WASHINGTON STATE CHILD RESTRAINT MIS-USE – FY 2024

MIS-USE BY CHILD AGE

Child Age / Any Misuse	Birth-1	1-2	2-3	3-4	4-6	6-8	8+	Not Applicable/Missing	Totals	Inspection Year (Federal Fiscal)	
No	2024		22.6%	25.4%	16.6%	15.6%	20.3%	38.6%	44.7%	33.0%	**27.5%**
Yes	2024		77.4%	74.6%	83.4%	84.4%	79.7%	61.4%	55.3%	67.0%	**72.5%**
Totals			100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	**100.0%**

MIS-USE BY SEAT TYPE
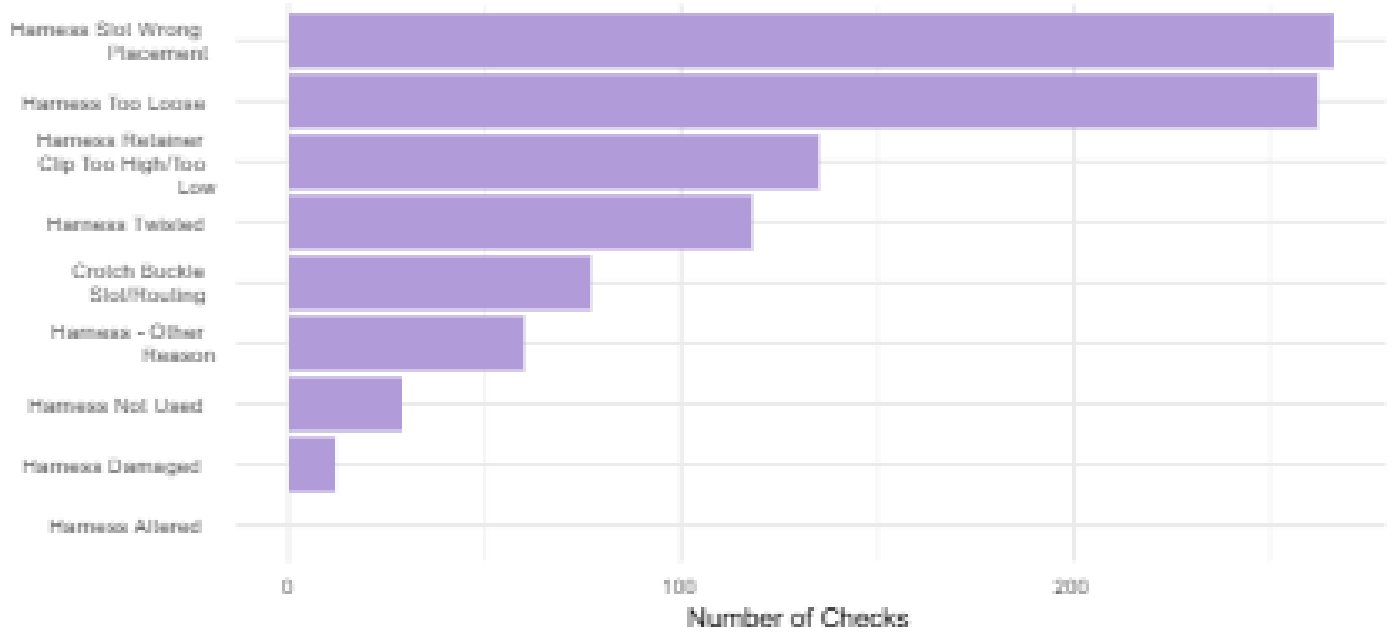
Any Misuse	Inspection Year (Federal Fiscal)	Arrival Car Seat Type	Booster Seat	FF with Harness	Lap-and-shoulder Belt	Not Applicable/ Missing	Other	RF Convertible	RF Only	Totals
No	2024		50.0%	13.3%	18.0%		33.3%	31.0%	29.1%	**27.5%**
Yes	2024		50.0%	86.7%	82.0%	100.0%	66.7%	69.0%	70.9%	**72.5%**
Totals			100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	**100.0%**

Misuse Type	Misuse Percentage	Checks Analyzed
Harness	71.0%	737
Manufacturer Direction	3.6%	1940
Handle Position	11.9%	987
Recline Angle	20.3%	1594
Load Leg	24.0%	383
Lower Anchor	39.8%	1296
Tether	52.4%	332
Seatbelt	61.3%	855
Overall	**72.8%**	**2114**

BREAKDOWN OF TWO MOST COMMON MIS-USE

Harness

Chart: Number of Checks by harness mis-use reason
- Harness Slot Wrong Placement (~275)
- Harness Too Loose (~270)
- Harness Retainer Clip Too High/Too Low (~140)
- Harness Twisted (~120)
- Crotch Buckle Slot/Routing (~75)
- Harness - Other Reason (~60)
- Harness Not Used (~32)
- Harness Damaged (~15)
- Harness Altered (~0)

Number of Checks

Seat Belt

Chart: Number of Checks by seat belt mis-use reason
- Seat Belt Too Loose (~275)
- Seat Belt Used with Lower Anchors (~190)
- Seat Belt Retractor Not Locked (~150)
- Seat Belt Routed Incorrectly (~50)
- Seat Belt Didn't Fit Child Properly (Booster) (~20)
- Seat Belt - Other Reason (~18)
- Seat Belt and Locking Clip Misused (~5)

Number of Checks