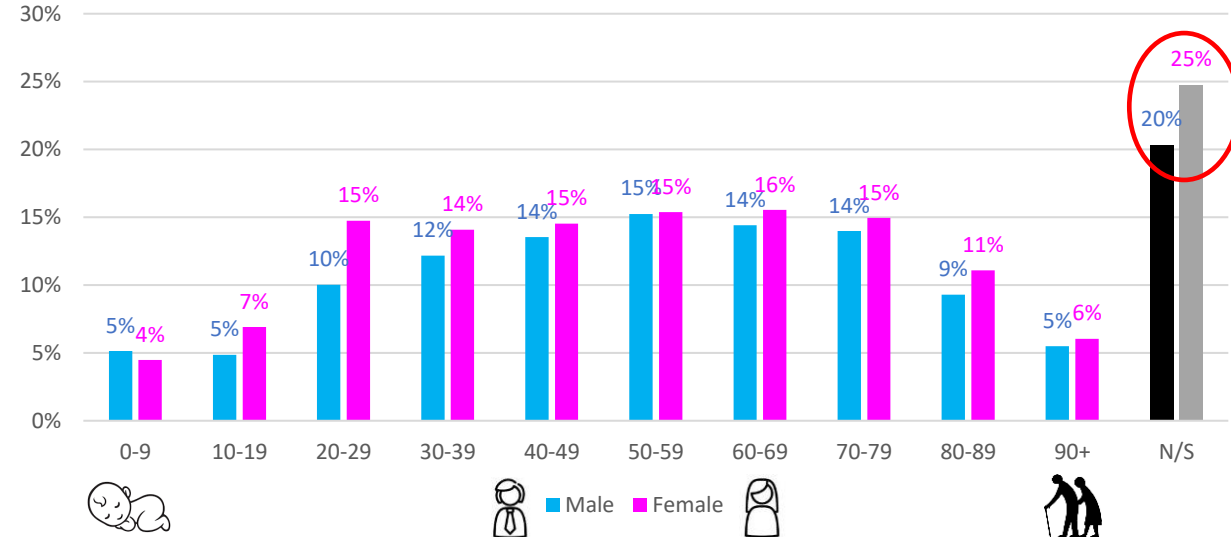


Expected Reactions

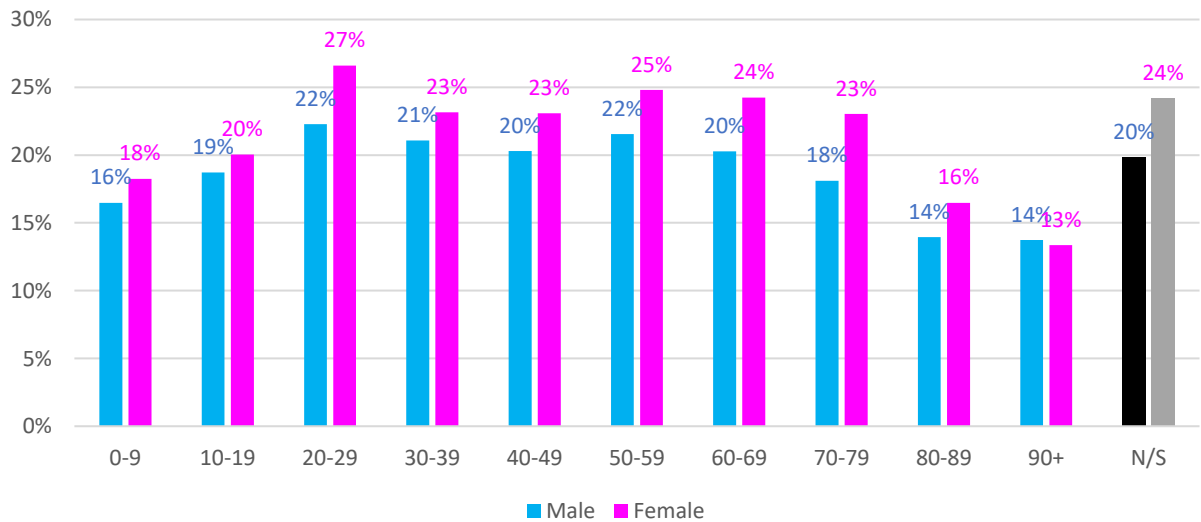
Lethargy



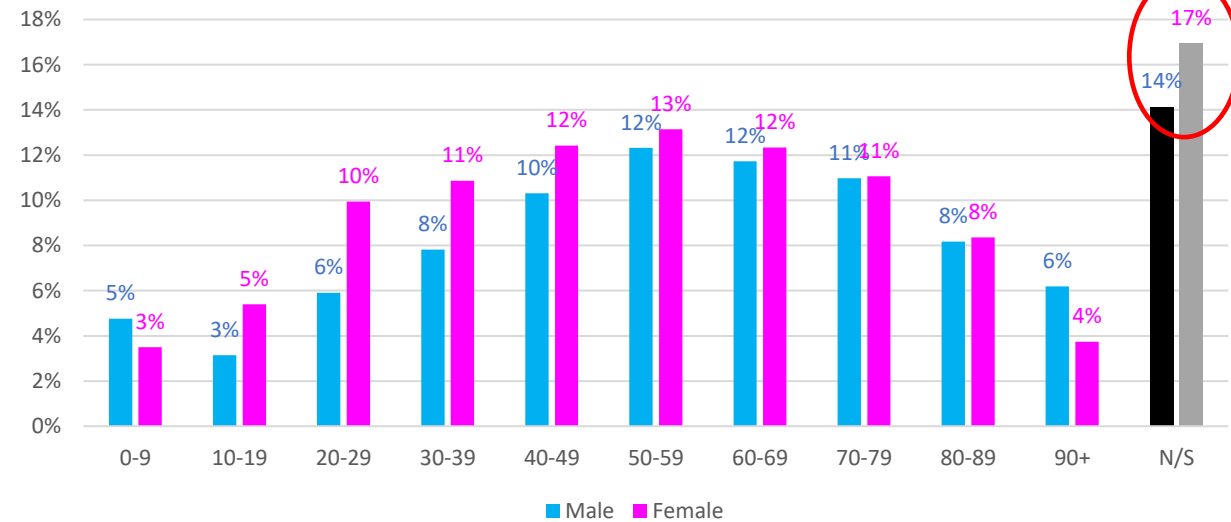
MUSCLES/ SKELETON



TEMPERATURE



PAIN/ SWELLING (general)

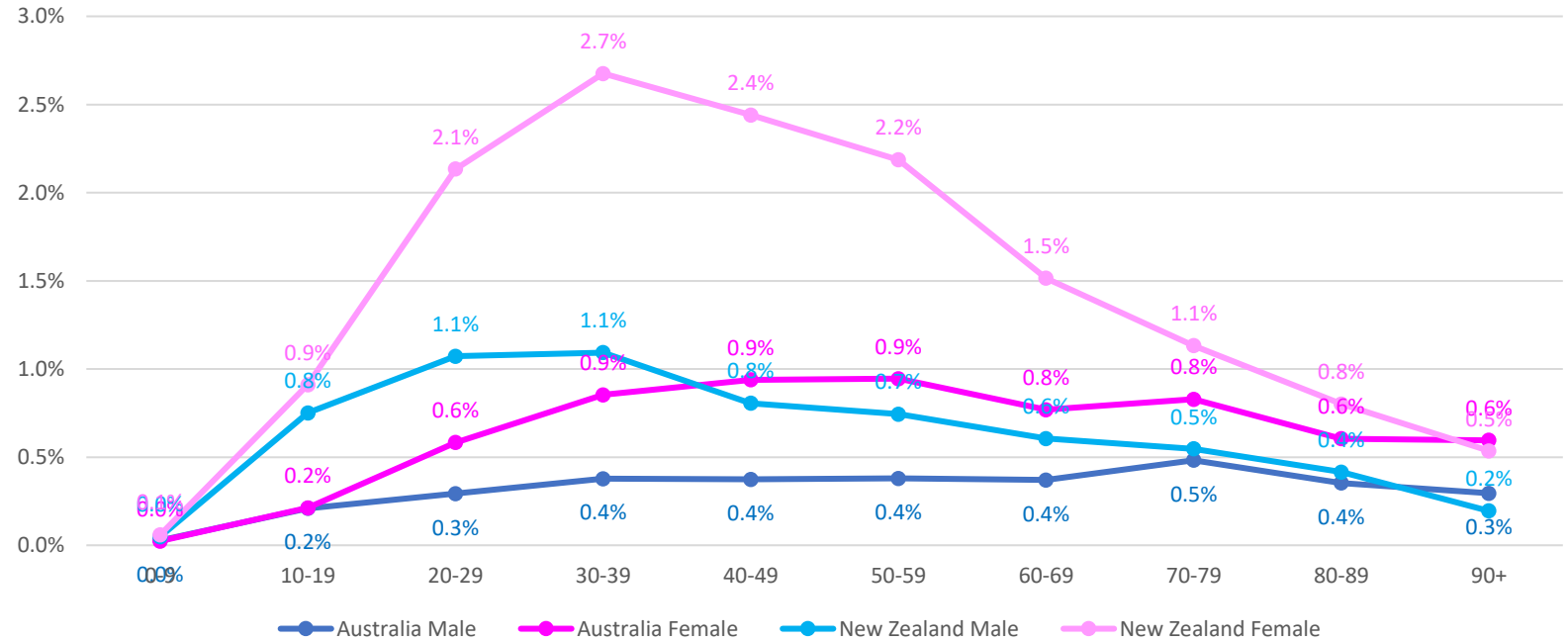


Adverse Reaction Reports by Population

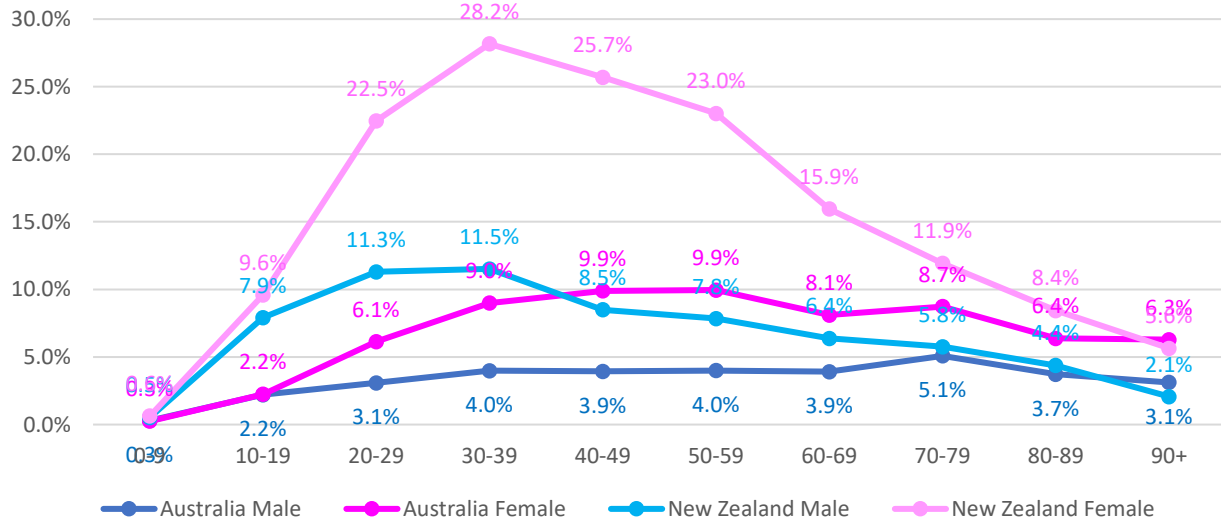
Australia	
Total Adverse Events Reports	122,580
~ Population	26,000,000

New Zealand	
Total Adverse Events Reports	58,229
~ Population	4,900,000

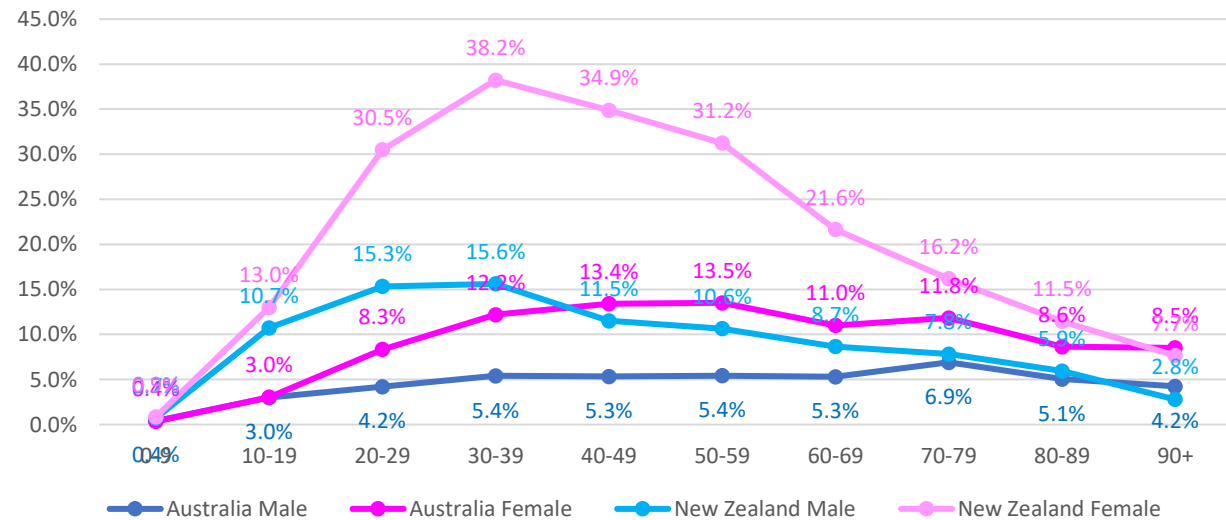
Proportion of Total Population Reports of Adverse Events



Proportion of Total Population Reports of Adverse Events
Reporting rate = 10% Covid-19 Vaccination rate = 95%



Proportion of Total Population Reports of Adverse Events
Reporting rate = 10% Covid-19 Vaccination rate = 70%

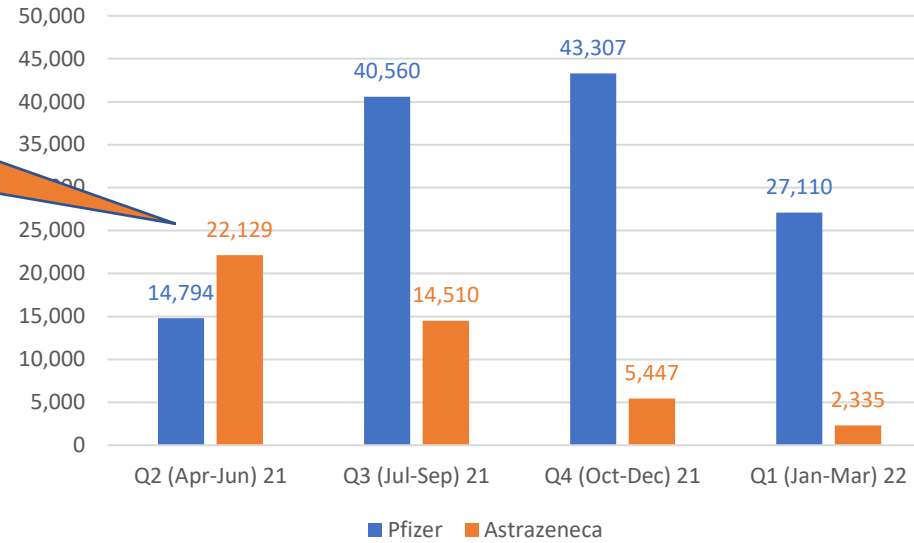


Pfizer

Vs

Astrazeneca

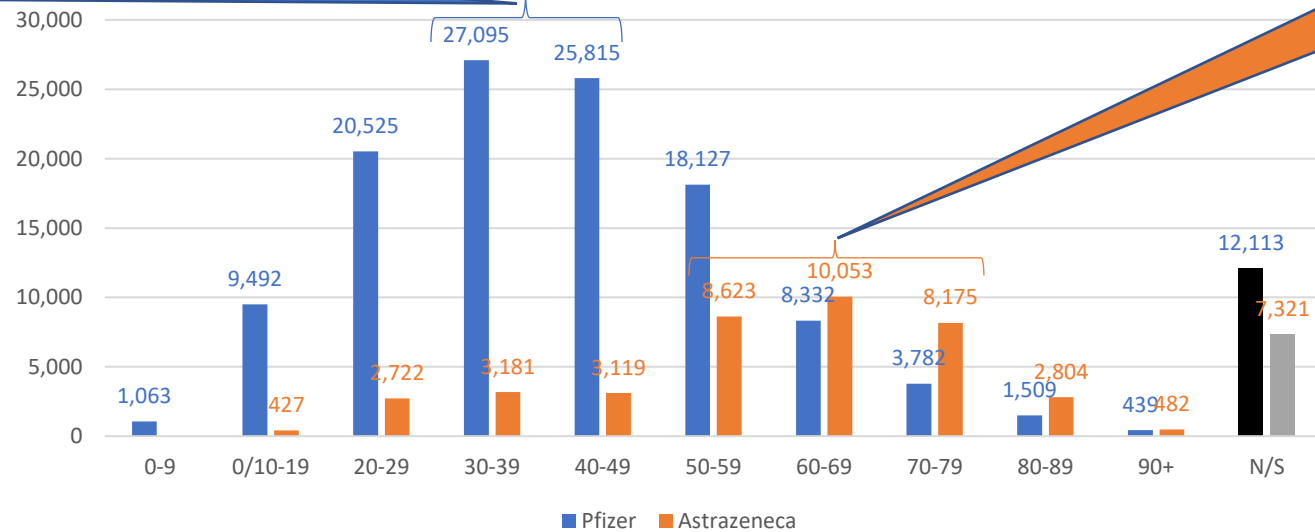
Reports for Covid-19 Medicines Over Time



Half (50%) of reports related to AstraZeneca were made from Apr-Jun 2021.

41% of reports related to Pfizer were made by 30-49 year olds (27% of population)

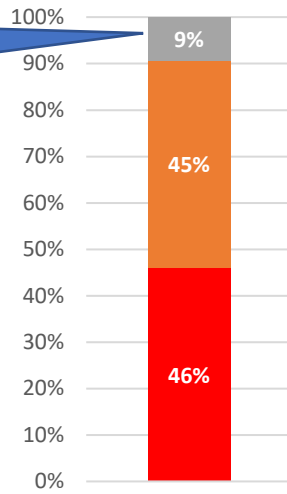
Reports for Covid-19 Medicines by Age



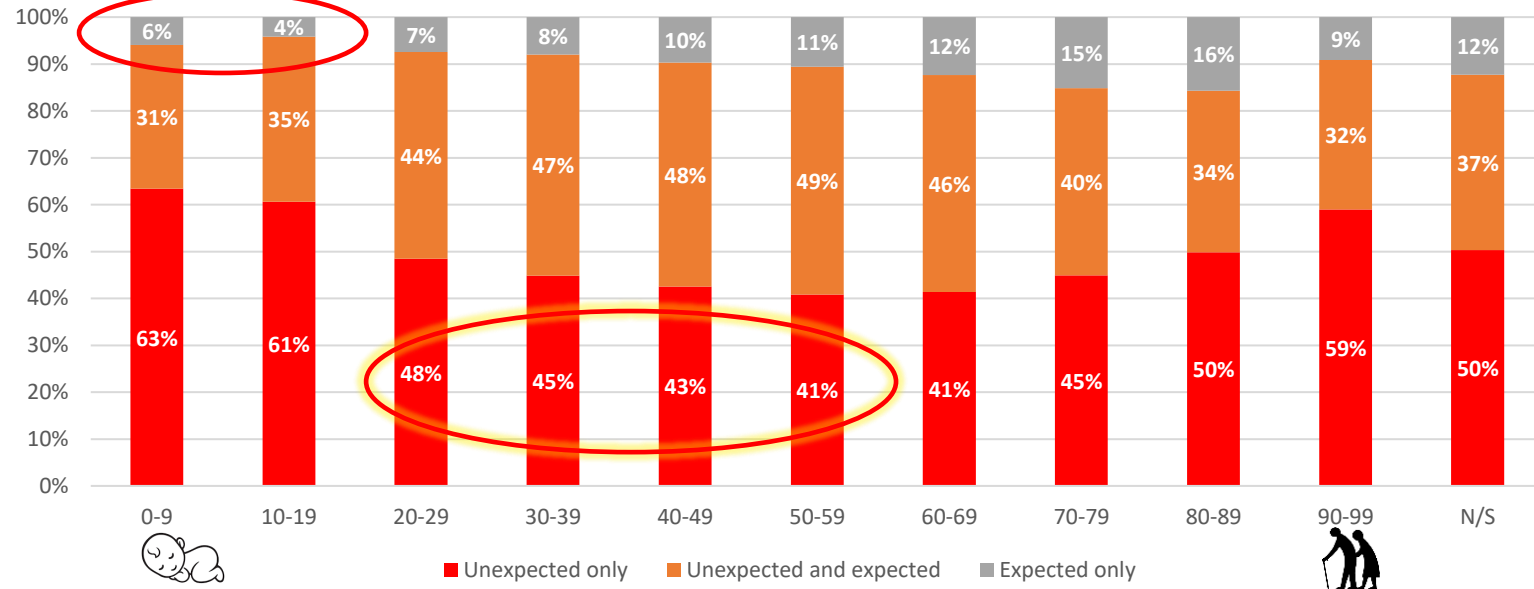
Over half (57%) of reports related to AstraZeneca were made by 50-79 year olds (30% of population)

9% of Reaction Reports for Pfizer reported ONLY an 'Expected' Reaction

Pfizer Reactions

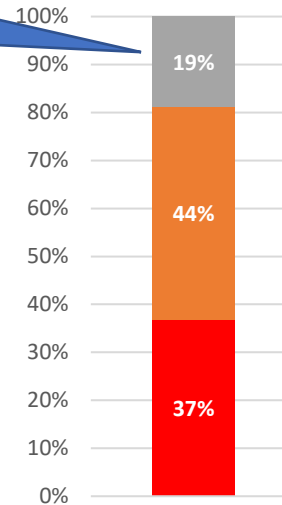


Pfizer Reactions Reported by Age

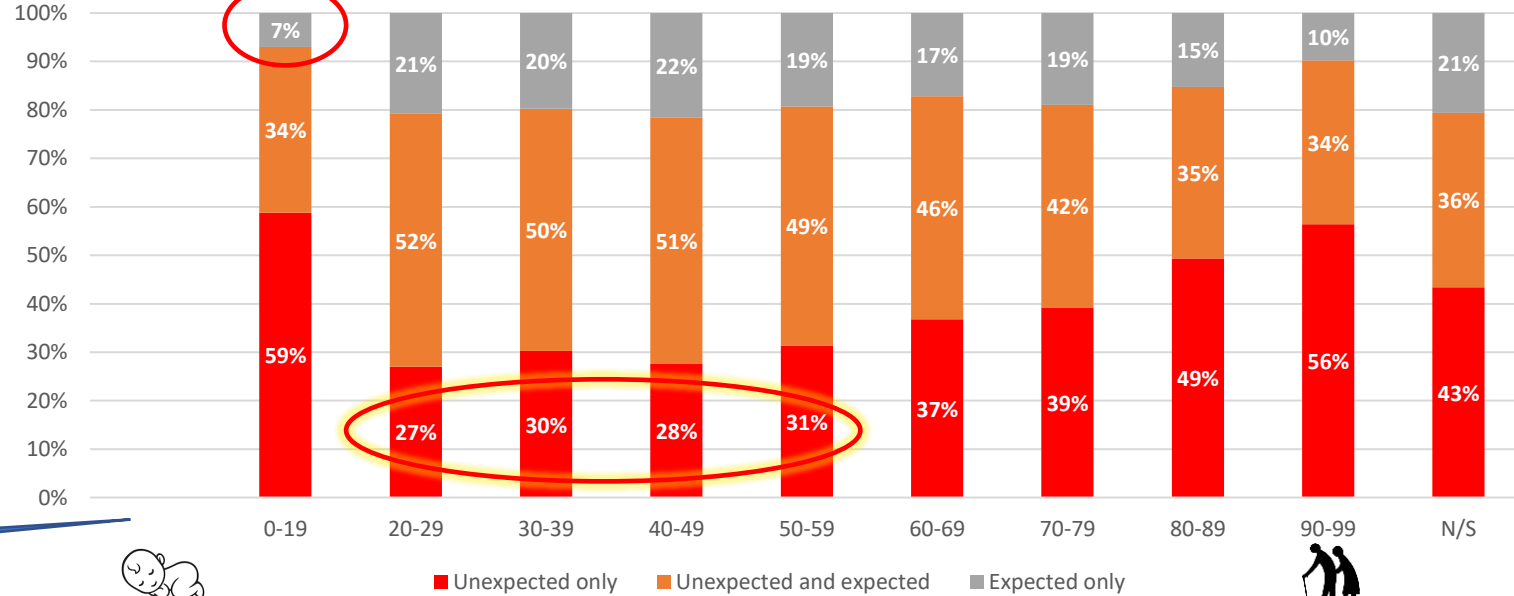


19% of Reaction Reports for AstraZeneca reported ONLY an 'Expected' Reaction

Astra Reactions

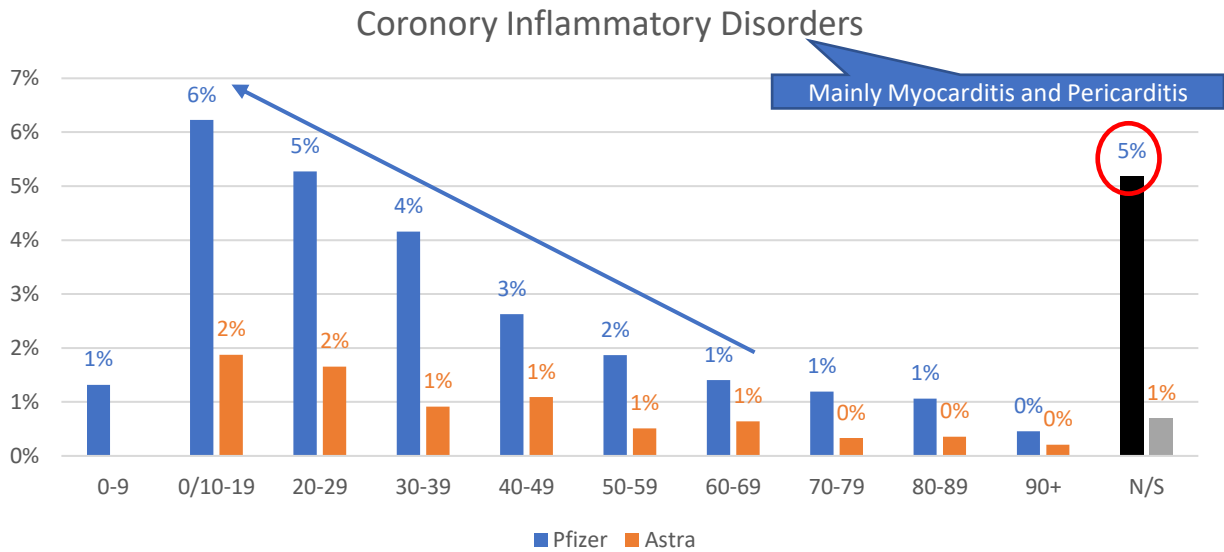
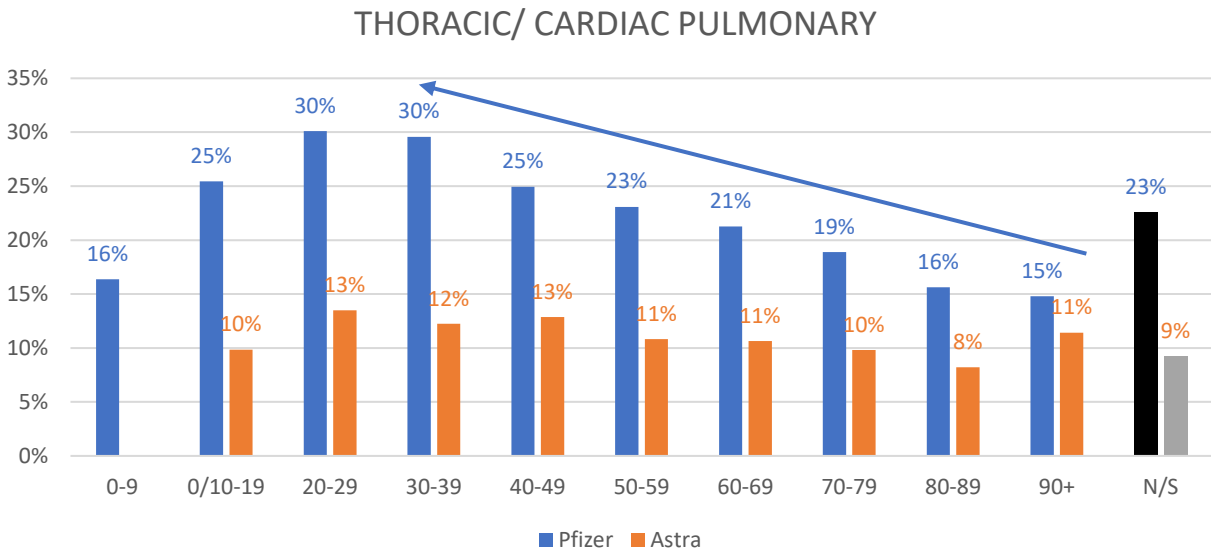
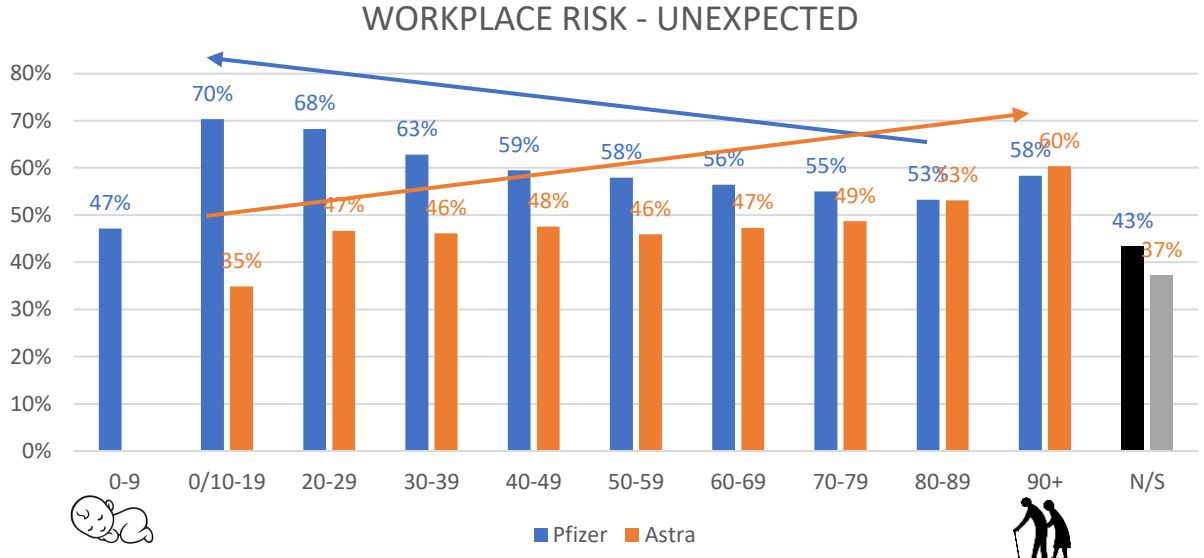
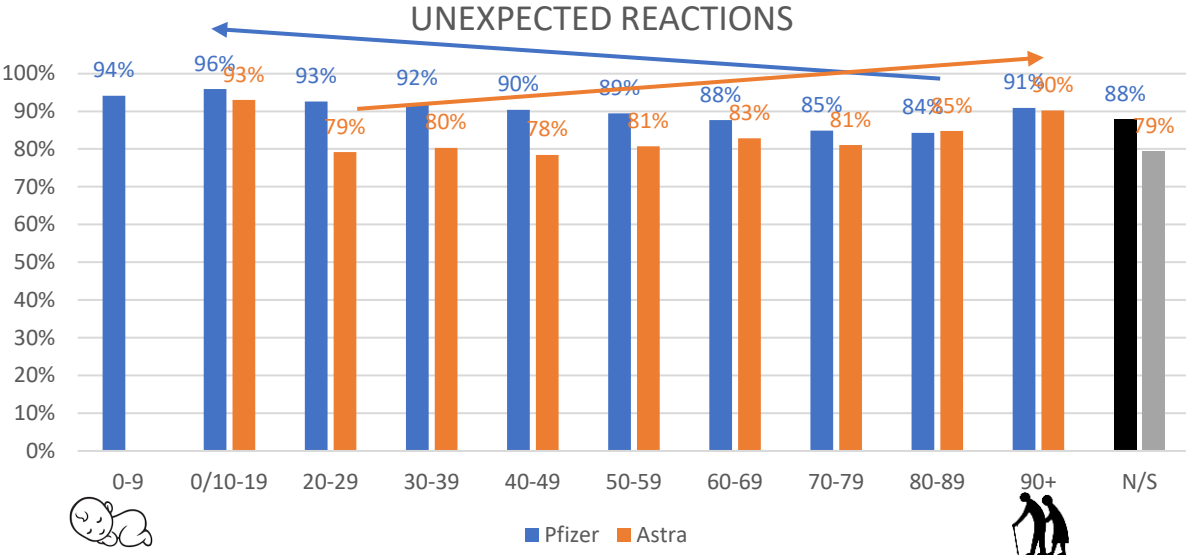


Astrazeneca Reactions Reported by Age



0-9 years grouped with 10-19 years for AstraZeneca, due to low numbers

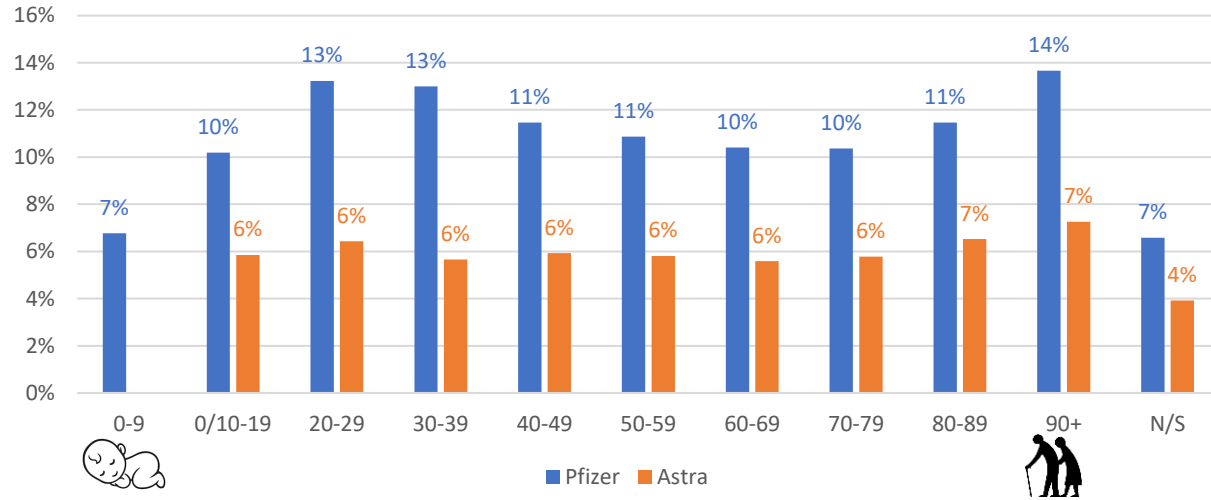
Workplace Risk Reactions - Unexpected



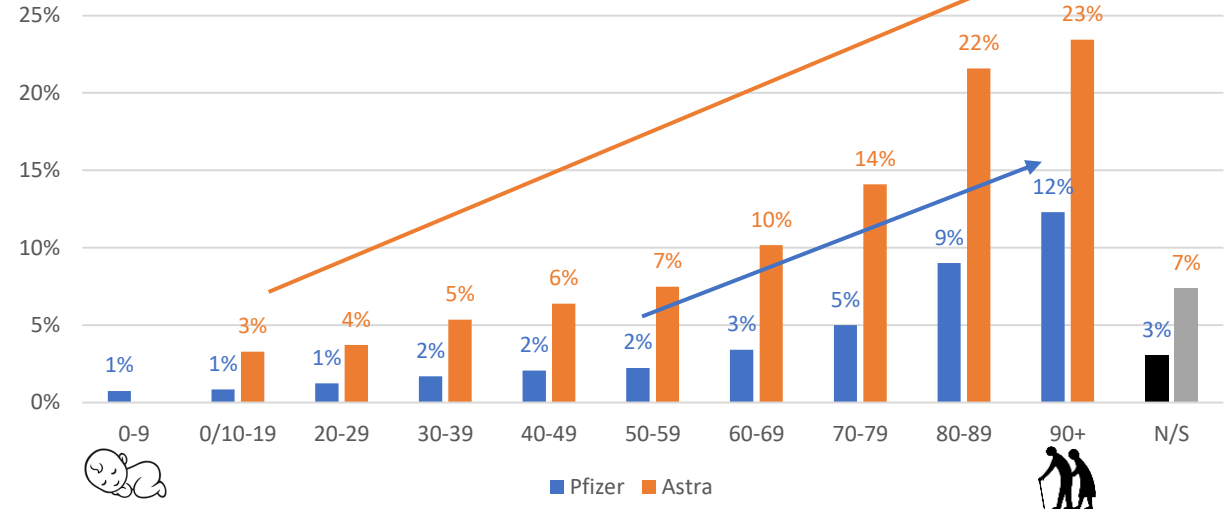
0% = < 0.5%

Workplace Risk Reactions - Unexpected

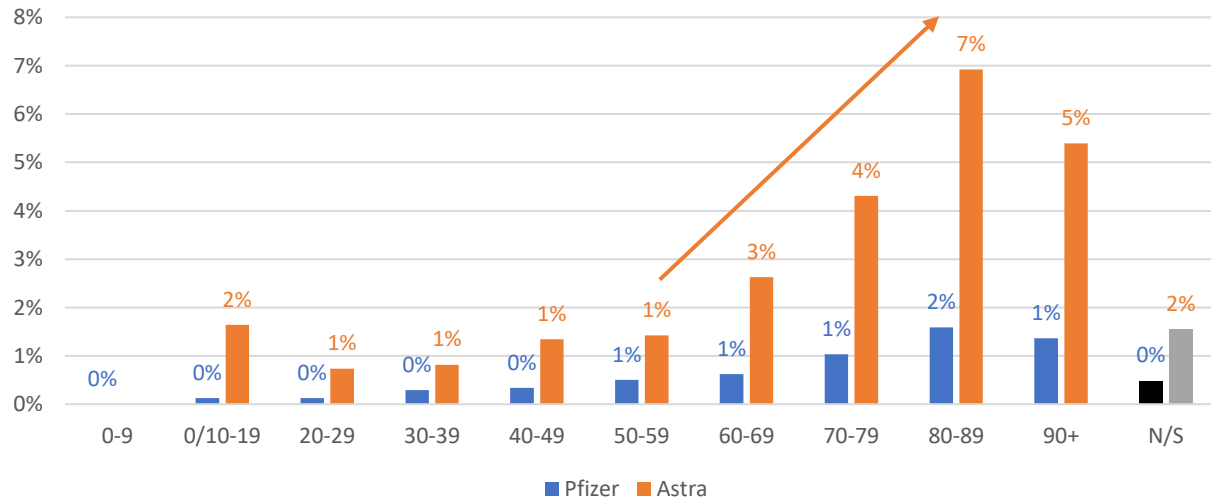
Breathing (RESP)



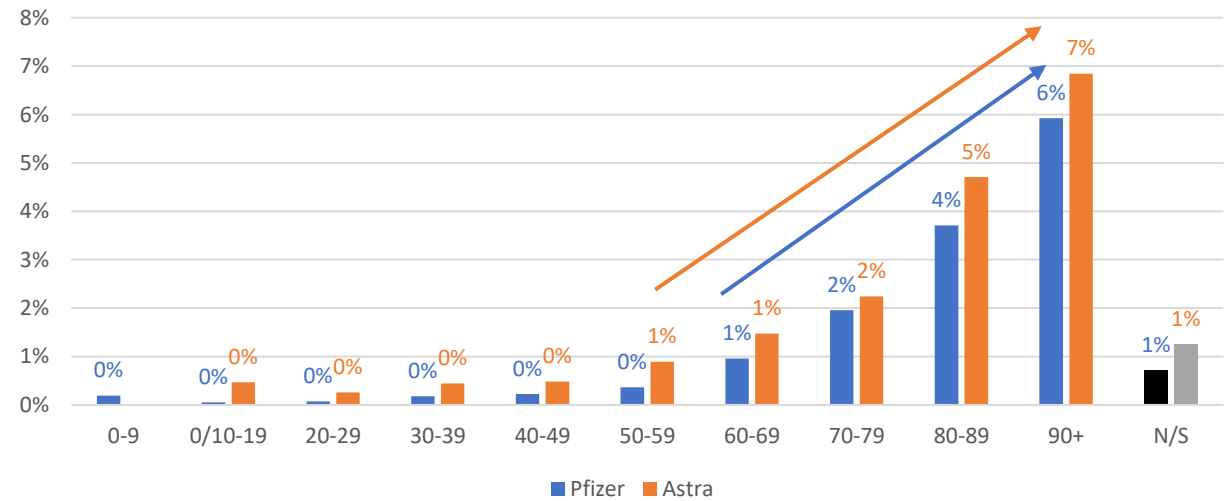
CLOTS/ STROKE/ BLOOD



Pulmonary embolism

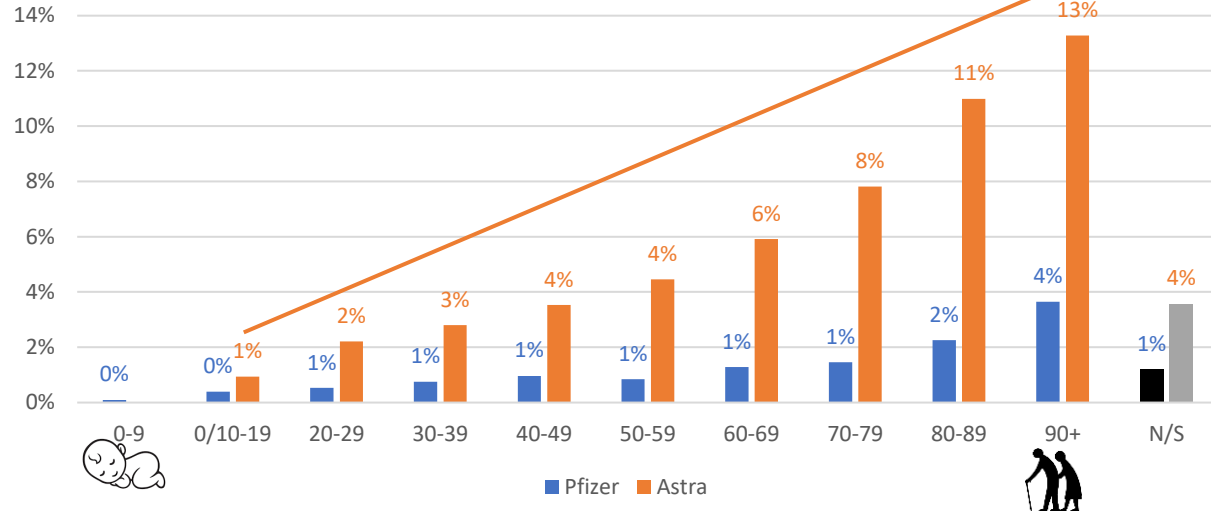


Stroke

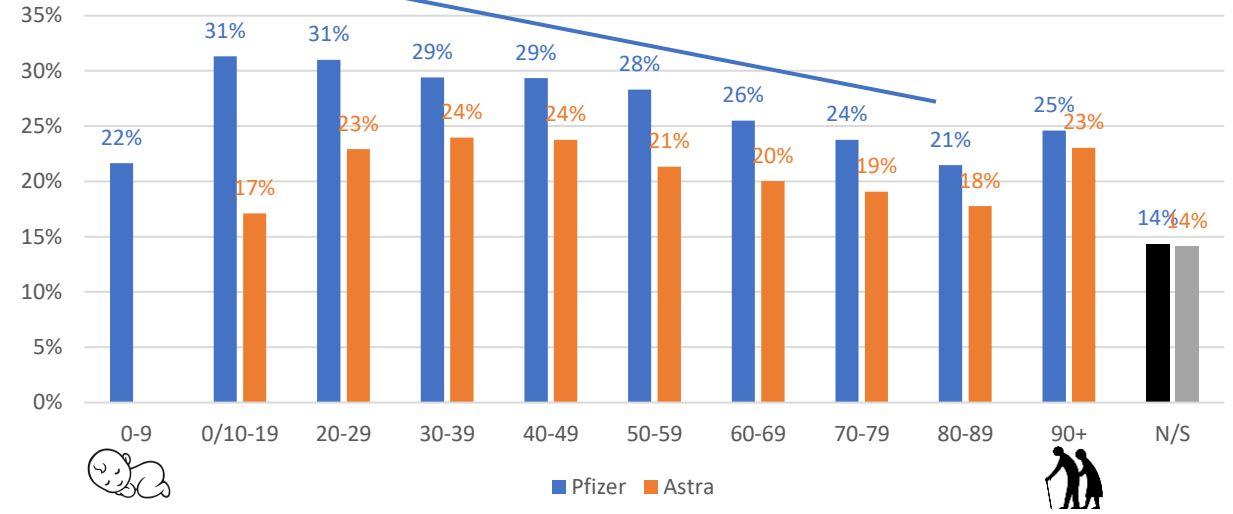


Workplace Risk Reactions - Unexpected

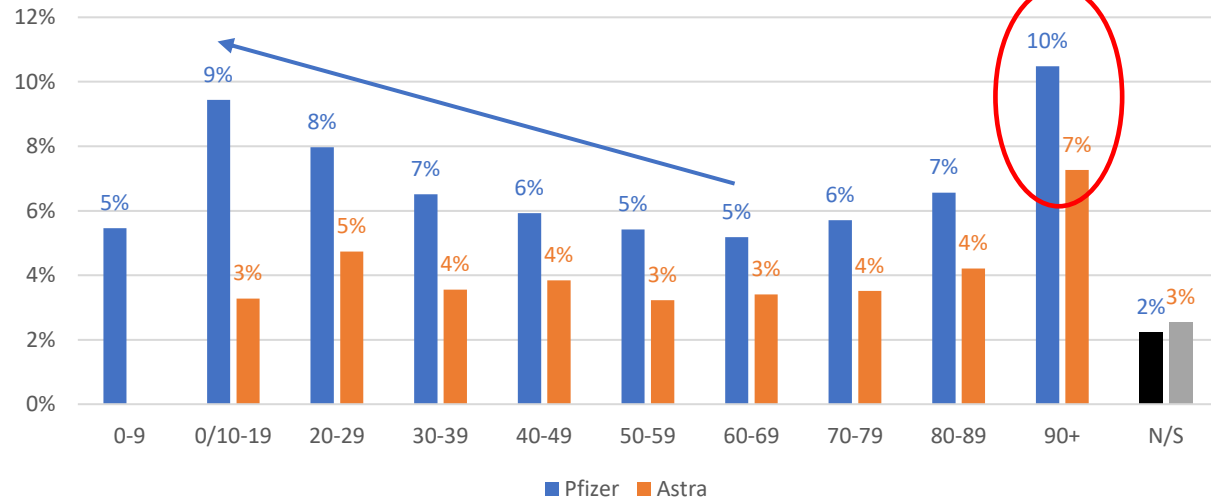
Thrombosis



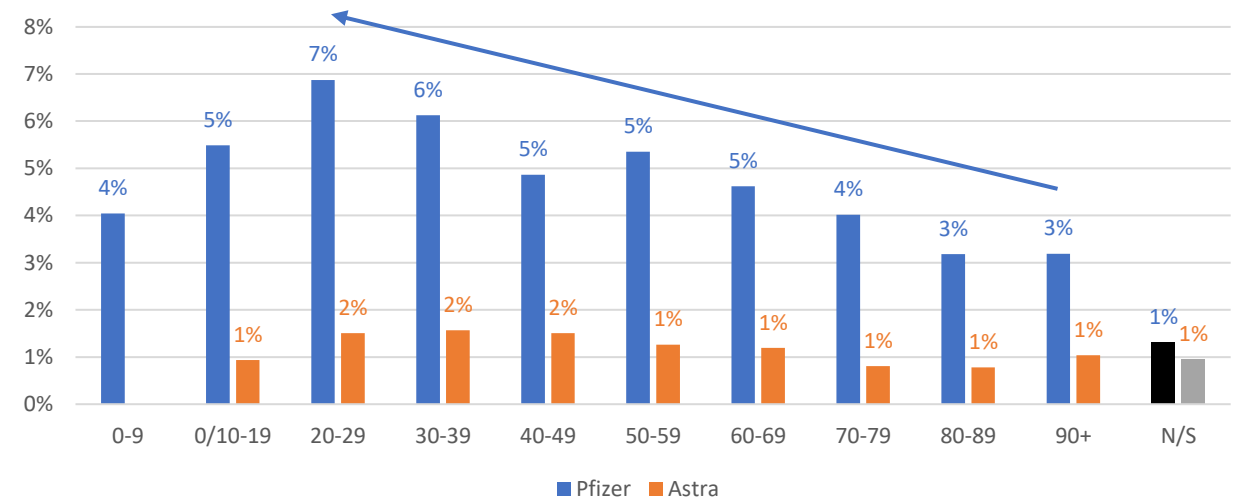
CONSCIOUSNESS/ NEUROLOGICAL (ex Headache)



Mental Impairment

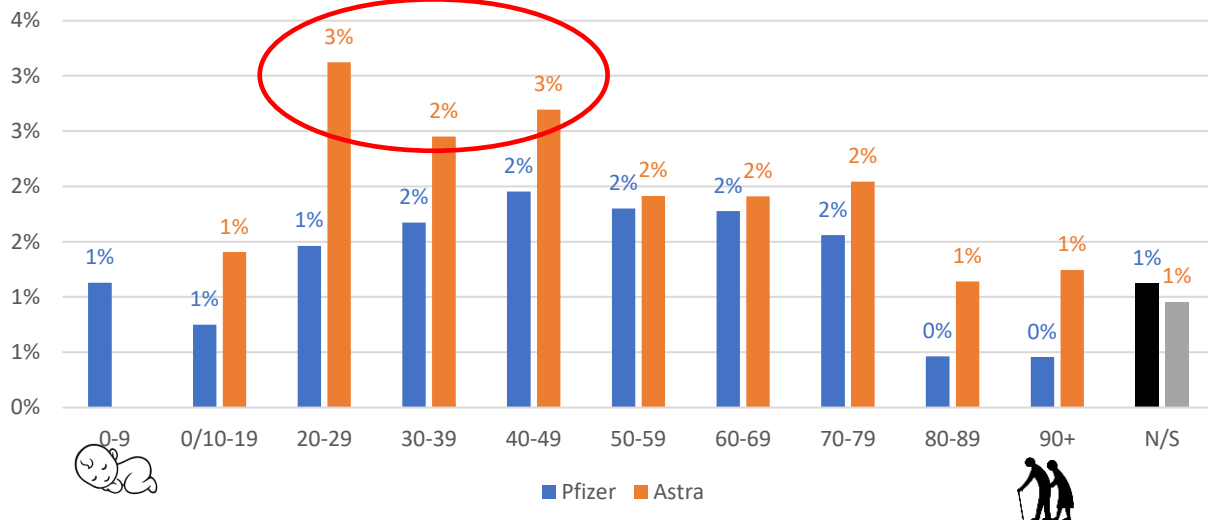


Mood

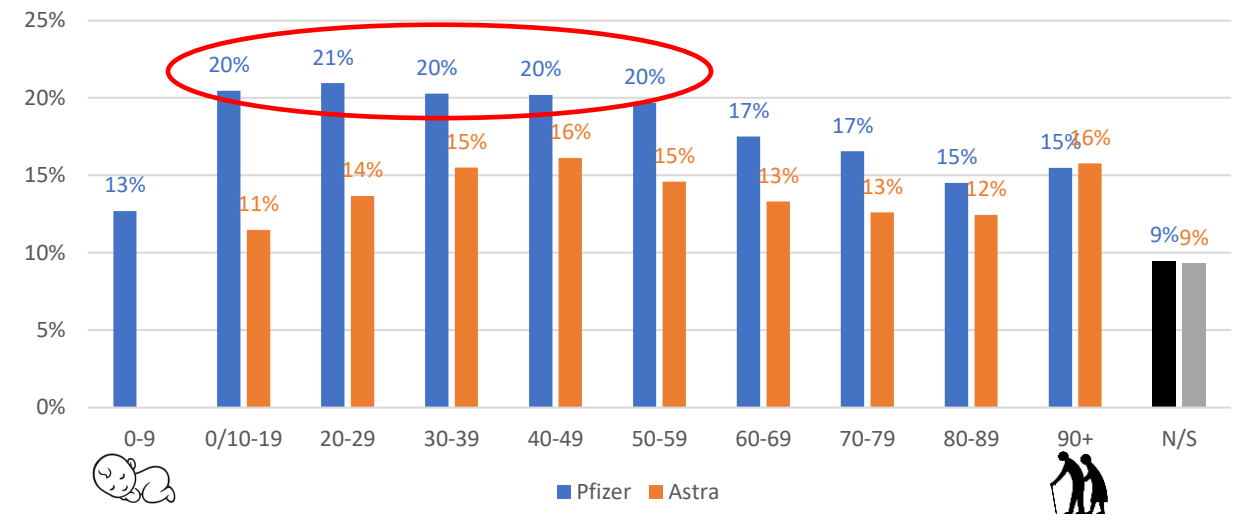


Workplace Risk Reactions - Unexpected

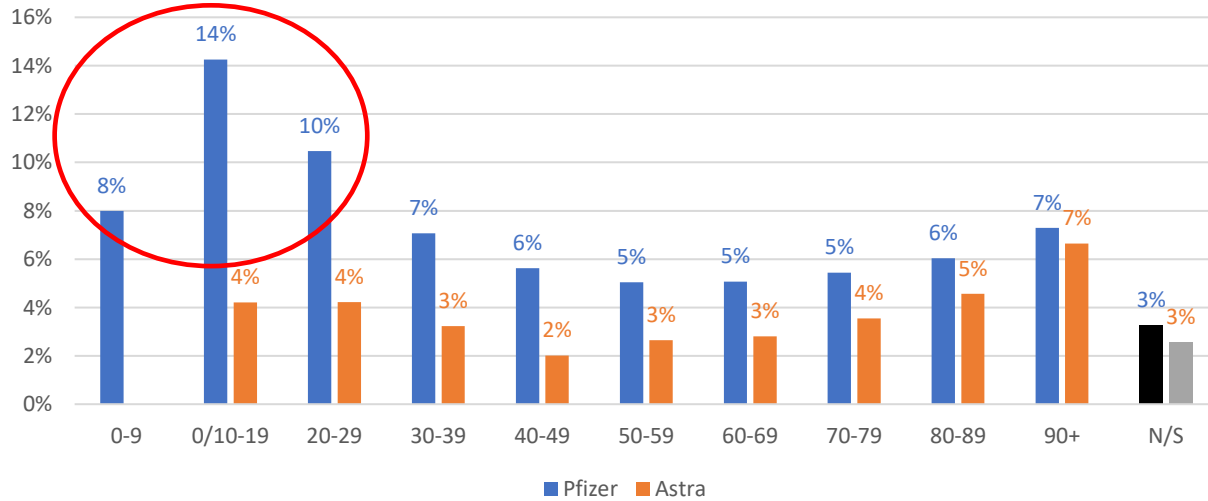
Sleep



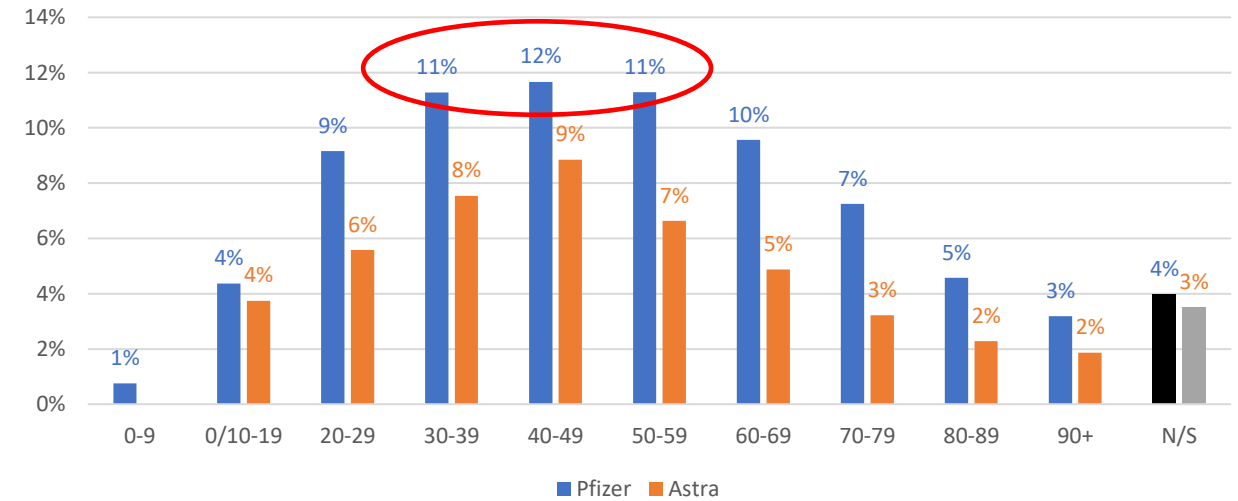
OTHER NEUROLOGICAL



Balance/ Consciousness

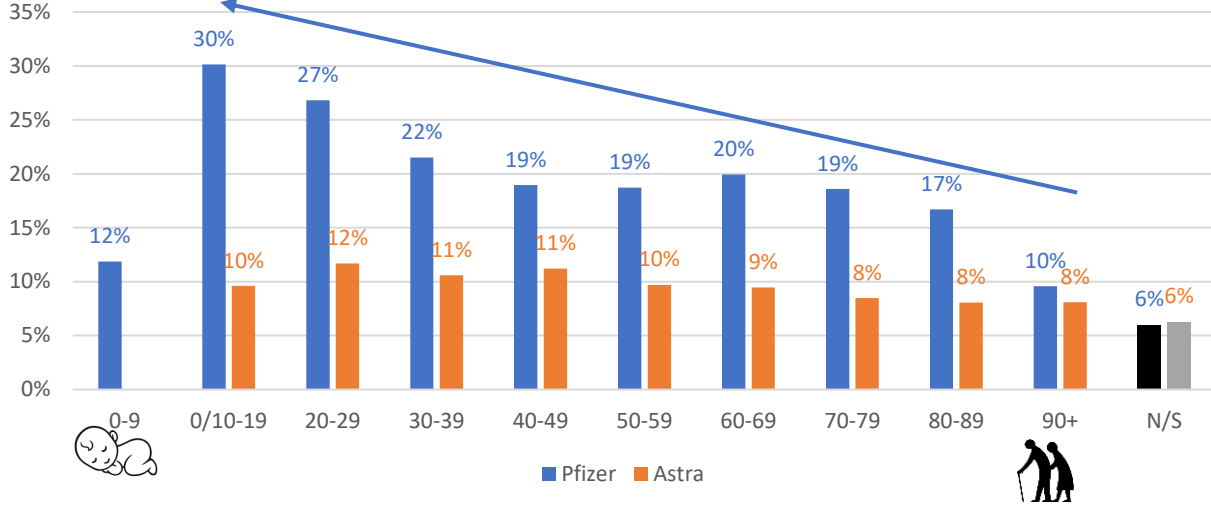


Numbness

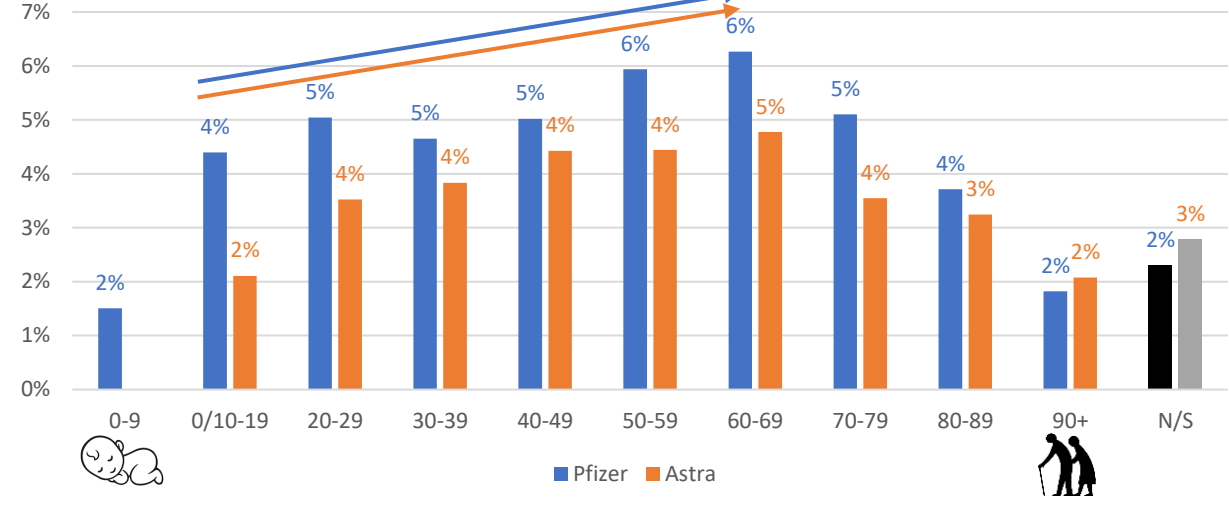


Workplace Risk Reactions - Unexpected

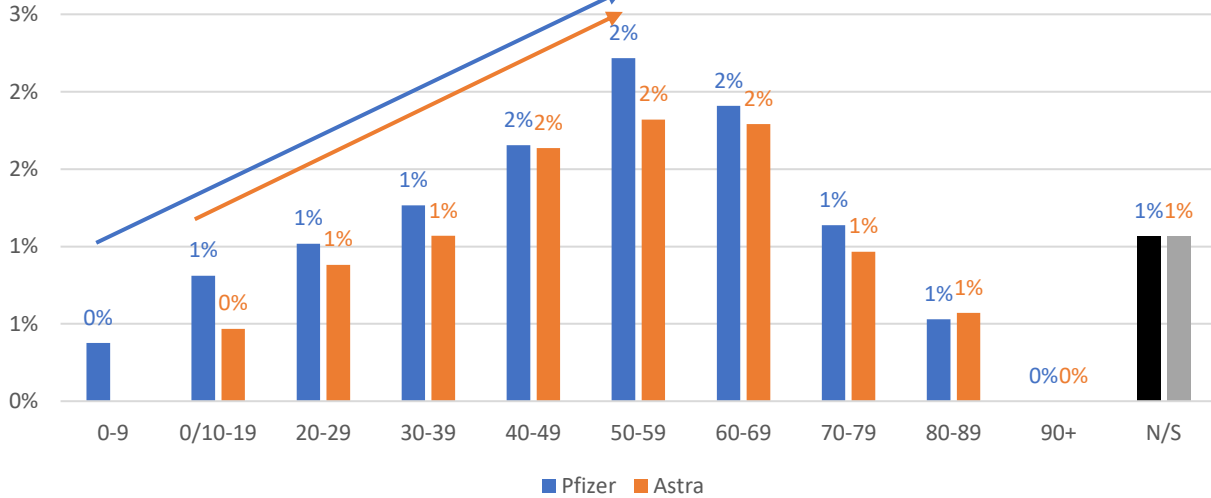
Vertigo



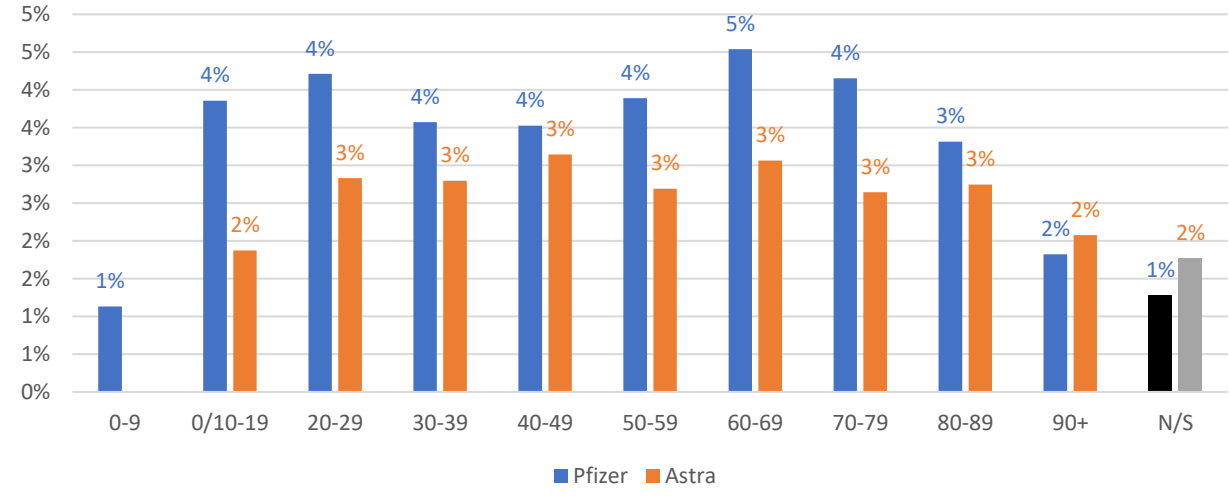
HEARING/ VISION



Deafness

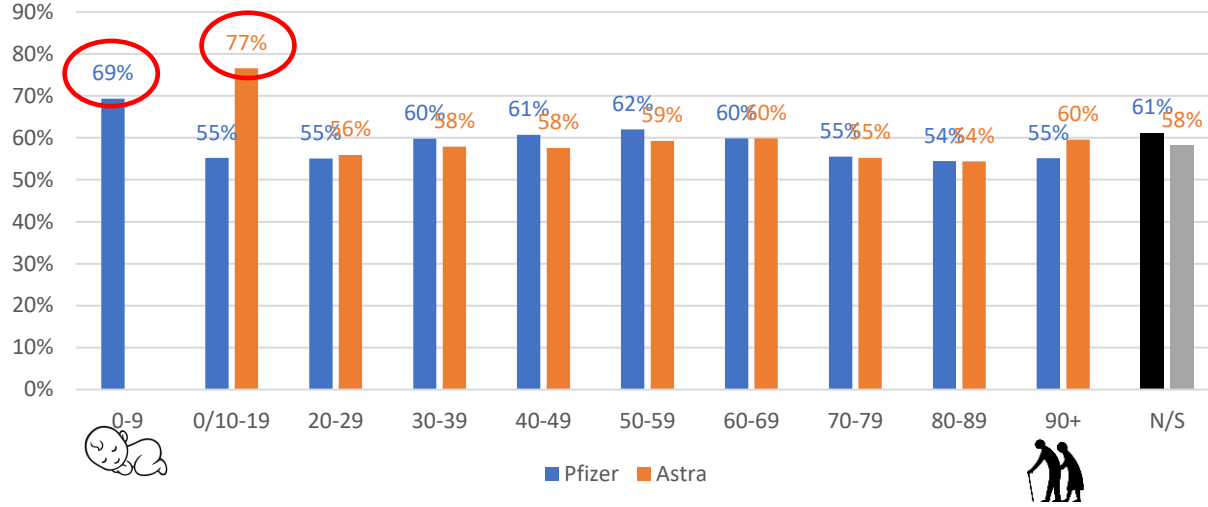


Vision

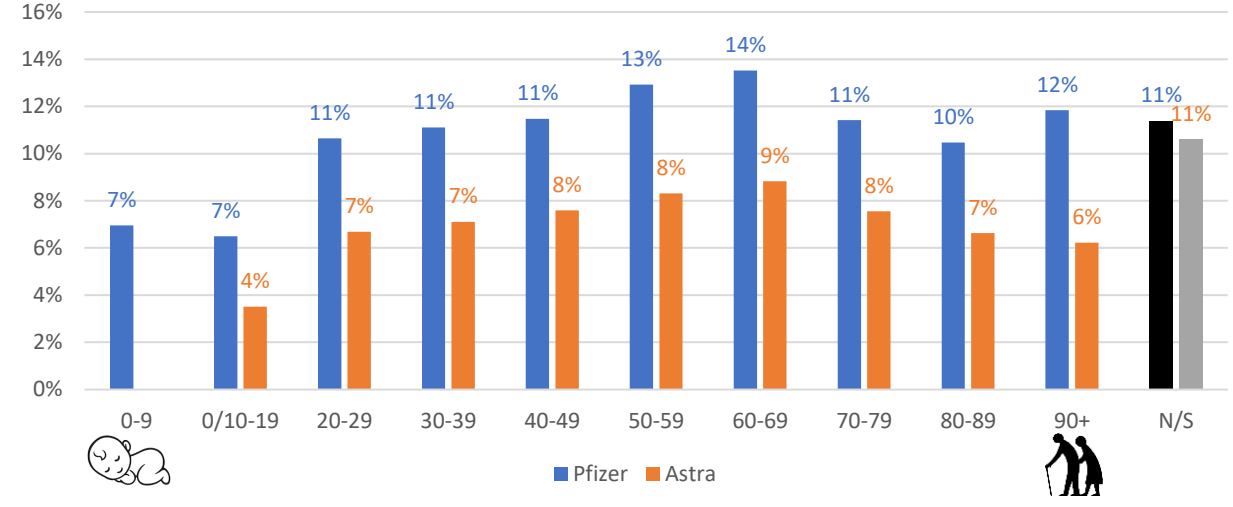


Other Unexpected Reactions

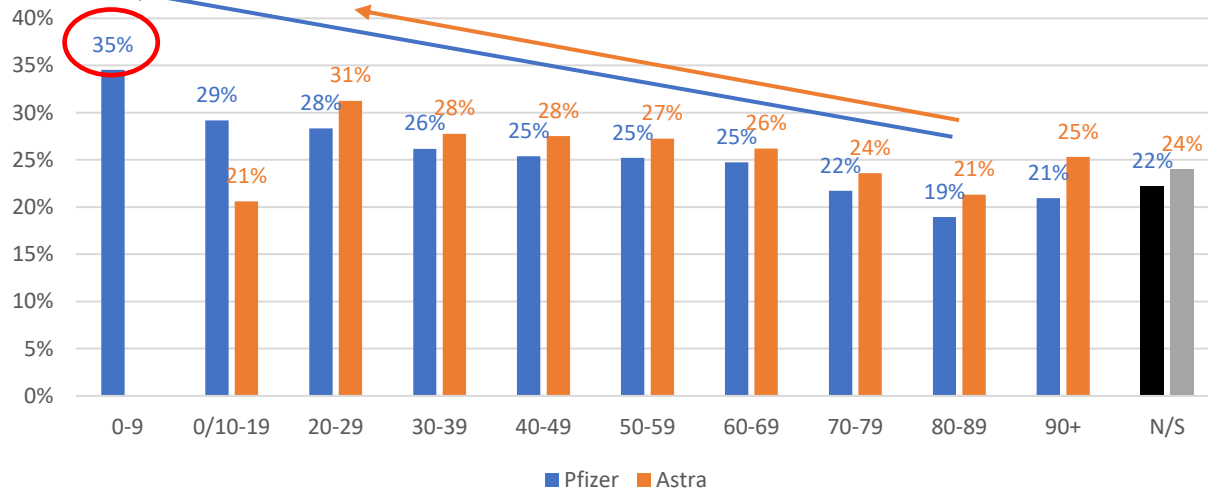
OTHER UNEXPECTED REACTIONS



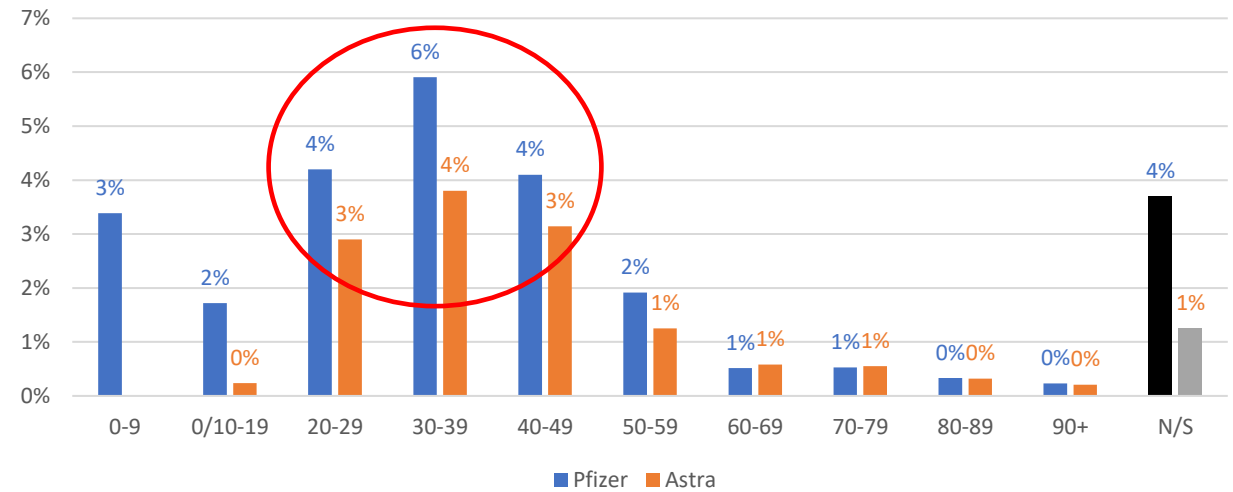
RESPIRATORY TRACT (ex Breathing)



GASTROINTESTINAL DISORDERS

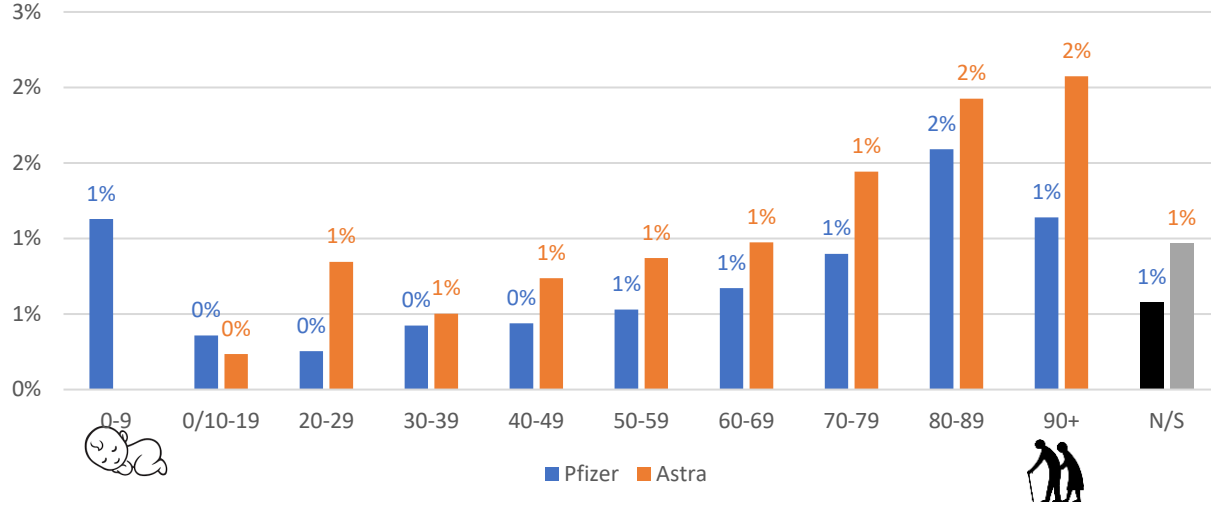


REPRODUCTIVE

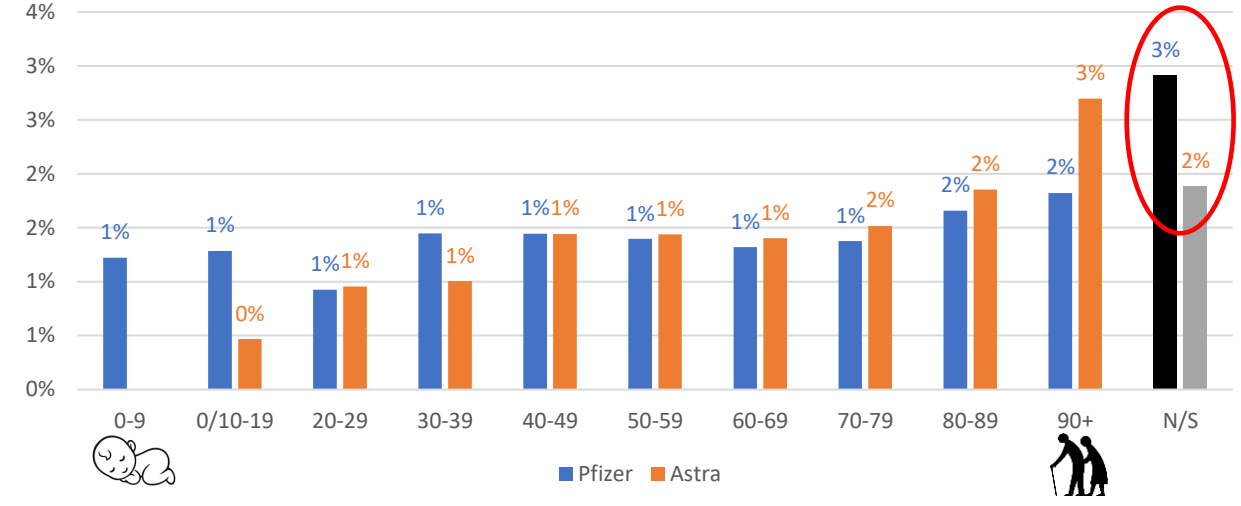


Other Unexpected Reactions

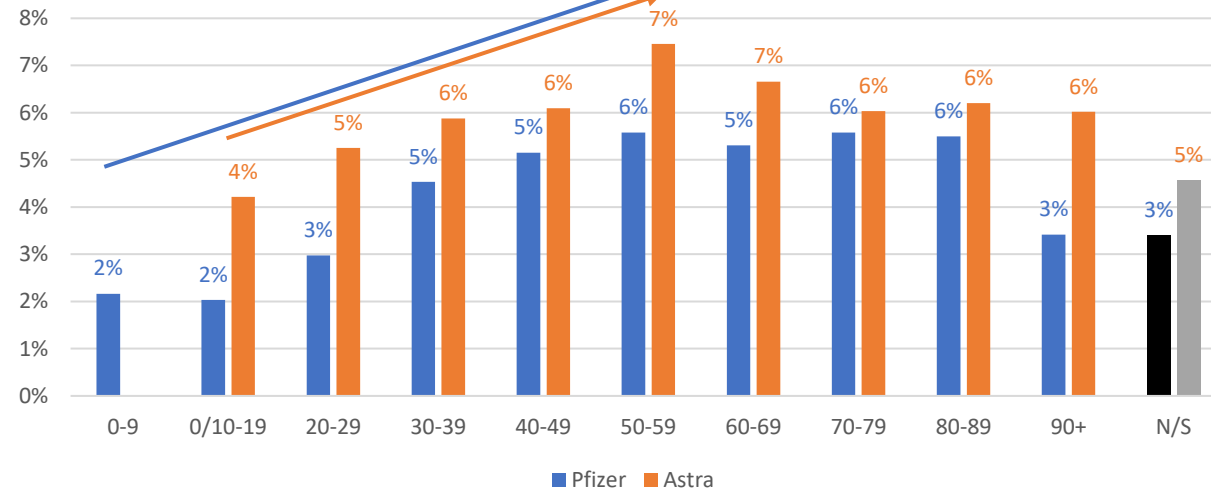
URINARY TRACT



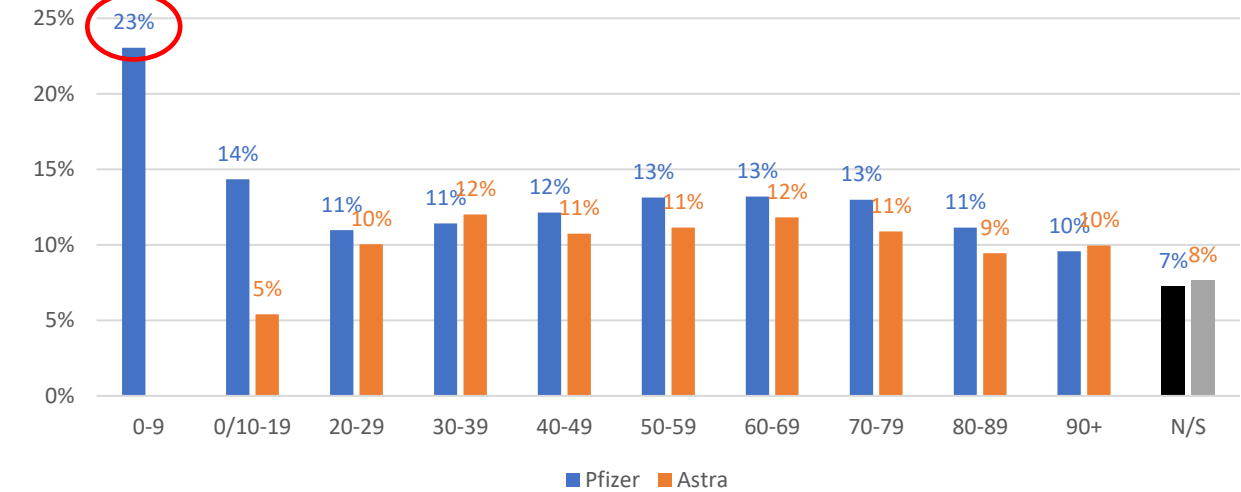
ORGANS/ GLANDS



EXTREMITIES

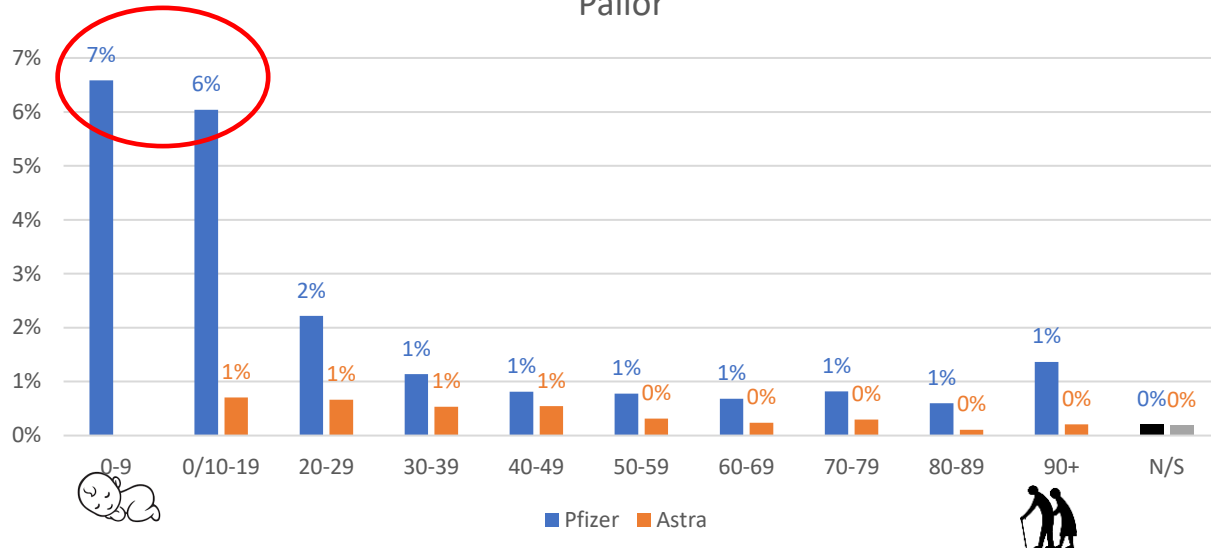


SKIN

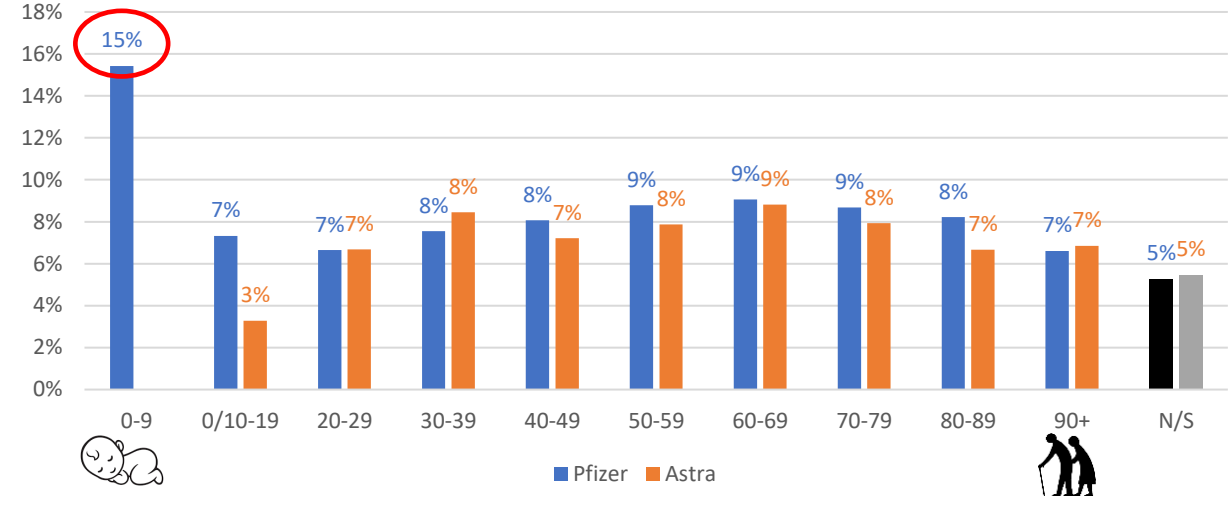


Other Unexpected Reactions

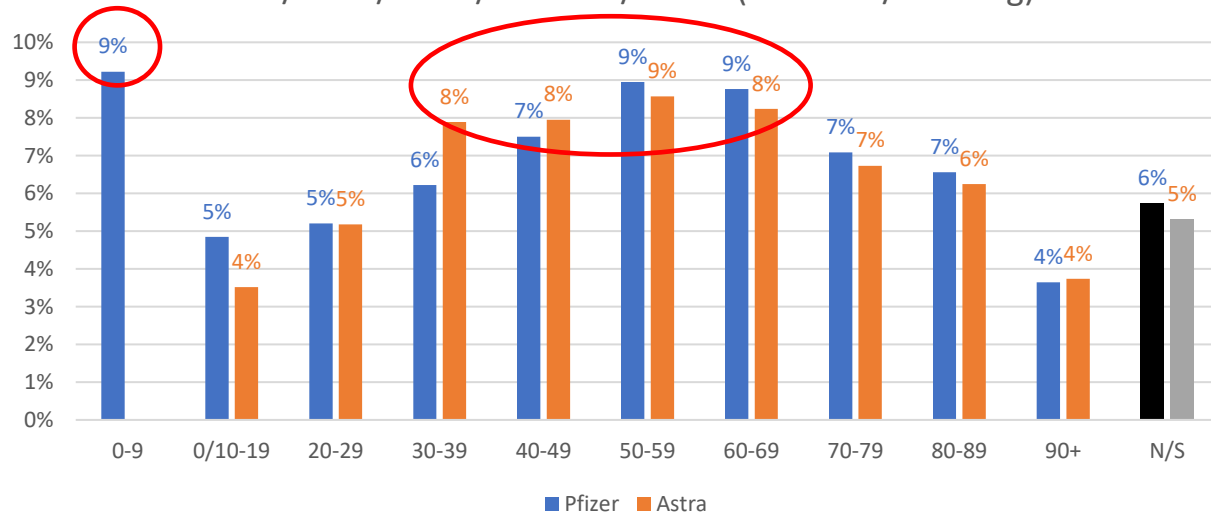
Pallor



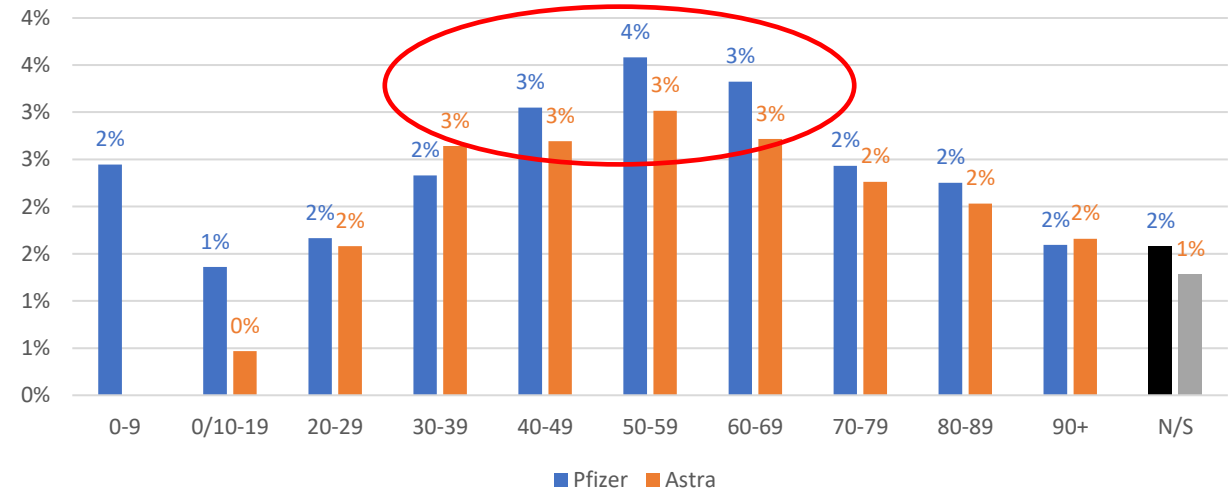
Rash



FACE/ EYES/ EARS/ MOUTH/ NOSE (ex Vision/ Hearing)

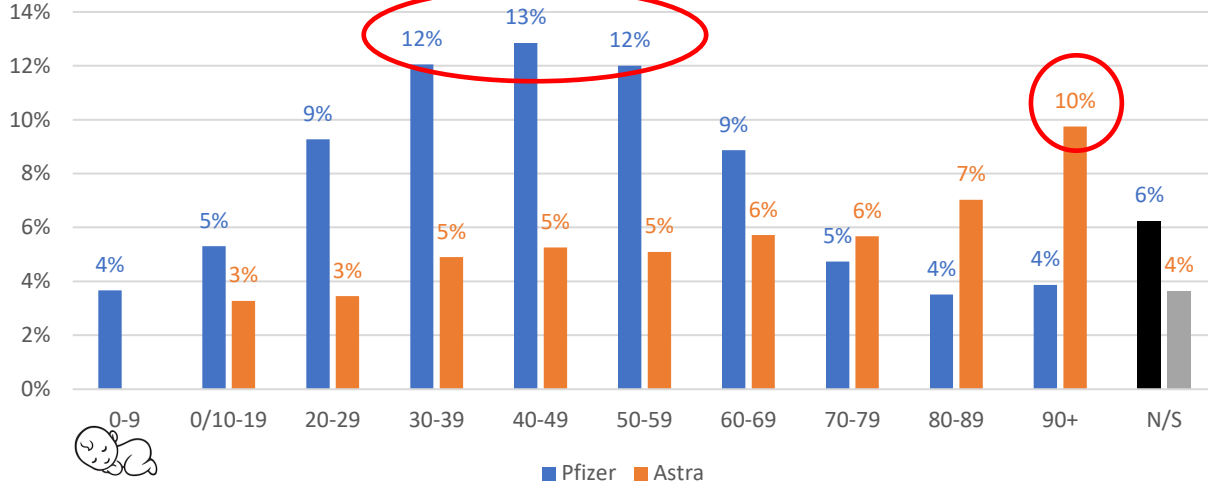


Mouth

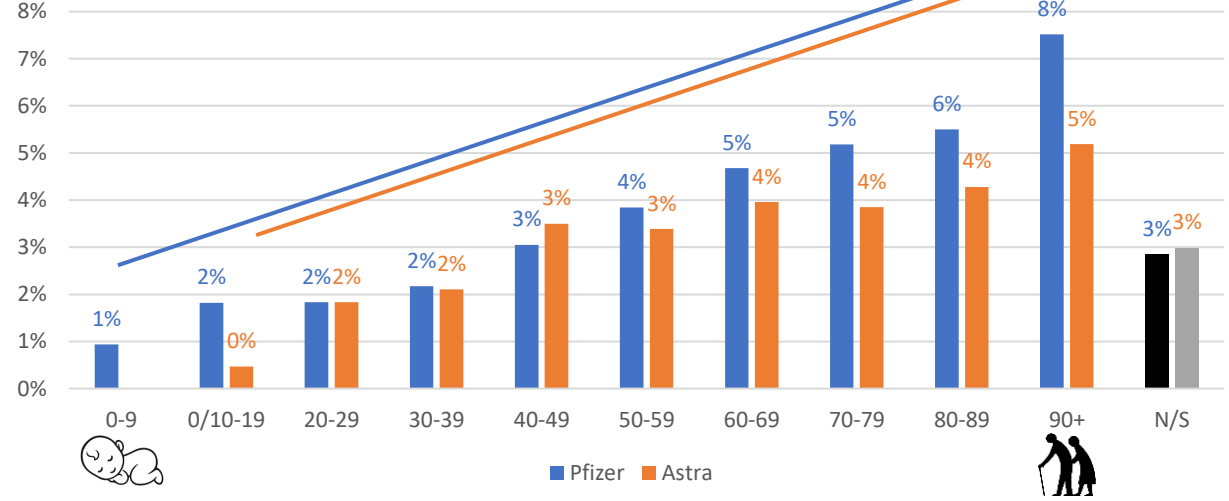


Other Unexpected Reactions

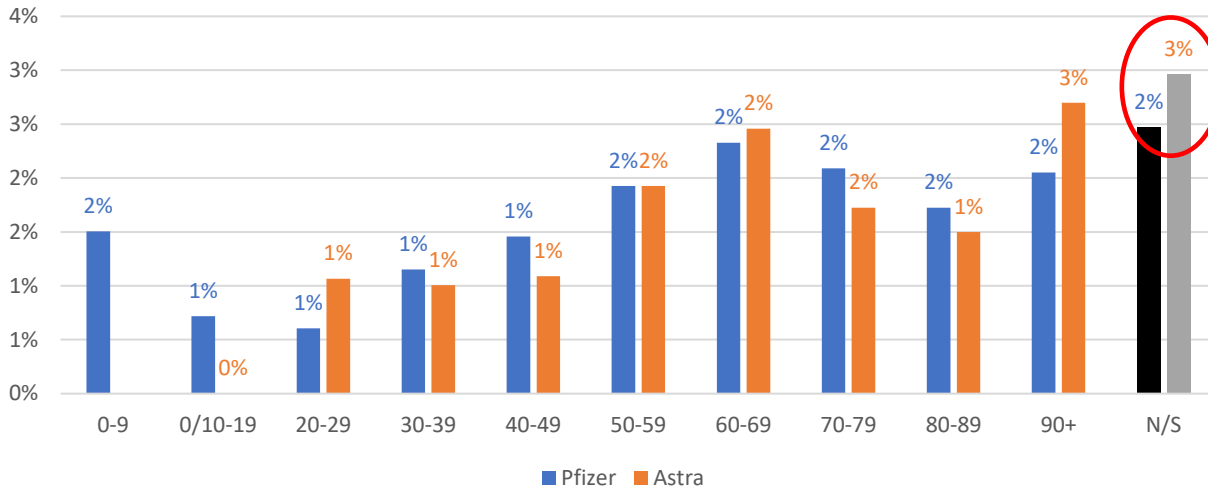
AUTOIMMUNE SYMPTOMS



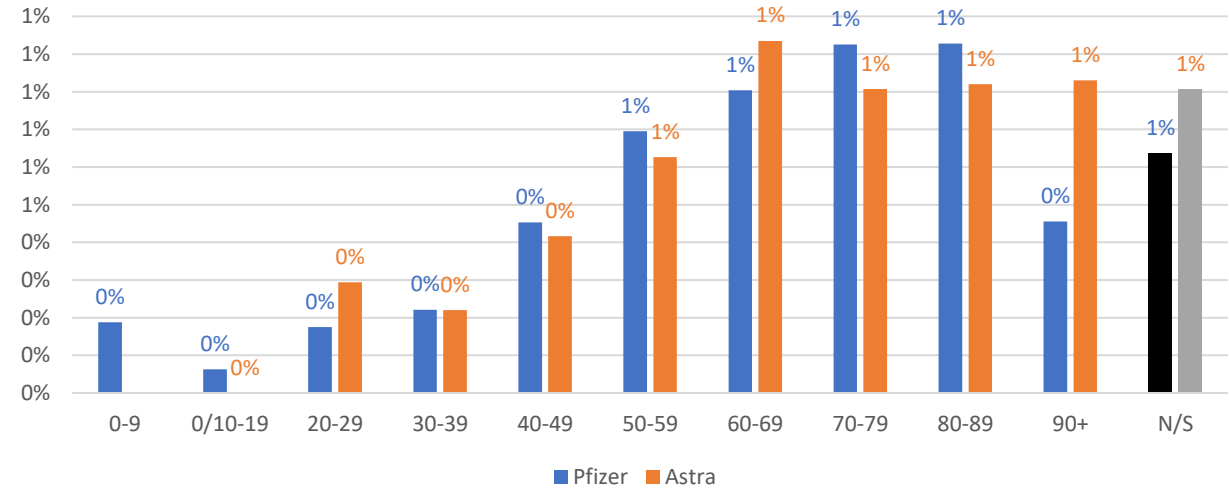
BLOOD PRESSURE/ BLOODS



INFECTION

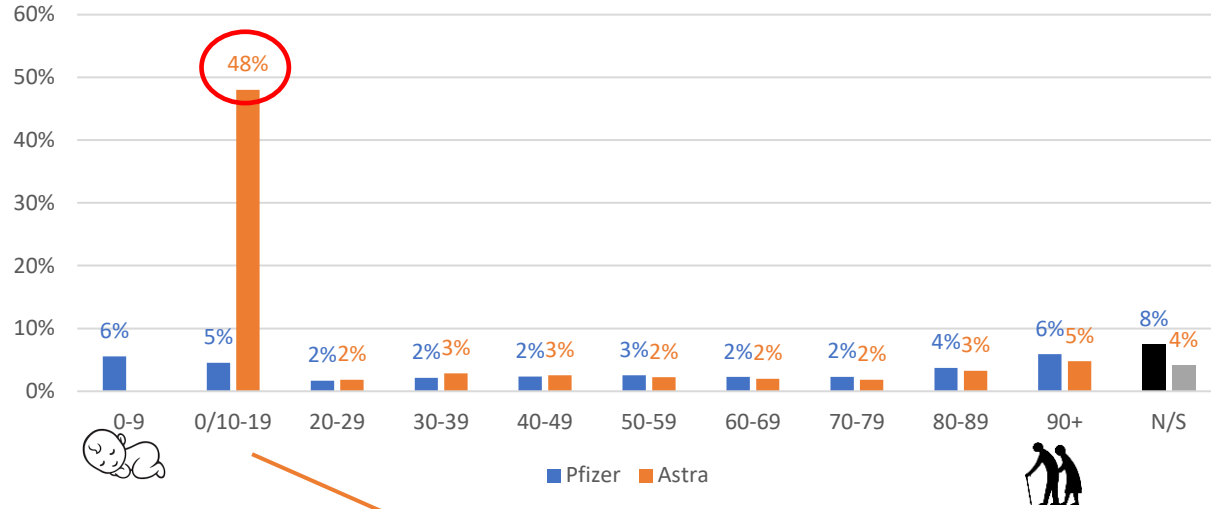


PAIN/ SWELLING (ex general)

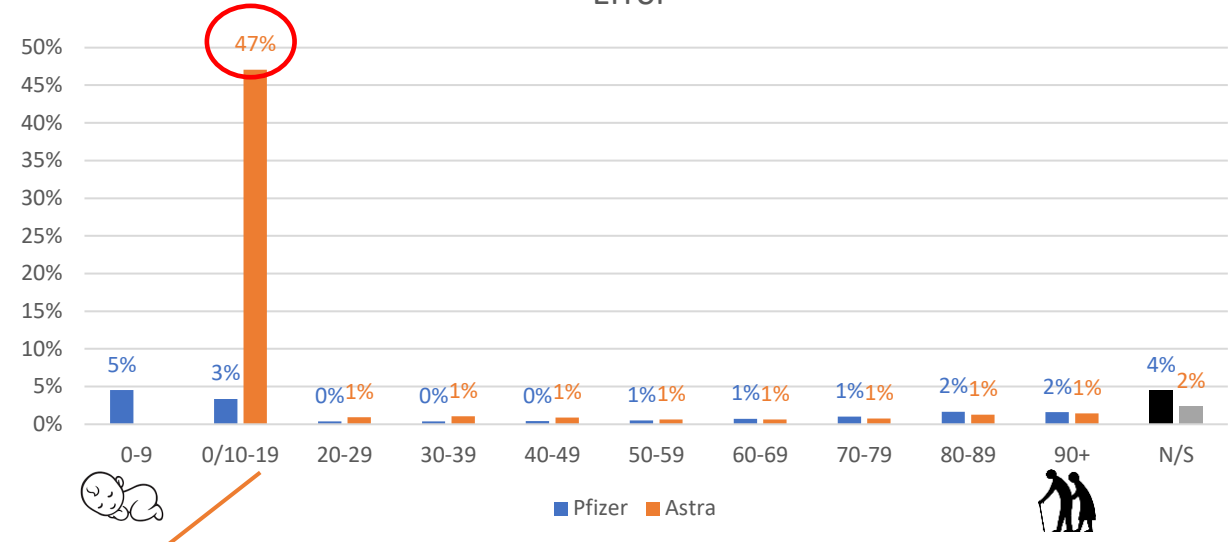


Other Unexpected Reactions

REACTION (ex injection site)



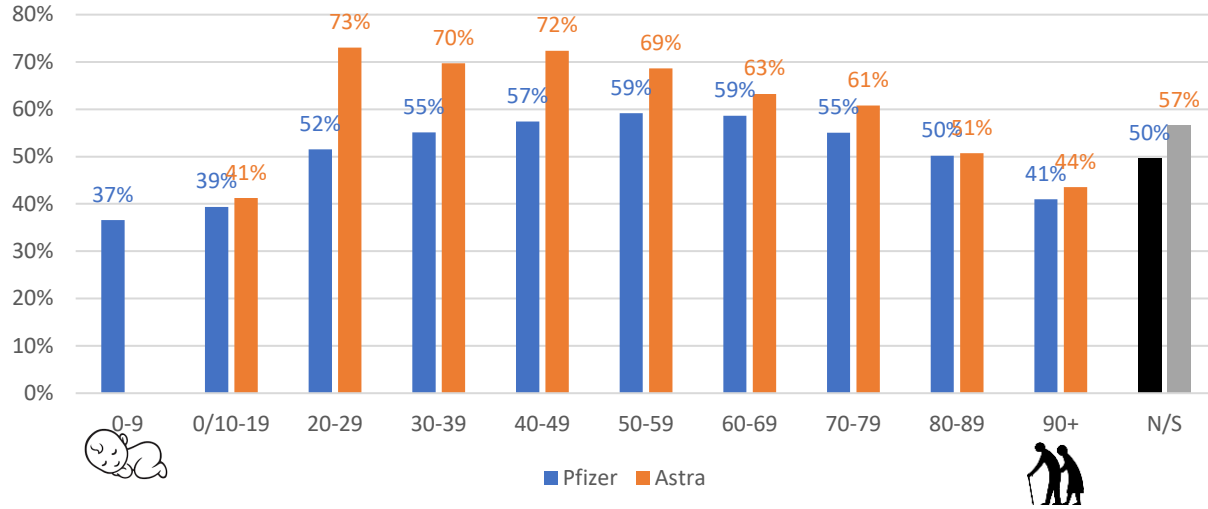
Error



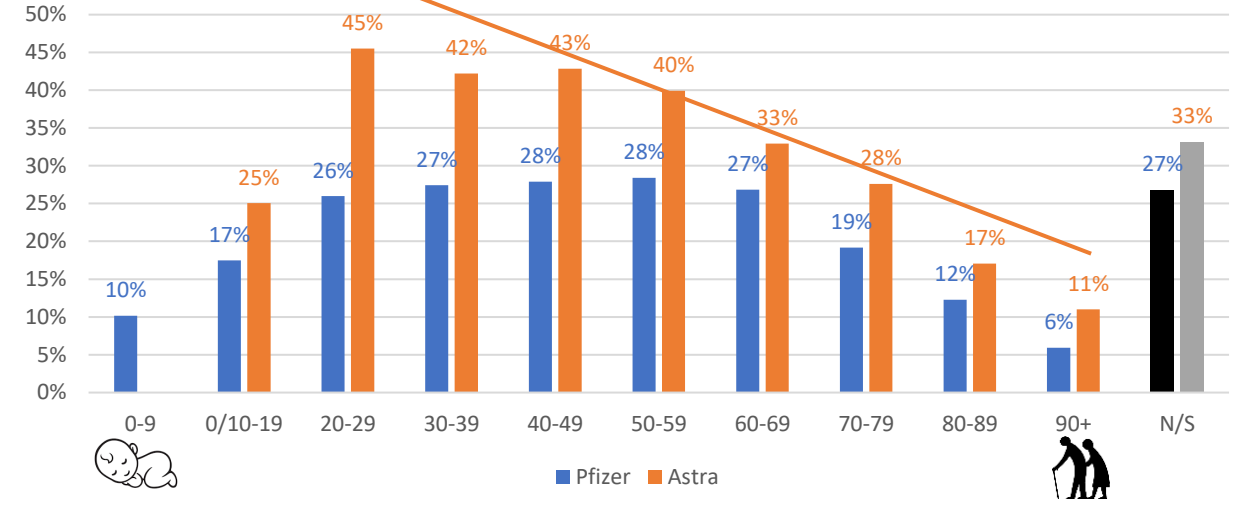
ASTRAZENECA	0-19	0-9	10-19
Cases	427	16	411
REACTION (ex injection site)	205 → 48%	4	201 → 49%
Error	201 → 47%	3	198 → 48%
Device connection issue	1	0	1
Incorrect dose administered	1	0	1
Medication error	11	0	11
Product administered to patient of inappropriate age	87	2	85
Syringe issue	1	0	1
Vaccination error	171	2	169
Wrong drug administered	1	0	1
Wrong product administered	47	1	46

Expected Reactions

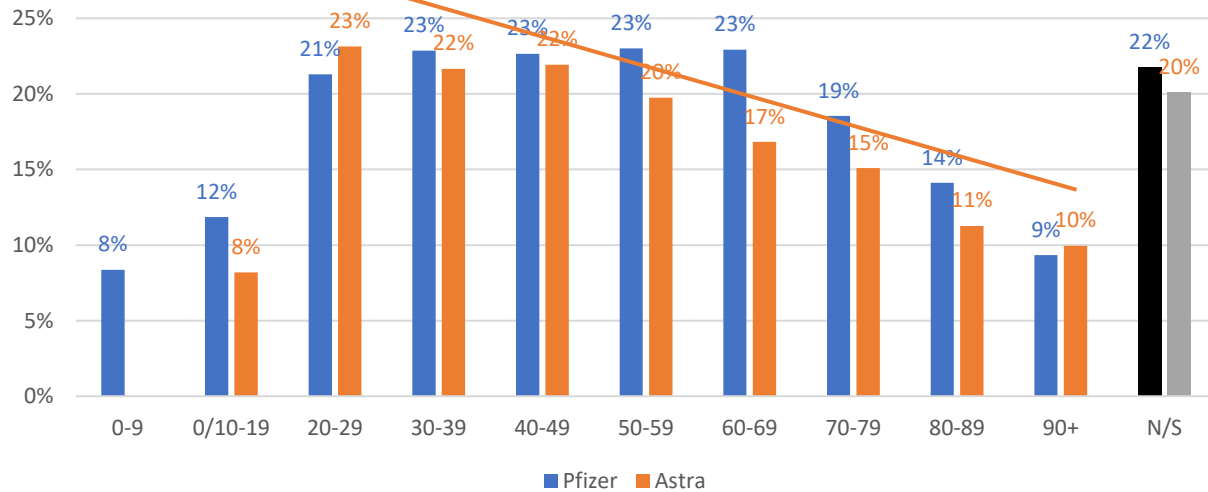
EXPECTED REACTIONS



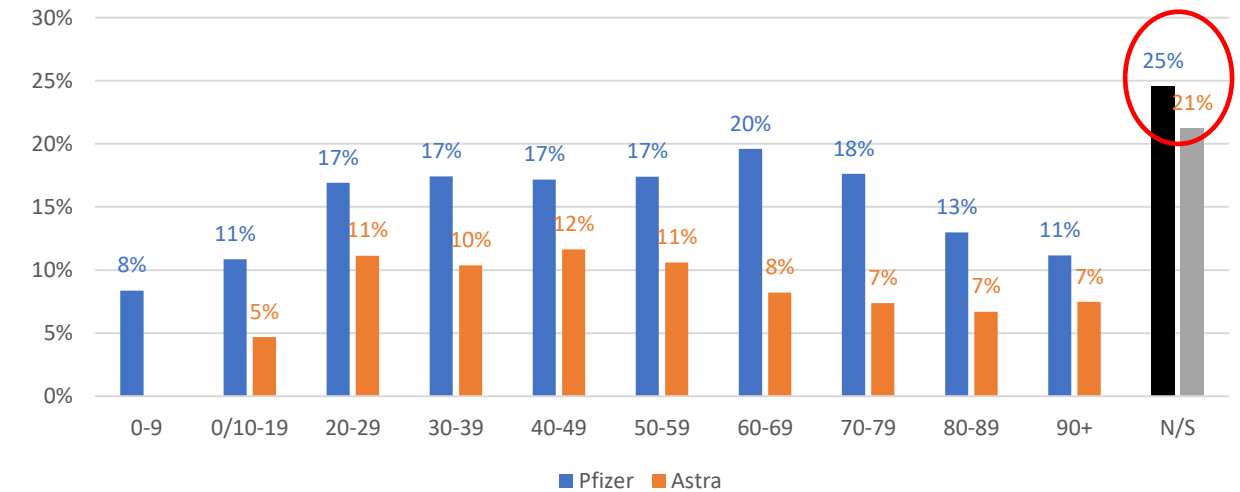
Headache



Injection site

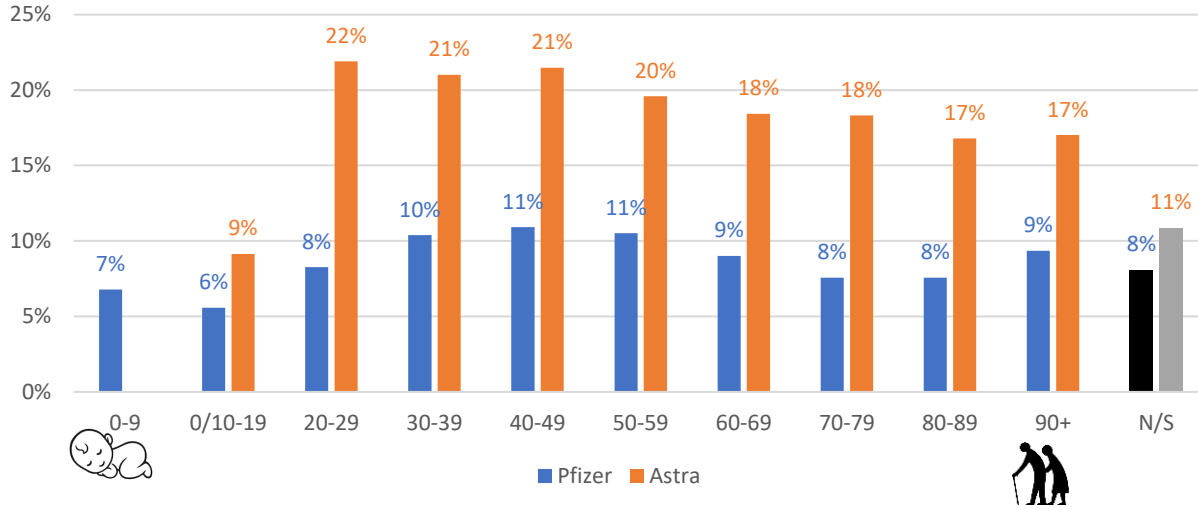


Lethargy

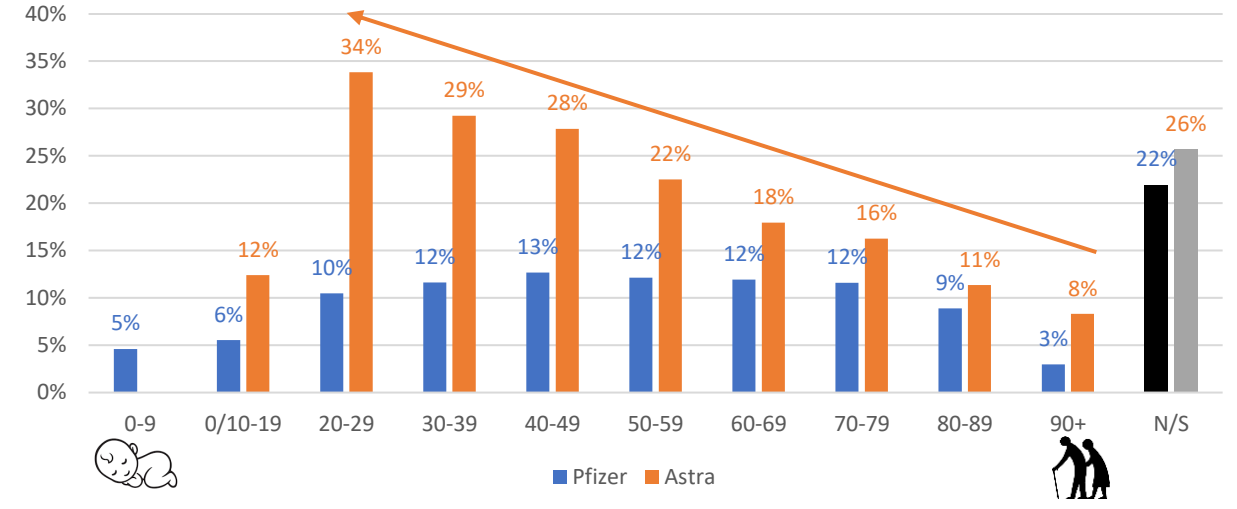


Expected Reactions

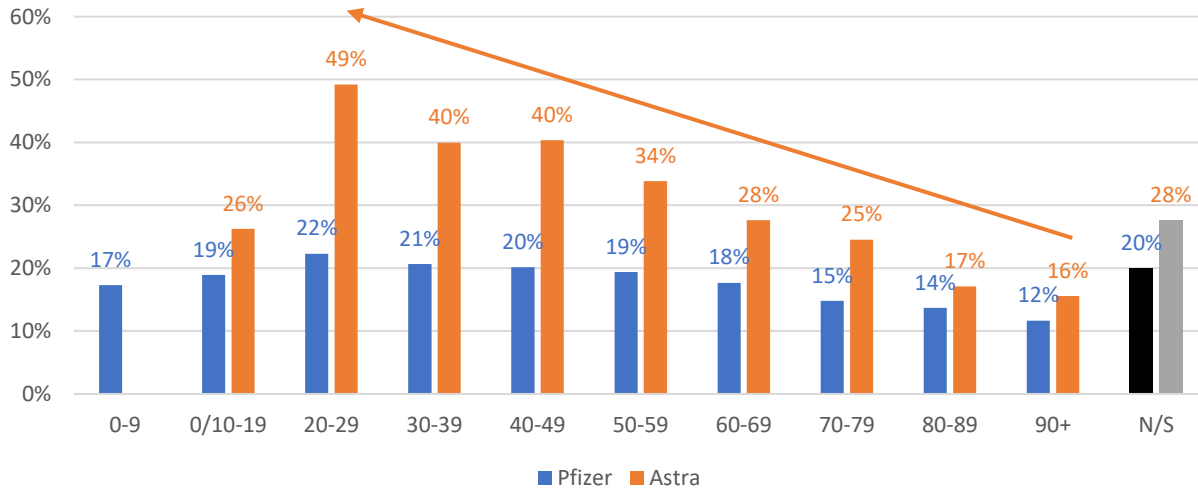
Fatigue



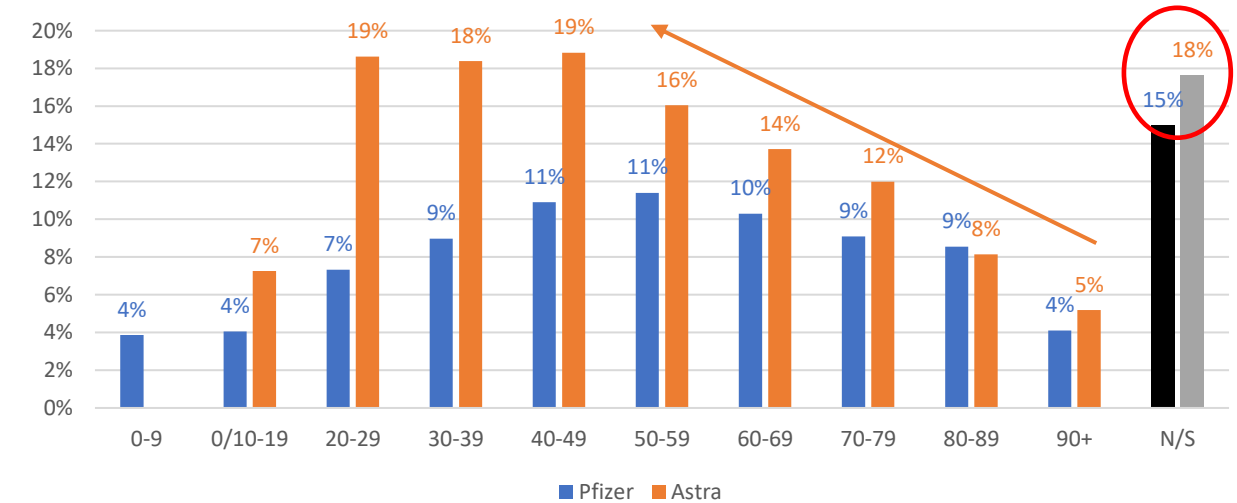
MUSCLES/ SKELETON



TEMPERATURE



PAIN/ SWELLING (general)



Australia
5-11 year old
Reactions
Complete List

Medical class - groups	Total		5-11 yrs	
<i>Cases</i>	122,580		1,067	
TOTAL UNEXPECTED REACTIONS	107,423	87.6%	1,031	96.6%
TOTAL WORKPLACE RISK	65,068	53.1%	488	45.7%
TOTAL CARDIAC/ BREATHING/ CLOTTING/ SPINAL	36,459	29.7%	273	25.6%
THORACIC/CARDIAC PULMONARY AND BREATHING	28,959	23.6%	258	24.2%
THORACIC/CARDIAC PULMONARY	25,028	20.4%	222	20.8%
CORONARY SYMPTOMS	11,951	9.7%	81	7.6%
Coronary Symptoms - Arrhythmias	6,612	5.4%	41	3.8%
Arrhythmia	236	0.2%	2	0.2%
Bundle branch block right	23	0.0%	1	0.1%
Heart rate irregular	343	0.3%	4	0.4%
Palpitations	5,426	4.4%	35	3.3%
Sinus arrhythmia	13	0.0%	2	0.2%
Coronary Symptoms - Bradycardia	283	0.2%	2	0.2%
Heart rate decreased	66	0.1%	1	0.1%
Sinus bradycardia	21	0.0%	1	0.1%
Coronary Symptoms - Ischaemia	463	0.4%	1	0.1%
Myocardial infarction	308	0.3%	1	0.1%
Coronary Symptoms - Other	2,073	1.7%	32	3.0%
Cardiac discomfort	34	0.0%	1	0.1%
Cardiac murmur	26	0.0%	2	0.2%
Echocardiogram	161	0.1%	1	0.1%
Echocardiogram normal	26	0.0%	2	0.2%
Electrocardiogram	302	0.2%	7	0.7%
Electrocardiogram abnormal	458	0.4%	11	1.0%
Electrocardiogram normal	64	0.1%	2	0.2%
Electrocardiogram ST segment elevation	150	0.1%	2	0.2%
Sinus rhythm	16	0.0%	1	0.1%
Troponin	218	0.2%	8	0.7%
Troponin I	57	0.0%	1	0.1%
Troponin increased	722	0.6%	6	0.6%
Coronary Symptoms - Tachycardia	3,942	3.2%	27	2.5%
Atrial tachycardia	16	0.0%	1	0.1%
Heart rate increased	1,209	1.0%	6	0.6%
Sinus tachycardia	97	0.1%	2	0.2%
Tachycardia	2,500	2.0%	18	1.7%

Medical class - groups	Total		5-11 yrs	
<i>Cases</i>	122,580		1,067	
OTHER THORACIC/CARDIAC PULMONARY	18,437	15.0%	196	18.4%
Cardiac arrest	171	0.1%	3	0.3%
Cardiac arrest	126	0.1%	2	0.2%
Coronary artery aneurysm	1	0.0%	1	0.1%
Cardiac disorders	779	0.6%	1	0.1%
Cardiomegaly	53	0.0%	1	0.1%
Coronary Inflammatory disorders	4,660	3.8%	27	2.5%
Carditis	126	0.1%	2	0.2%
Myocarditis	1,403	1.1%	7	0.7%
Myopericarditis	69	0.1%	2	0.2%
Pericarditis	3,223	2.6%	17	1.6%
Thoracic/ Cardiac Pulmonary Symptoms	15,399	12.6%	188	17.6%
Chest discomfort	4,269	3.5%	35	3.3%
Chest pain	12,368	10.1%	170	15.9%
Chest X-ray abnormal	11	0.0%	1	0.1%
Chest X-ray normal	19	0.0%	1	0.1%
(RESP) Breathing	10,430	8.5%	105	9.8%
Dyspnoea	9,737	7.9%	95	8.9%
Dyspnoea exertional	135	0.1%	3	0.3%
Oxygen saturation decreased	88	0.1%	1	0.1%
Painful respiration	40	0.0%	3	0.3%
Respiratory rate increased	47	0.0%	3	0.3%
Tachypnoea	80	0.1%	1	0.1%
Wheezing	421	0.3%	6	0.6%

Medical class - groups	Total		5-11 yrs	
Cases	122,580		1,067	
CONSC/ NEURO/ VERTIGO/ HEARING/ VISION	39,401	32.1%	267	25.0%
CONSC/ NEURO/ VERTIGO	37,146	30.3%	263	24.6%
CONSCIOUSNESS/ NEUROLOGICAL (ex headache)	28,034	22.9%	210	19.7%
CONSCIOUSNESS	11,220	9.2%	81	7.6%
Change	1,201	1.0%	2	0.2%
Feeling abnormal	1,168	1.0%	2	0.2%
Mental impairment	5,570	4.5%	46	4.3%
Attention deficit hyperactivity disorder	1	0.0%	1	0.1%
Confusional state	1,192	1.0%	2	0.2%
Delirium	133	0.1%	2	0.2%
Disorientation	304	0.2%	6	0.6%
Presyncope	2,864	2.3%	35	3.3%
Mood	2,085	1.7%	18	1.7%
Anxiety	1,041	0.8%	11	1.0%
Crying	28	0.0%	2	0.2%
Irritability	83	0.1%	4	0.4%
Mood altered	66	0.1%	1	0.1%
Sensitivity	1,382	1.1%	10	0.9%
Hypersensitivity	777	0.6%	6	0.6%
Photophobia	486	0.4%	4	0.4%
Sleep	2,182	1.8%	7	0.7%
Insomnia	1,599	1.3%	1	0.1%
Nightmare	54	0.0%	1	0.1%
Sleep disorder	297	0.2%	5	0.5%
Sleep terror	7	0.0%	1	0.1%
NEUROLOGICAL (ex headache)	1,870	1.5%	4	0.4%
Nerve/ neurological	464	0.4%	1	0.1%
Demyelination	98	0.1%	1	0.1%
Neurological - Facial	1,228	1.0%	2	0.2%
Bell's palsy	639	0.5%	2	0.2%
Neurological - Injury	130	0.1%	1	0.1%
Intracranial pressure increased	23	0.0%	1	0.1%
Neurological - Obstructions	25	0.0%	1	0.1%
Electroencephalogram abnormal	3	0.0%	1	0.1%

Medical class - groups	Total		5-11 yrs	
Cases	122,580		1,067	
OTHER NEUROLOGICAL	18,459	15.1%	144	13.5%
Autoimmune/ Neurlogical disease	400	0.3%	4	0.4%
Multisystem inflammatory syndrome in children	7	0.0%	4	0.4%
Balance/ consciousness	4,952	4.0%	96	9.0%
Hypertensive encephalopathy	1	0.0%	1	0.1%
Loss of consciousness	357	0.3%	5	0.5%
Posture abnormal	3	0.0%	1	0.1%
Syncope	3,534	2.9%	89	8.3%
Numbness	8,141	6.6%	10	0.9%
Hypoaesthesia	2,180	1.8%	2	0.2%
Paraesthesia	6,740	5.5%	9	0.8%
Seizure	4,577	3.7%	42	3.9%
Clonic convulsion	7	0.0%	1	0.1%
Dyskinesia	70	0.1%	1	0.1%
Febrile convulsion	19	0.0%	1	0.1%
Gait disturbance	464	0.4%	1	0.1%
Generalised tonic-clonic seizure	65	0.1%	4	0.4%
Muscle spasms	1,078	0.9%	6	0.6%
Muscle twitching	352	0.3%	1	0.1%
Petit mal epilepsy	20	0.0%	1	0.1%
Posterior reversible encephalopathy syndrome	4	0.0%	1	0.1%
Postictal state	6	0.0%	2	0.2%
Seizure	756	0.6%	15	1.4%
Tardive dyskinesia	1	0.0%	1	0.1%
Tonic clonic movements	25	0.0%	1	0.1%
Tonic convulsion	16	0.0%	1	0.1%
Tremor	1,656	1.4%	7	0.7%
Speech	825	0.7%	4	0.4%
Dysphemia	25	0.0%	1	0.1%
Dysphonia	332	0.3%	3	0.3%
Taste	1,802	1.5%	1	0.1%
Taste disorder	375	0.3%	1	0.1%
Vertigo	13,650	11.1%	72	6.7%
Dizziness	12,413	10.1%	69	6.5%
Dizziness postural	41	0.0%	1	0.1%
Vertigo	1,438	1.2%	2	0.2%

Medical class - groups	Total		5-11 yrs	
<i>Cases</i>	122,580		1,067	
CLOTS/ BRUISING/ BLOOD	6,855	5.6%	11	1.0%
Bruising	1,191	1.0%	6	0.6%
Blood blister	47	0.0%	1	0.1%
Contusion	866	0.7%	3	0.3%
Purpura	47	0.0%	2	0.2%
Stroke	1,074	0.9%	3	0.3%
Basal ganglia haemorrhage	6	0.0%	1	0.1%
Cerebrovascular accident	494	0.4%	1	0.1%
Superior sagittal sinus thrombosis	12	0.0%	1	0.1%
Thrombosis	3,487	2.8%	2	0.2%
Fibrin D dimer increased	1,611	1.3%	2	0.2%
CENTRAL NERVOUS SYSTEM	2,925	2.4%	7	0.7%
Spinal Infections	67	0.1%	1	0.1%
Myelitis transverse	35	0.0%	1	0.1%
Spinal Symptoms	2,796	2.3%	6	0.6%
Back pain	1,682	1.4%	1	0.1%
Neck pain	1,152	0.9%	5	0.5%

Medical class - groups	Total		5-11 yrs	
<i>Cases</i>	122,580		1,067	
HEARING/ VISION	4,579	3.7%	9	0.8%
Deafness	1,767	1.4%	2	0.2%
Deafness	152	0.1%	1	0.1%
Tinnitus	1,417	1.2%	1	0.1%
Vision	2,960	2.4%	7	0.7%
Nystagmus	24	0.0%	1	0.1%
Vision blurred	1,793	1.5%	4	0.4%
Visual impairment	689	0.6%	2	0.2%
UNRESPONSIVE	100	0.1%	1	0.1%
Unresponsive	93	0.1%	1	0.1%
Coma scale abnormal	16	0.0%	1	0.1%

Medical class - groups	Total		5-11 yrs	
Cases	122,580		1,067	
OTHER UNEXPECTED REACTIONS	73,078	59.6%	788	73.9%
RESPIRATORY TRACT	9,999	8.2%	90	8.4%
RESPIRATORY TRACT INFECTIONS	5,867	4.8%	46	4.3%
Covid-19	309	0.3%	29	2.7%
Breakthrough COVID-19	2	0.0%	2	0.2%
COVID-19	167	0.1%	11	1.0%
SARS-CoV-2 antibody test positive	22	0.0%	5	0.5%
SARS-CoV-2 test negative	6	0.0%	2	0.2%
SARS-CoV-2 test positive	81	0.1%	9	0.8%
Lower Respiratory Tract Infections	917	0.7%	2	0.2%
Pneumonia	447	0.4%	2	0.2%
Upper Respiratory Tract Infections	4,722	3.9%	15	1.4%
Influenza like illness	3,941	3.2%	11	1.0%
Nasopharyngitis	363	0.3%	1	0.1%
Respiratory tract infection	35	0.0%	2	0.2%
Tonsillitis	121	0.1%	4	0.4%
RESPIRATORY TRACT ISSUES	2,005	1.6%	33	3.1%
Lower Respiratory Tract Issues	1,867	1.5%	26	2.4%
Asthma	320	0.3%	10	0.9%
Chest X-ray	64	0.1%	1	0.1%
Costochondritis	249	0.2%	3	0.3%
Musculoskeletal chest pain	226	0.2%	7	0.7%
Obstructive airways disorder	21	0.0%	1	0.1%
Pleurisy	75	0.1%	1	0.1%
Pleuritic pain	214	0.2%	1	0.1%
Respiratory distress	28	0.0%	1	0.1%
Respiratory symptom	16	0.0%	1	0.1%
Upper Respiratory Tract Issues	146	0.1%	8	0.7%
Croup infectious	15	0.0%	8	0.7%
(RESP TRACT SYMPTOMS) Cough	2,777	2.3%	17	1.6%
Cough	2,562	2.1%	17	1.6%

Medical class - groups	Total		5-11 yrs	
Cases	122,580		1,067	
GASTROINTESTINAL DISORDERS	29,475	24.0%	327	30.6%
GIT Infection/ inflammation	812	0.7%	9	0.8%
Abdominal lymphadenopathy	3	0.0%	1	0.1%
Enterocolitis	1	0.0%	1	0.1%
Flank pain	73	0.1%	2	0.2%
Gastroenteritis	89	0.1%	3	0.3%
Gastrointestinal infection	9	0.0%	1	0.1%
Gastrooesophageal reflux disease	158	0.1%	1	0.1%
GIT Symptoms	25,112	20.5%	294	27.6%
Abdominal discomfort	393	0.3%	10	0.9%
Abdominal distension	262	0.2%	1	0.1%
Abdominal pain	4,875	4.0%	92	8.6%
Abdominal pain lower	70	0.1%	1	0.1%
Abdominal pain upper	1,052	0.9%	18	1.7%
Abnormal faeces	16	0.0%	1	0.1%
Decreased appetite	1,954	1.6%	18	1.7%
Diarrhoea	4,764	3.9%	36	3.4%
Dyspepsia	284	0.2%	2	0.2%
Epigastric discomfort	15	0.0%	1	0.1%
Eructation	55	0.0%	1	0.1%
Frequent bowel movements	29	0.0%	1	0.1%
Nausea	14,409	11.8%	93	8.7%
Retching	155	0.1%	2	0.2%
Vomiting	5,787	4.7%	128	12.0%
GIT Vascular/ Haemorrhagic	306	0.2%	3	0.3%
Haematemesis	43	0.0%	2	0.2%
Rectal haemorrhage	106	0.1%	1	0.1%
Throat - Upper GIT	4,401	3.6%	44	4.1%
Dysphagia	422	0.3%	2	0.2%
Oesophageal discomfort	2	0.0%	1	0.1%
Oropharyngeal discomfort	309	0.3%	3	0.3%
Oropharyngeal pain	1,763	1.4%	26	2.4%
Pharyngeal paraesthesia	53	0.0%	1	0.1%
Pharyngeal swelling	405	0.3%	1	0.1%
Pharyngitis	94	0.1%	1	0.1%
Throat irritation	568	0.5%	5	0.5%
Throat tightness	786	0.6%	7	0.7%
Weight increase/ hunger	75	0.1%	1	0.1%
Increased appetite	18	0.0%	1	0.1%

Medical class - groups	Total		5-11 yrs	
<i>Cases</i>	<i>122,580</i>		<i>1,067</i>	
REPRODUCTIVE	3,702	3.0%	11	1.0%
Menstrual disorder	2,726	2.2%	6	0.6%
Heavy menstrual bleeding	919	0.7%	1	0.1%
Menstrual disorder	2,259	1.8%	4	0.4%
Oligomenorrhoea	115	0.1%	2	0.2%
Vaginal haemorrhage	180	0.1%	2	0.2%
Reproductive infections	92	0.1%	1	0.1%
Scrotal oedema	2	0.0%	1	0.1%
Reproductive symptoms	360	0.3%	4	0.4%
Scrotal pain	2	0.0%	1	0.1%
Scrotal swelling	6	0.0%	2	0.2%
Testicular pain	44	0.0%	1	0.1%
Testicular swelling	19	0.0%	2	0.2%
URINARY TRACT	1,020	0.8%	14	1.3%
Bladder/ Urinary Tract Symptoms	642	0.5%	10	0.9%
Blood urea increased	6	0.0%	1	0.1%
Dysuria	71	0.1%	2	0.2%
Pollakiuria	137	0.1%	3	0.3%
Polyuria	31	0.0%	1	0.1%
Urinary incontinence	94	0.1%	3	0.3%
Urinary Tract Bleeding	199	0.2%	4	0.4%
Haematuria	100	0.1%	4	0.4%
Urinary Tract Infections	226	0.2%	1	0.1%
Urinary tract infection	197	0.2%	1	0.1%
ORGANS/ GLANDS	2,453	2.0%	19	1.8%
Kidney	605	0.5%	3	0.3%
Henoch-Schonlein purpura	11	0.0%	1	0.1%
IgA nephropathy	13	0.0%	2	0.2%
Protein urine present	2	0.0%	1	0.1%
Liver	675	0.6%	5	0.5%
Aspartate aminotransferase increased	3	0.0%	1	0.1%
C-reactive protein increased	323	0.3%	4	0.4%
Other organ/ glands	750	0.6%	11	1.0%
Appendicitis	217	0.2%	7	0.7%
Basedow's disease	34	0.0%	1	0.1%
Goitre	7	0.0%	1	0.1%
Lipase increased	11	0.0%	1	0.1%
Splenomegaly	23	0.0%	1	0.1%

Medical class - groups	Total		5-11 yrs	
<i>Cases</i>	<i>122,580</i>		<i>1,067</i>	
EXTREMITIES	7,130	5.8%	29	2.7%
Limb/ peripheral	7,114	5.8%	29	2.7%
Axillary pain	425	0.3%	4	0.4%
Chillblains	54	0.0%	1	0.1%
Limb discomfort	565	0.5%	1	0.1%
Limb injury	9	0.0%	1	0.1%
Pain in extremity	4,917	4.0%	19	1.8%
Peripheral swelling	1,053	0.9%	4	0.4%
SKIN	13,859	11.3%	259	24.3%
Allergic rash	2,240	1.8%	20	1.9%
Pruritus	2,213	1.8%	20	1.9%
Burning - skin	1,098	0.9%	1	0.1%
Skin warm	18	0.0%	1	0.1%
Pallor	989	0.8%	72	6.7%
Pallor	989	0.8%	72	6.7%
Rash	9,443	7.7%	179	16.8%
Eczema	69	0.1%	1	0.1%
Erythema	614	0.5%	7	0.7%
Erythema multiforme	28	0.0%	2	0.2%
Kawasaki's disease	5	0.0%	4	0.4%
Pityriasis rosea	45	0.0%	1	0.1%
Psoriasis	34	0.0%	2	0.2%
Rash	5,233	4.3%	69	6.5%
Rash erythematous	246	0.2%	9	0.8%
Rash papular	75	0.1%	4	0.4%
Rash pruritic	819	0.7%	23	2.2%
Rash vesicular	73	0.1%	3	0.3%
Urticaria	2,202	1.8%	64	6.0%
Skin	1,190	1.0%	11	1.0%
Alopecia	81	0.1%	1	0.1%
Cutaneous vasculitis	18	0.0%	1	0.1%
Cyanosis	77	0.1%	4	0.4%
Dermatitis	53	0.0%	1	0.1%
Molluscum contagiosum	2	0.0%	1	0.1%
Pain of skin	88	0.1%	1	0.1%
Skin discolouration	119	0.1%	1	0.1%
Yellow skin	7	0.0%	1	0.1%

Medical class - groups	Total		5-11 yrs	
<i>Cases</i>	<i>122,580</i>		<i>1,067</i>	
FACE/ EYES/ EARS	9,355	7.6%	103	9.7%
EARS (ex Deafness)	866	0.7%	4	0.4%
Ear infection	90	0.1%	2	0.2%
Ear pain	411	0.3%	1	0.1%
Ear swelling	26	0.0%	1	0.1%
EYES (ex Vision)	2,268	1.9%	35	3.3%
Conjunctival hyperaemia	5	0.0%	2	0.2%
Conjunctivitis	57	0.0%	3	0.3%
Corneal reflex decreased	1	0.0%	1	0.1%
Erythromelalgia	5	0.0%	1	0.1%
Excessive eye blinking	2	0.0%	1	0.1%
Eye irritation	96	0.1%	1	0.1%
Eye movement disorder	24	0.0%	1	0.1%
Eye pain	555	0.5%	2	0.2%
Eye pruritus	130	0.1%	2	0.2%
Eye swelling	235	0.2%	12	1.1%
Eyelid oedema	19	0.0%	1	0.1%
Glassy eyes	5	0.0%	1	0.1%
Lacrimation increased	113	0.1%	1	0.1%
Mydriasis	16	0.0%	1	0.1%
Ocular hyperaemia	189	0.2%	7	0.7%
Periorbital oedema	33	0.0%	1	0.1%
Periorbital swelling	87	0.1%	3	0.3%
Sensation of foreign body	56	0.0%	2	0.2%
Swelling of eyelid	68	0.1%	1	0.1%
FACE	1,254	1.0%	24	2.2%
Facial - rash	225	0.2%	10	0.9%
Rash macular	110	0.1%	5	0.5%
Rash maculo-papular	95	0.1%	5	0.5%
Facial - Swelling/ injury	723	0.6%	11	1.0%
Swelling face	589	0.5%	11	1.0%
Jaw	326	0.3%	3	0.3%
Pain in jaw	285	0.2%	2	0.2%
Trismus	28	0.0%	1	0.1%

Medical class - groups	Total		5-11 yrs	
<i>Cases</i>	<i>122,580</i>		<i>1,067</i>	
MOUTH	3,447	2.8%	24	2.2%
Mouth	3,345	2.7%	24	2.2%
Chapped lips	7	0.0%	1	0.1%
Cheilitis	9	0.0%	1	0.1%
Lip discolouration	5	0.0%	1	0.1%
Lip dry	14	0.0%	1	0.1%
Lip swelling	610	0.5%	9	0.8%
Lip ulceration	9	0.0%	1	0.1%
Mouth ulceration	229	0.2%	2	0.2%
Oral candidiasis	21	0.0%	1	0.1%
Oral disorder	6	0.0%	1	0.1%
Oral pruritus	19	0.0%	3	0.3%
Paraesthesia oral	984	0.8%	1	0.1%
Perioral dermatitis	3	0.0%	1	0.1%
Swollen tongue	658	0.5%	1	0.1%
Tongue discomfort	43	0.0%	2	0.2%
Tongue dry	5	0.0%	1	0.1%
Tongue pruritus	18	0.0%	2	0.2%
NOSE	2,444	2.0%	28	2.6%
Nasal	1,698	1.4%	17	1.6%
Nasal congestion	324	0.3%	3	0.3%
Nasal discomfort	20	0.0%	1	0.1%
Rhinorrhoea	777	0.6%	11	1.0%
Sinusitis	252	0.2%	1	0.1%
Sneezing	138	0.1%	5	0.5%
Nose bleed	780	0.6%	11	1.0%
Epistaxis	780	0.6%	11	1.0%

Medical class - groups	Total		5-11 yrs	
<i>Cases</i>	<i>122,580</i>		<i>1,067</i>	
AUTOIMMUNE SYMPTOMS	8,838	7.2%	55	5.2%
Lymph node	5,502	4.5%	31	2.9%
Axillary mass	46	0.0%	1	0.1%
Lymph node pain	249	0.2%	1	0.1%
Lymphadenitis	63	0.1%	4	0.4%
Lymphadenopathy	5,136	4.2%	24	2.2%
Lymphadenopathy mediastinal	3	0.0%	1	0.1%
Pre-existing	2,091	1.7%	16	1.5%
Concomitant disease aggravated	1,907	1.6%	16	1.5%
White blood cell/ platelet	1,414	1.2%	8	0.7%
Haemoglobin decreased	30	0.0%	1	0.1%
Inflammatory marker increased	35	0.0%	2	0.2%
Lymphopenia	19	0.0%	2	0.2%
Thrombocytopenia	797	0.7%	3	0.3%
White blood cell count increased	56	0.0%	1	0.1%
HOMEOSTATIS - BLOOD	4,557	3.7%	17	1.6%
Blood pressure	3,686	3.0%	7	0.7%
Blood pressure increased	852	0.7%	1	0.1%
Blood pressure measurement	18	0.0%	1	0.1%
Hypotension	625	0.5%	5	0.5%
Diabetic/ glucose	326	0.3%	5	0.5%
Blood glucose abnormal	10	0.0%	1	0.1%
Blood glucose increased	99	0.1%	1	0.1%
Diabetes mellitus	25	0.0%	1	0.1%
Diabetic ketoacidosis	17	0.0%	3	0.3%
Type 1 diabetes mellitus	16	0.0%	2	0.2%
Other - blood/ hormone	631	0.5%	5	0.5%
Blood creatine increased	10	0.0%	1	0.1%
C-reactive protein	45	0.0%	1	0.1%
Hypothyroidism	20	0.0%	1	0.1%
Red blood cell count decreased	9	0.0%	1	0.1%
Red blood cell sedimentation rate	1	0.0%	1	0.1%
Red blood cell sedimentation rate increased	47	0.0%	1	0.1%
Serum ferritin increased	11	0.0%	1	0.1%

Medical class - groups	Total		5-11 yrs	
<i>Cases</i>	<i>122,580</i>		<i>1,067</i>	
INFECTION	2,390	1.9%	21	2.0%
Herpes	1,620	1.3%	14	1.3%
Herpes zoster	1,304	1.1%	7	0.7%
Oral herpes	160	0.1%	2	0.2%
Varicella	16	0.0%	5	0.5%
Infections/ bacteria/ viral	788	0.6%	7	0.7%
Inflammation	270	0.2%	2	0.2%
Neutrophilia	11	0.0%	1	0.1%
Secretion discharge	14	0.0%	1	0.1%
Staphylococcal bacteraemia	4	0.0%	1	0.1%
Staphylococcal infection	22	0.0%	1	0.1%
Staphylococcus test positive	2	0.0%	1	0.1%
Streptococcus test	1	0.0%	1	0.1%
Viral infection	128	0.1%	1	0.1%
PAIN/ SWELLING (ex general)	713	0.6%	3	0.3%
Arthritis	428	0.3%	1	0.1%
Epidemic polyarthritis	2	0.0%	1	0.1%
Mass/ cyst	228	0.2%	2	0.2%
Chest wall mass	2	0.0%	1	0.1%
Empyema	4	0.0%	1	0.1%

Medical class - groups	Total		5-11 yrs	
Cases	122,580		1,067	
REACTION (ex injection site)	4,860	4.0%	109	10.2%
Adverse event unspecified	937	0.8%	5	0.5%
Adverse event following immunisation	829	0.7%	5	0.5%
Allergy	53	0.0%	1	0.1%
Food allergy	10	0.0%	1	0.1%
Anaphalactic	1,291	1.1%	1	0.1%
Anaphylactic reaction	1,246	1.0%	1	0.1%
Drug reaction	261	0.2%	4	0.4%
Sepsis	106	0.1%	1	0.1%
Serum sickness	2	0.0%	1	0.1%
Vaccine breakthrough infection	41	0.0%	2	0.2%
Error	2,217	1.8%	97	9.1%
Expired product administered	280	0.2%	6	0.6%
Inappropriate schedule of product administration	159	0.1%	3	0.3%
Incorrect dosage administered	16	0.0%	3	0.3%
Incorrect dose administered	140	0.1%	18	1.7%
Multiple use of single-use product	2	0.0%	1	0.1%
Product administered to patient of inappropriate age	334	0.3%	36	3.4%
Product preparation issue	21	0.0%	5	0.5%
Underdose	57	0.0%	4	0.4%
Vaccination error	1,799	1.5%	92	8.6%
Wrong product administered	197	0.2%	11	1.0%
Ineffective	79	0.1%	1	0.1%
Drug ineffective	43	0.0%	1	0.1%
No adverse event	54	0.0%	1	0.1%

Medical class - groups	Total		5-11 yrs	
<i>Cases</i>	122,580		1,067	
TOTAL EXPECTED REACTIONS	66,859	54.5%	360	33.7%
(CONSC) Neurological - Headache	32,288	26.3%	109	10.2%
Head discomfort	300	0.2%	1	0.1%
Headache	30,477	24.9%	106	9.9%
Migraine	1,783	1.5%	3	0.3%
(REACT) Injection site	20,470	16.7%	83	7.8%
Administration site irritation	1	0.0%	1	0.1%
Extensive swelling of vaccinated limb	188	0.2%	1	0.1%
Injection site erythema	416	0.3%	1	0.1%
Injection site pain	5,204	4.2%	24	2.2%
Injection site rash	316	0.3%	4	0.4%
Injection site reaction	12,542	10.2%	52	4.9%
Injection site swelling	811	0.7%	1	0.1%
Vaccination site reaction	77	0.1%	1	0.1%
COMMON RESPONSE (ex Vertigo)	30,297	24.7%	155	14.5%
Fatigue	18,638	15.2%	87	8.2%
Asthenia	1,535	1.3%	4	0.4%
Fatigue	14,667	12.0%	46	4.3%
Malaise	4,032	3.3%	40	3.7%
Lethargy	13,154	10.7%	79	7.4%
Exercise tolerance decreased	103	0.1%	1	0.1%
Lethargy	11,884	9.7%	75	7.0%
Listless	15	0.0%	1	0.1%
Muscular weakness	874	0.7%	1	0.1%
Somnolence	392	0.3%	3	0.3%

Medical class - groups	Total		5-11 yrs	
<i>Cases</i>	122,580		1,067	
PAIN/ SWELLING (general)	15,240	12.4%	41	3.8%
Pain	14,079	11.5%	32	3.0%
Arthralgia	11,965	9.8%	25	2.3%
Pain	2,258	1.8%	8	0.7%
Swelling	1,404	1.1%	10	0.9%
Angioedema	540	0.4%	9	0.8%
Swelling	747	0.6%	1	0.1%
<i>Total reactions mentioned</i>	<i>398,293</i>	<i>3.2</i>	<i>2,837</i>	<i>2.7</i>

Medical class - groups	Total		5-11 yrs	
<i>Cases</i>	122,580		1,067	
MUSCLES/ SKELETON	20,695	16.9%	59	5.5%
Fracture	70	0.1%	2	0.2%
Ankle fracture	7	0.0%	1	0.1%
Radius fracture	1	0.0%	1	0.1%
Muscular/ tendon	19,295	15.7%	47	4.4%
Hypotonia	12	0.0%	2	0.2%
Muscle fatigue	43	0.0%	1	0.1%
Myalgia	18,841	15.4%	44	4.1%
Musculoskeletal/ joint	1,690	1.4%	10	0.9%
Joint instability	2	0.0%	1	0.1%
Joint swelling	321	0.3%	1	0.1%
Musculoskeletal discomfort	95	0.1%	1	0.1%
Musculoskeletal pain	99	0.1%	1	0.1%
Musculoskeletal stiffness	628	0.5%	3	0.3%
Osteomyelitis	2	0.0%	1	0.1%
Synovitis	13	0.0%	2	0.2%
TEMPERATURE	28,676	23.4%	167	15.7%
Dehydration	446	0.4%	4	0.4%
Dehydration	178	0.1%	1	0.1%
Polydipsia	19	0.0%	1	0.1%
Thirst	245	0.2%	3	0.3%
Sweating/ flushes	5,274	4.3%	46	4.3%
Cold sweat	920	0.8%	20	1.9%
Flushing	849	0.7%	5	0.5%
Hyperhidrosis	2,771	2.3%	20	1.9%
Night sweats	290	0.2%	1	0.1%
Temperature change	25,071	20.5%	128	12.0%
Chills	10,443	8.5%	8	0.7%
Feeling cold	522	0.4%	2	0.2%
Feeling hot	1,111	0.9%	11	1.0%
Feeling of body temperature change	368	0.3%	1	0.1%
Pyrexia	16,772	13.7%	109	10.2%
Temperature regulation disorder	10	0.0%	1	0.1%