

COVID Vaccines VAERS Data by Lot Number

Preliminary Analysis

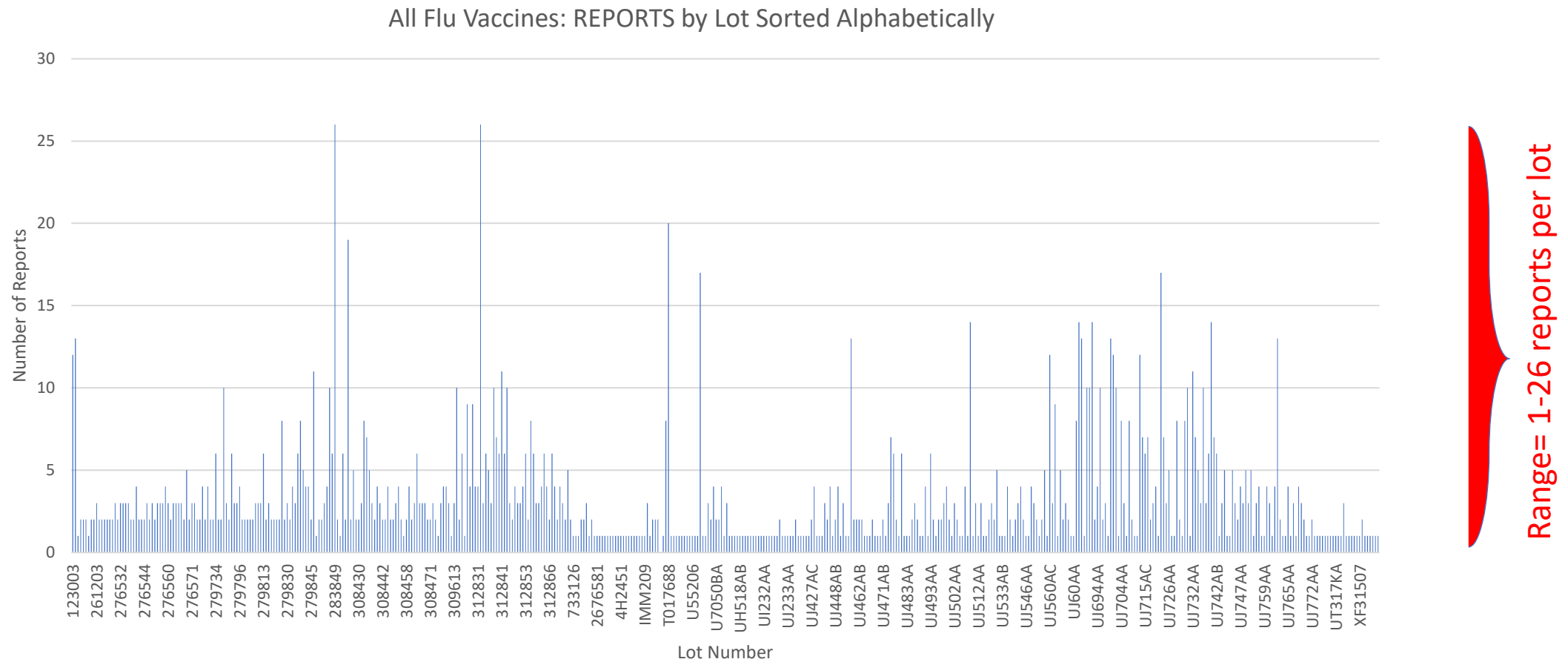
Background and Summary

- Dataset was pulled from public VAERS database as of October 15, 2021 (procedure steps available on request)
- Includes Pfizer, Moderna and Janssen, preliminary analysis focused on Pfizer and Moderna
- Control dataset generated for flu vaccines from all manufacturers from VAERS
- **Finding 1:** Highly significant differences in all adverse event reports (AE Reports) and deaths reports (Deaths) exist among different lot numbers (Lots):
 - Small but very distinct portion of lots have unusually high AE Reports and Deaths
- **Finding 2:** Lots with high AE Reports and Deaths numbers were split and sent to many US states (13-50), while the vast majority of lots went to a few states (fewer than 13).
- Note: we do not have reliable information about standard lot size, news articles indicate average lot size of 1000 vials (approx. 6000 doses)

Control Dataset – Flu Vaccine Adverse Event Reports for All Manufacturers, summary statistics

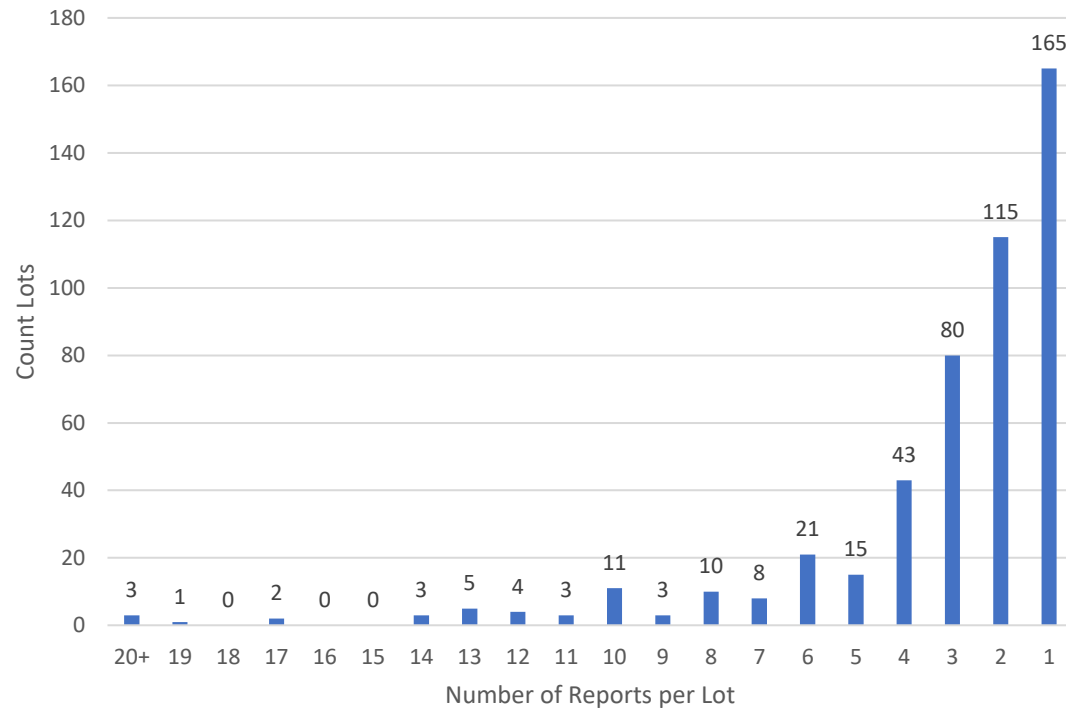
	AE REPORTS	DEATHS	HOSPITAL
Total	1,608	15	73
Average/lot	3	0	0
st dev	3	0	0
Median/lot	2	-	-
min/lot	-	-	-
max/lot	26	2	3
Total Count of Lot Numbers		494	

Control Dataset – Variation of Adverse Event Reports by lot for all flu vaccines

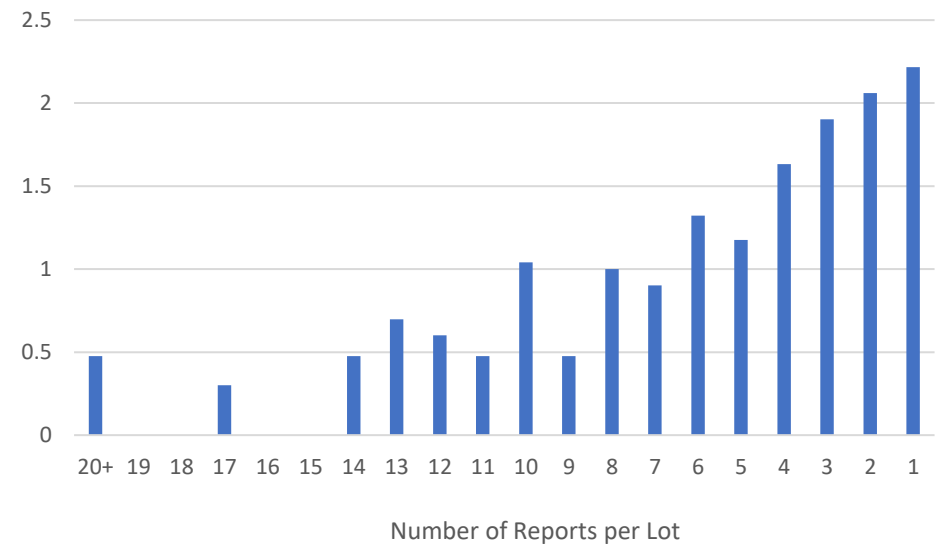


Control Dataset – Flu Vaccine Adverse Event Reports by Lot

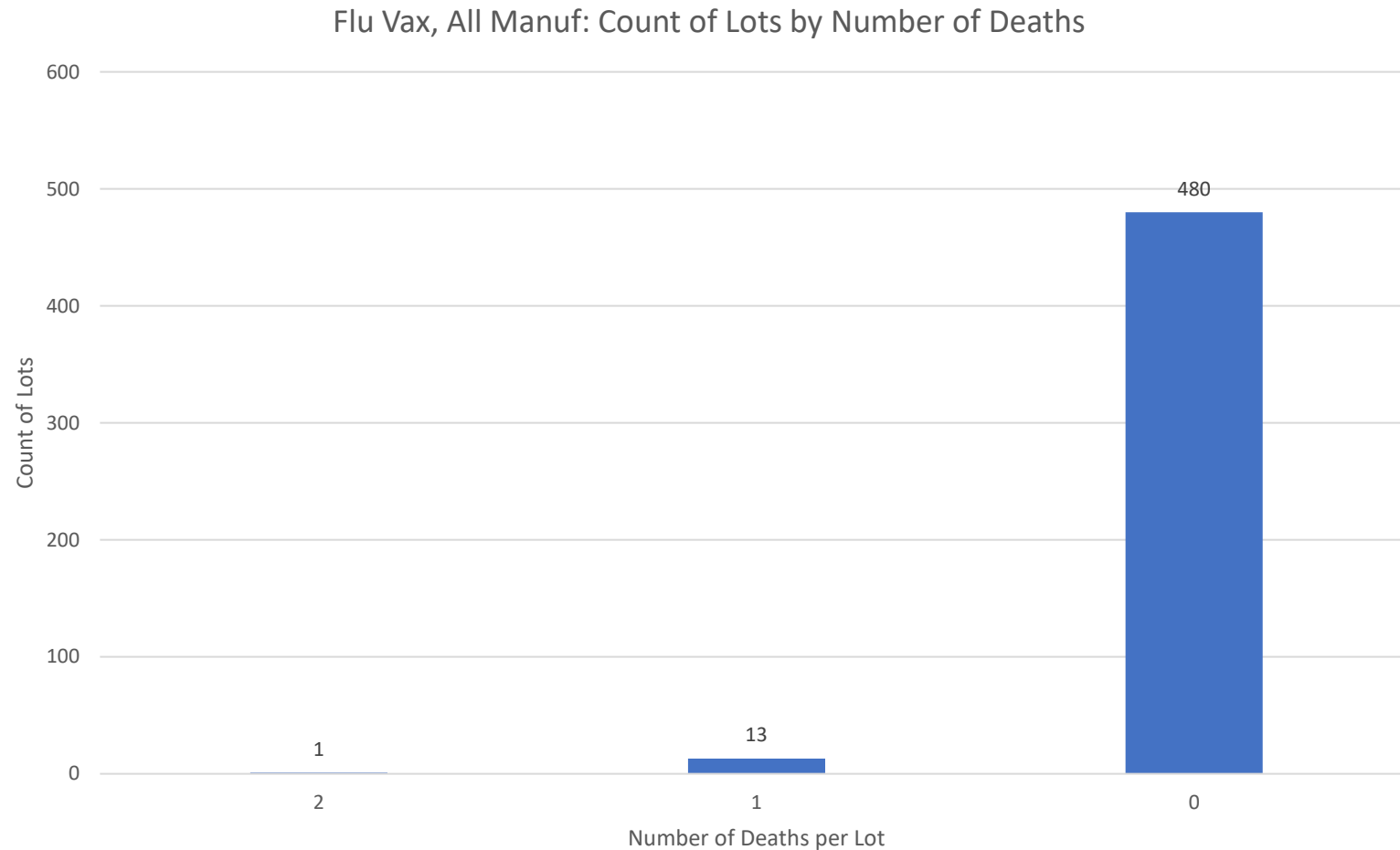
FLU VAX, ALL MANUF: Count of lots by Number of Reports/Lot



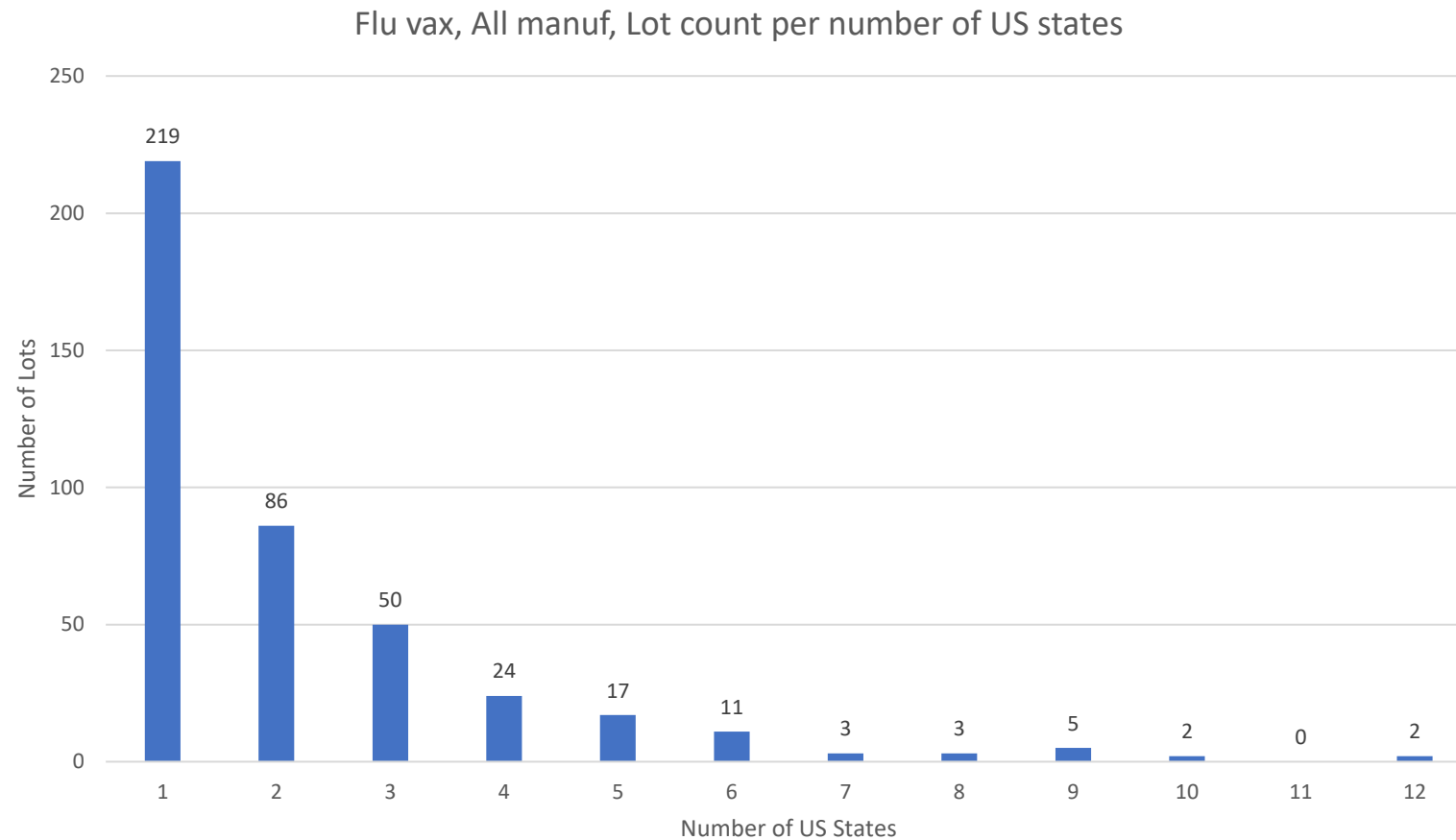
Same data log10



Control Dataset – Flu Vaccines: Number of Lots by Deaths/Lot



Control Dataset, Flu Vaccines – No lots sent to greater than 12 states

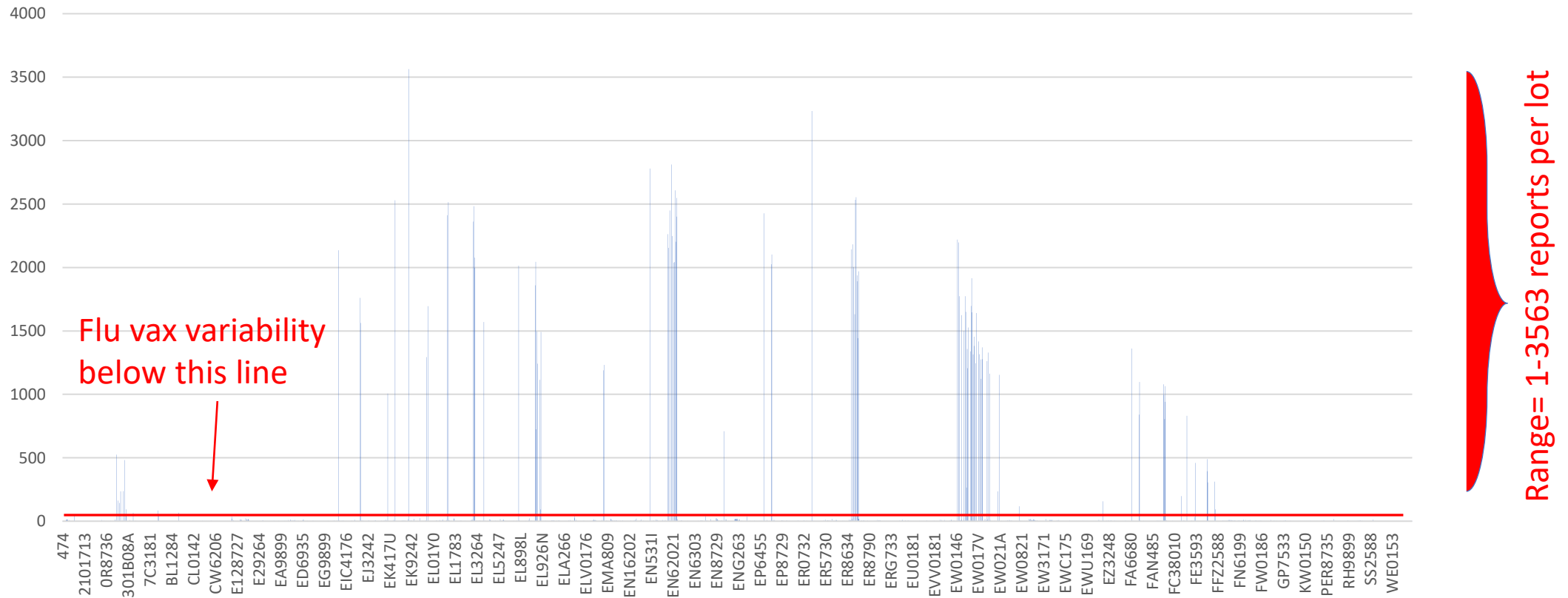


Covid Vaccines: Pfizer Dataset – Summary Statistics

	AE REPORTS	DEATHS	HOSPITALIZED
Total	171,463	2,828	14,262
Average/lot	38	1	3
st dev	257	6	24
median/lot	1	-	-
min/lot	1	-	-
max/lot	3,563	113	413
Total Count of Lots	4522		

Pfizer Dataset – Unusually High Variation of AE Reports by Lot Number

Number of Adverse Events Reported by Pfizer Lot
(Sorted Alphabetically by Lot)

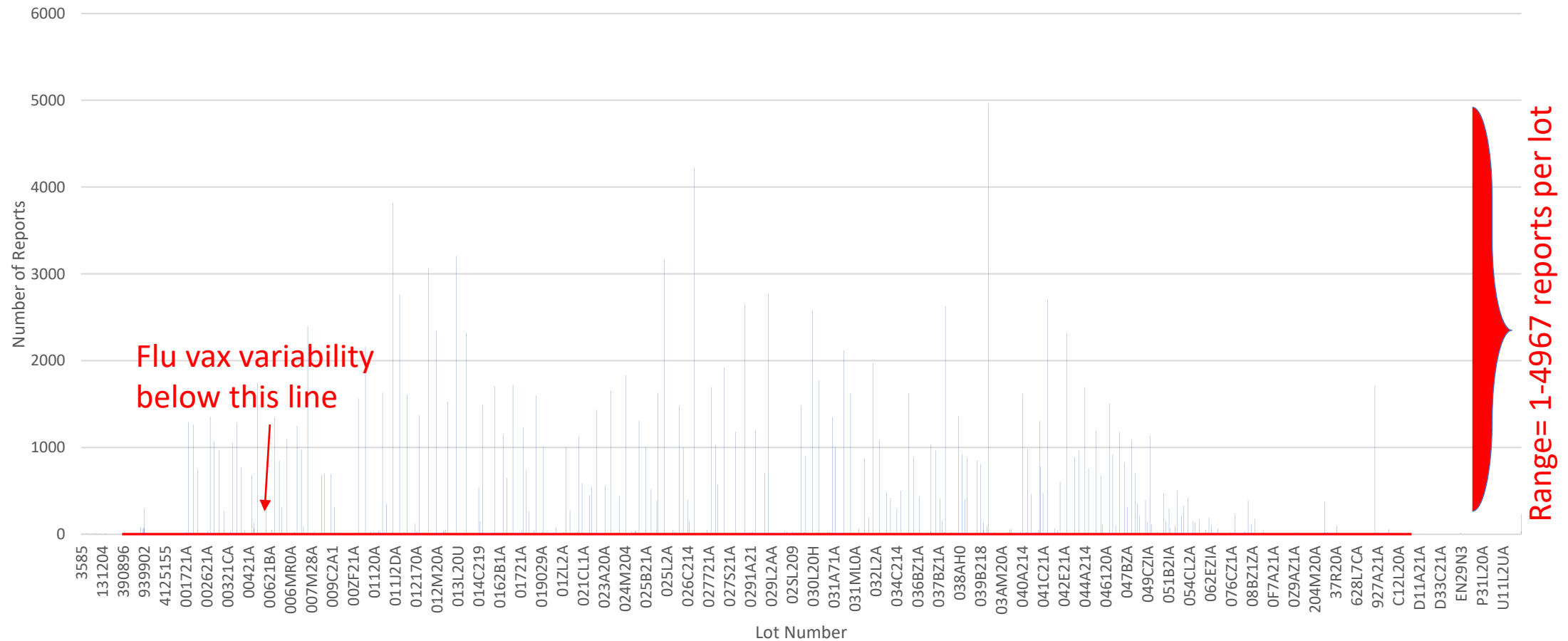


Covid Vaccines: Moderna Dataset Summary Statistics

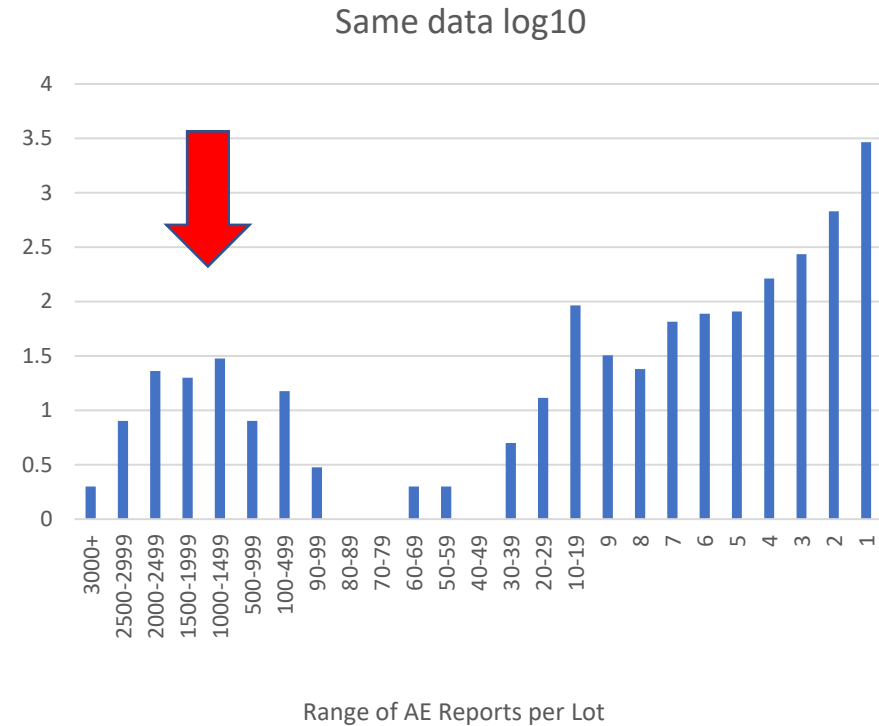
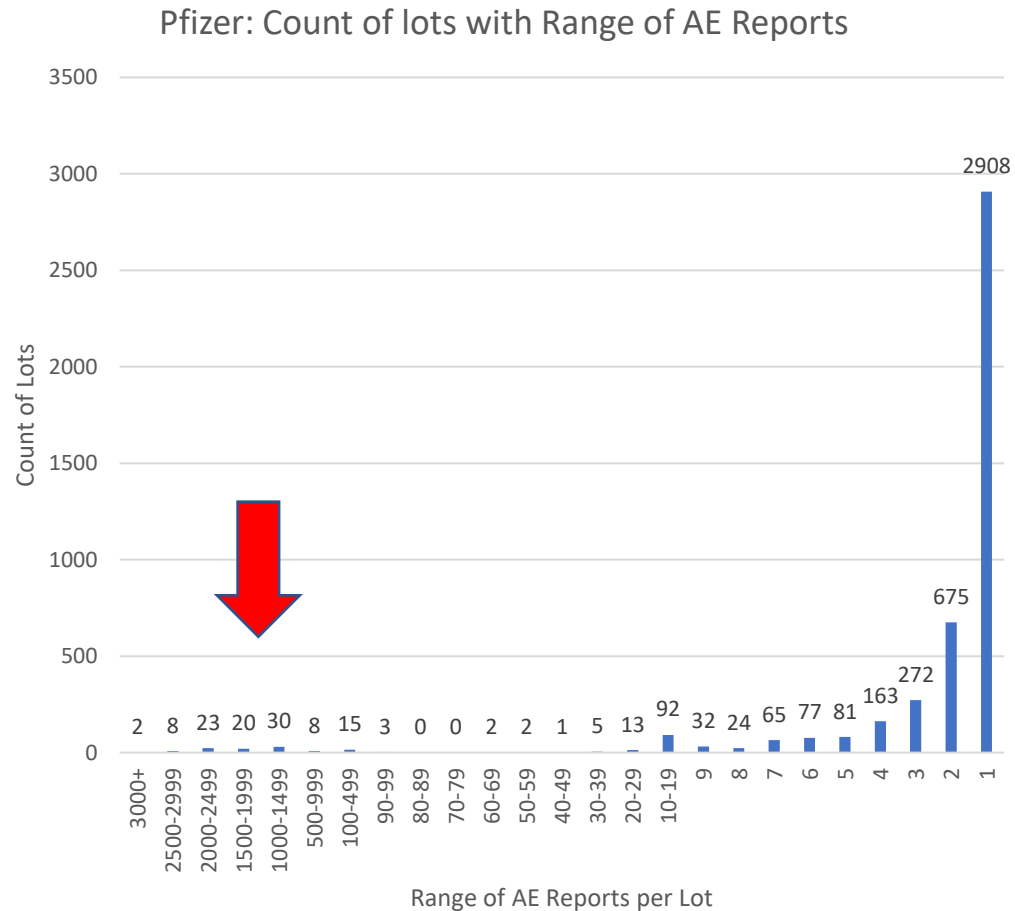
	AE REPORTS	DEATHS	HOSPITALIZED
Total	188,998	2,603	10,225
Average	34	0	2
st dev	231	4	13
median	1	-	-
min/lot	1	-	-
max/lot	4,967	94	193
Total Count of Lots	5,510		

Moderna Dataset – Unusually High Variation of Reports by Lot

Reported Adverse Events for Moderna Sorted Alphabetically by Lot Number

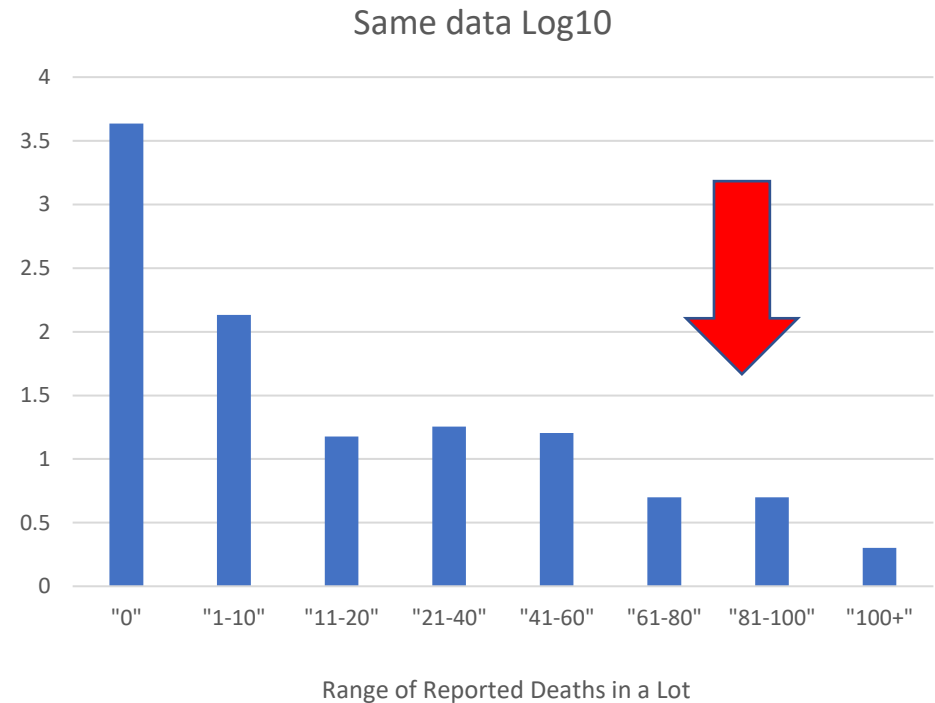
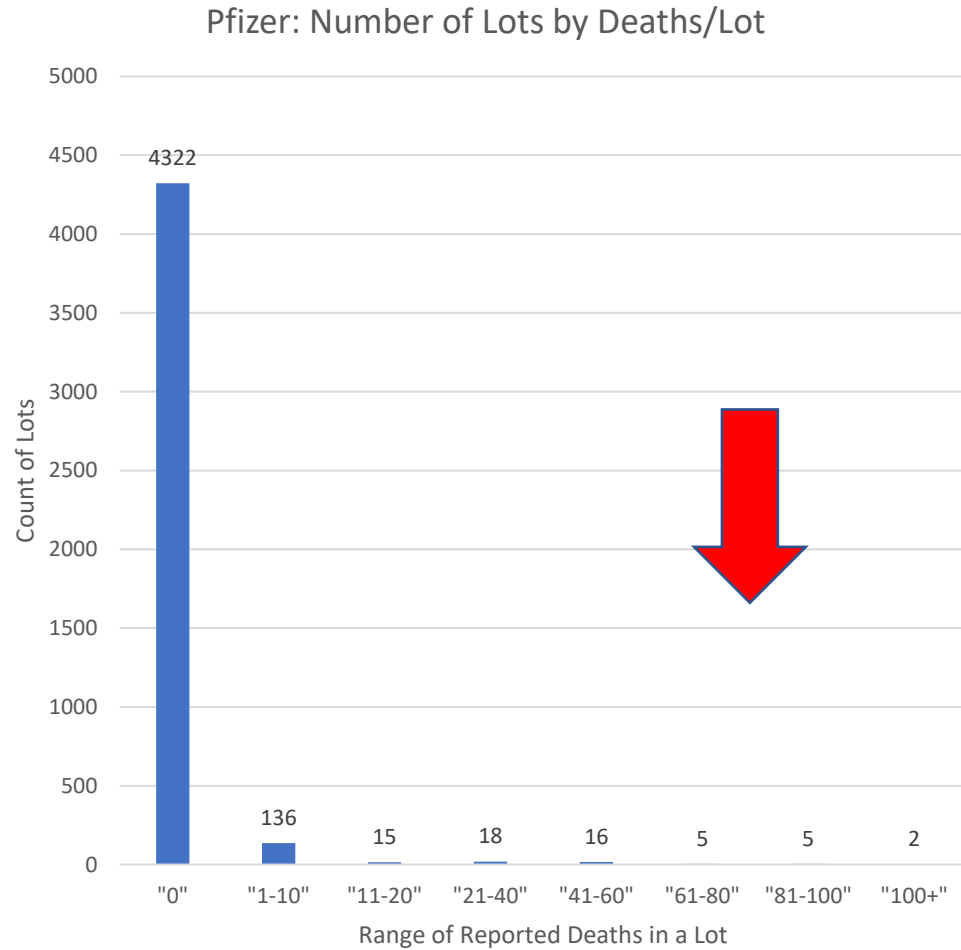


Finding 1: Pfizer – Some lots associated with very high AE Reports per Lot

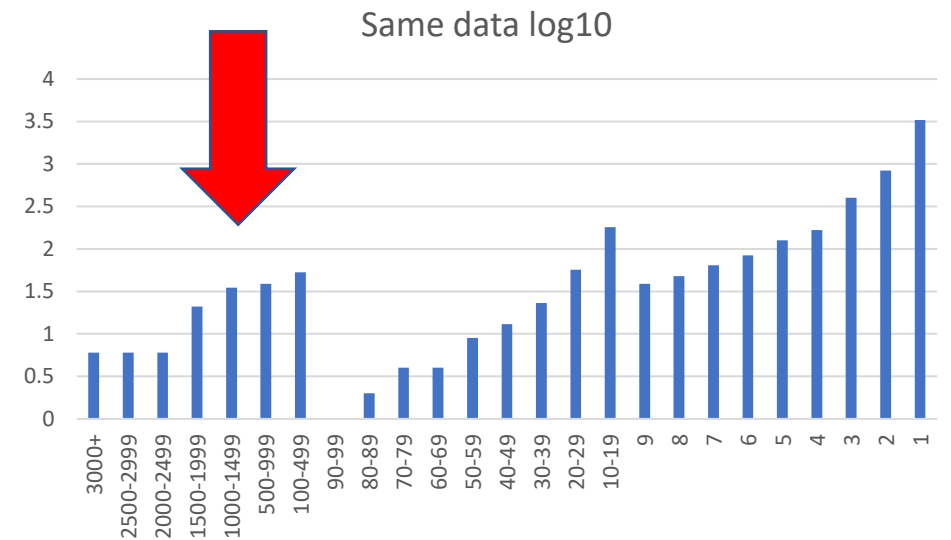
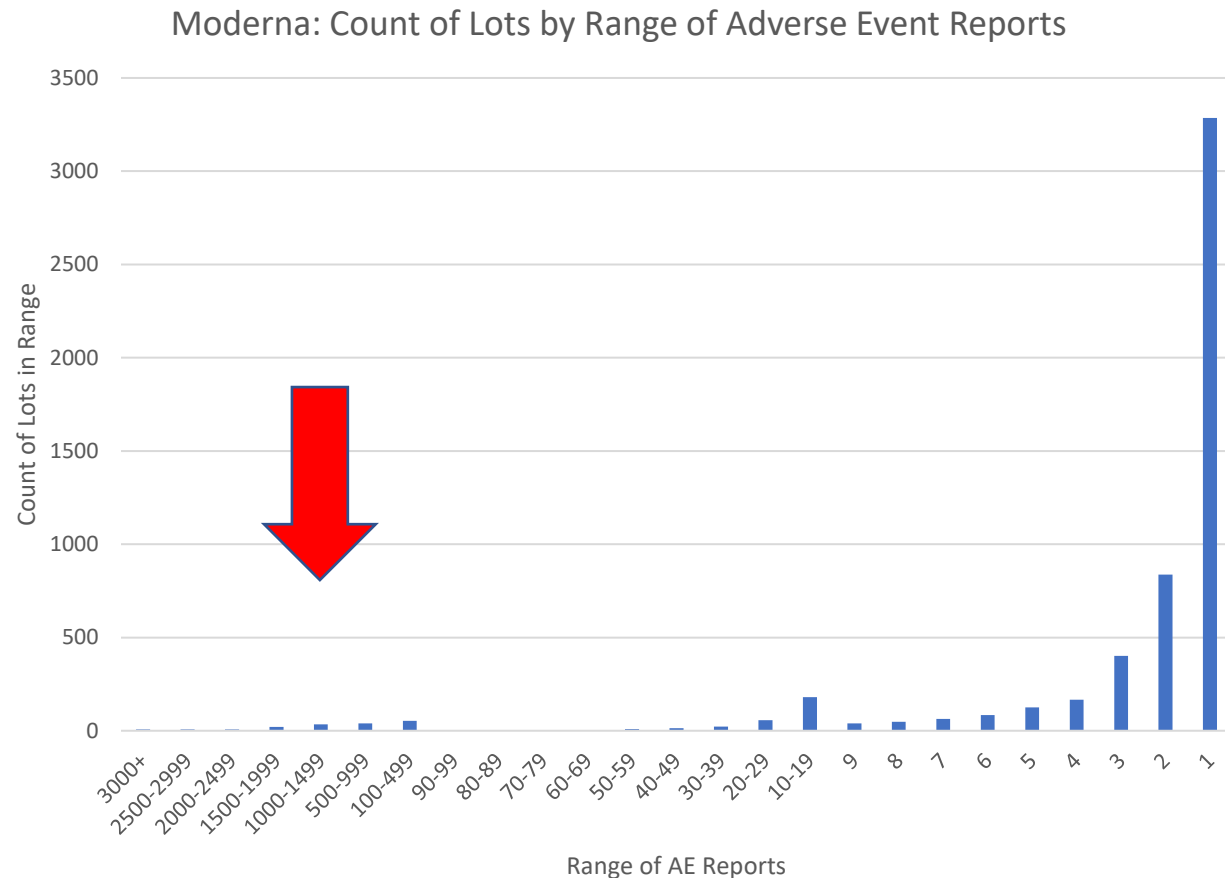


2 different distributions?
“dangerous” vs “benign” lots?

Finding 1: Pfizer – Some lots associated with very high Deaths per lot

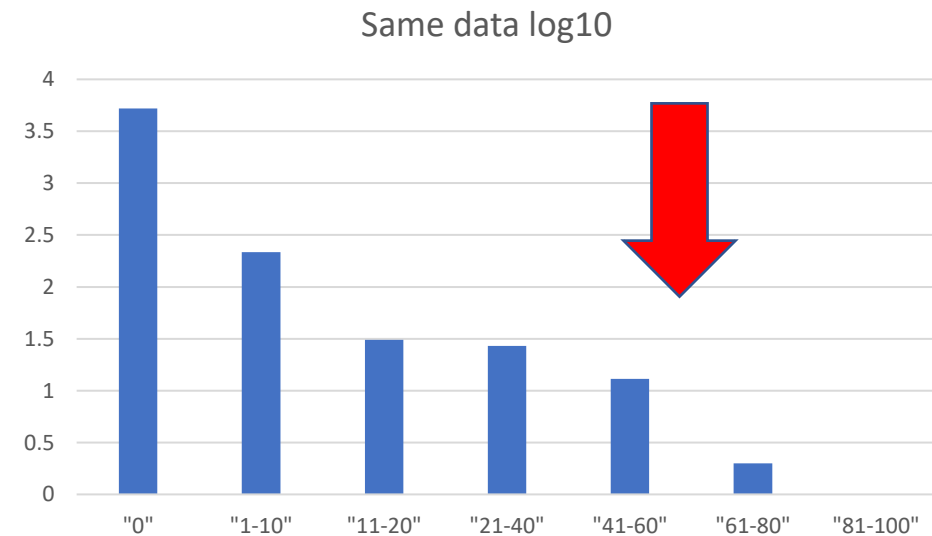
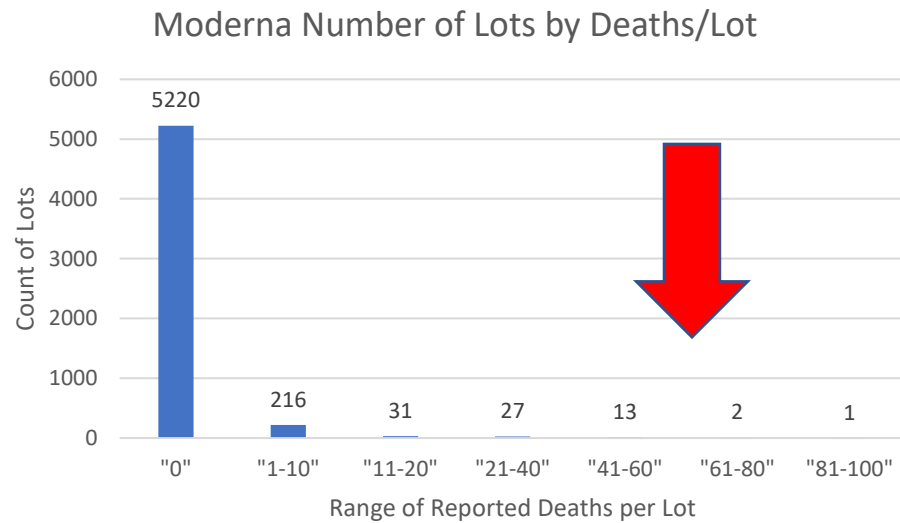


Finding 1: Moderna – Some lots associated with very high AE Reports per lot



2 different distributions?
"dangerous" vs "benign" lots?

Finding 1: Moderna – Some lots associated with very high Deaths per Lot



Finding 2: Pfizer Lots sent to 13-50 states Have Unusually High AE Reports and Deaths

Lots Sent to 13-50 states*

	AE REPORTS	DEATHS	HOSPITAL	STATES
Total	166,170	2,799	14,155	
Average/lot	1,278	22	109	42
st dev	893	26	101	12
median	1,331	9	90	47
Min/lot	18	-	-	13
Max/lot	3,598	114	420	57
Total Count of Lots		130		

Lots Sent to <13 states**

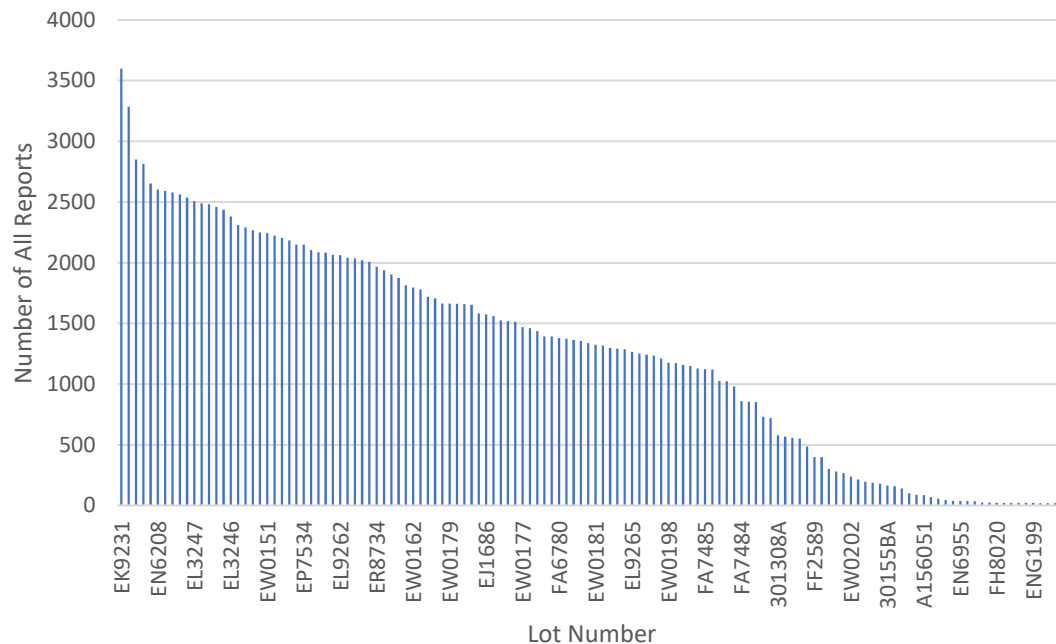
	AE REPORTS	DEATHS	HOSPITAL	STATES
Total	9,141	99	657	
Average/lot	2	0	0	2
st dev	3	0	1	2
median	1	-	-	1
min/lot	1	-	-	1
max/lot	118	2	20	12
Total Count of Lots		4,289		

*Note max number of states =57 due to mistyped state names in VAERS

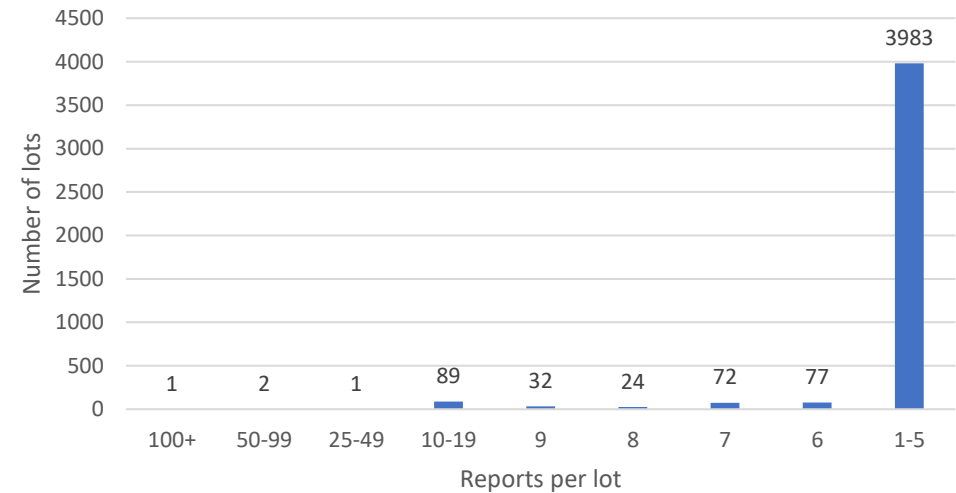
**12 state cut off was chosen based on the highest #states/lot from flu vaccine dataset

Finding 2: Pfizer – Unusually High AE Reports from Lots that went to 13-50 states

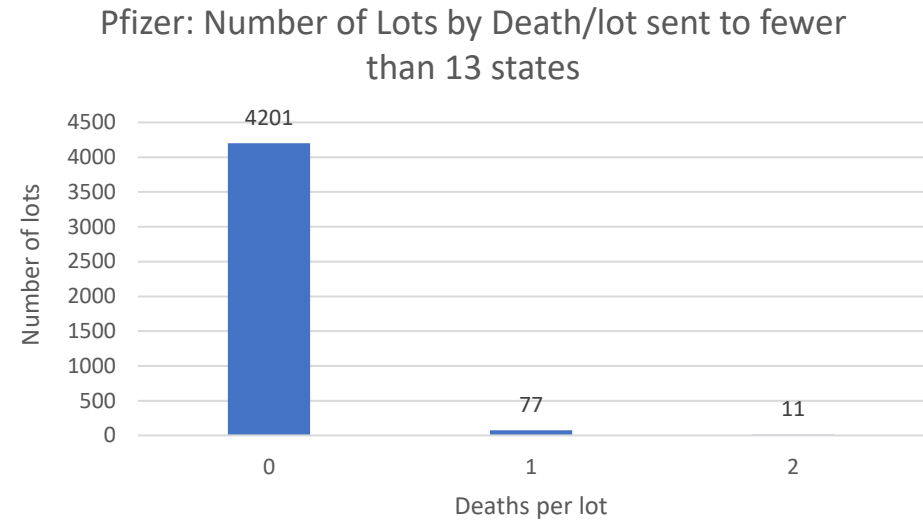
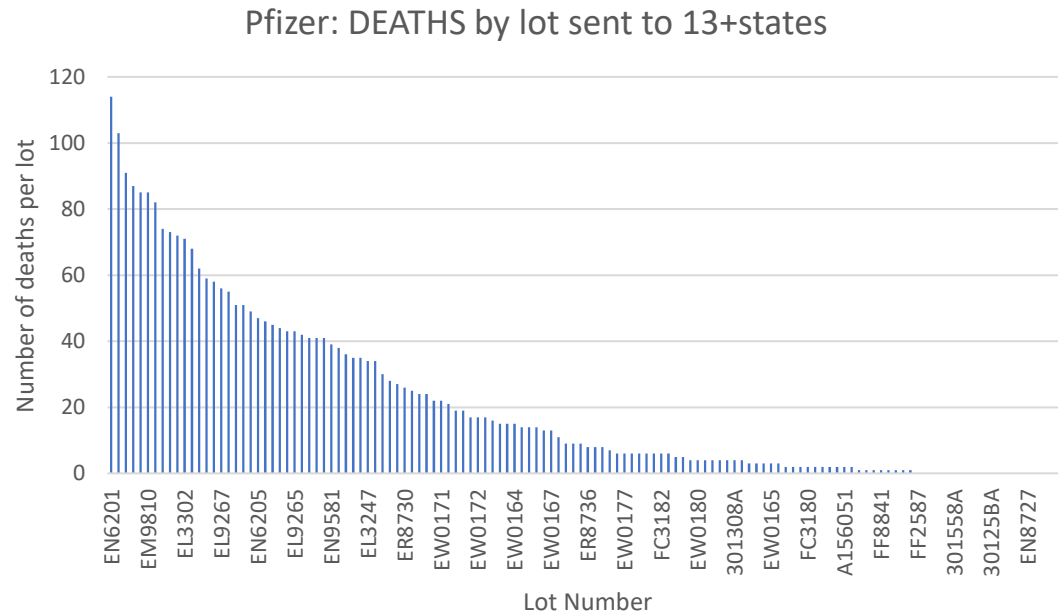
Pfizer: Number of AE Reports by LOT Sent to 13+ states



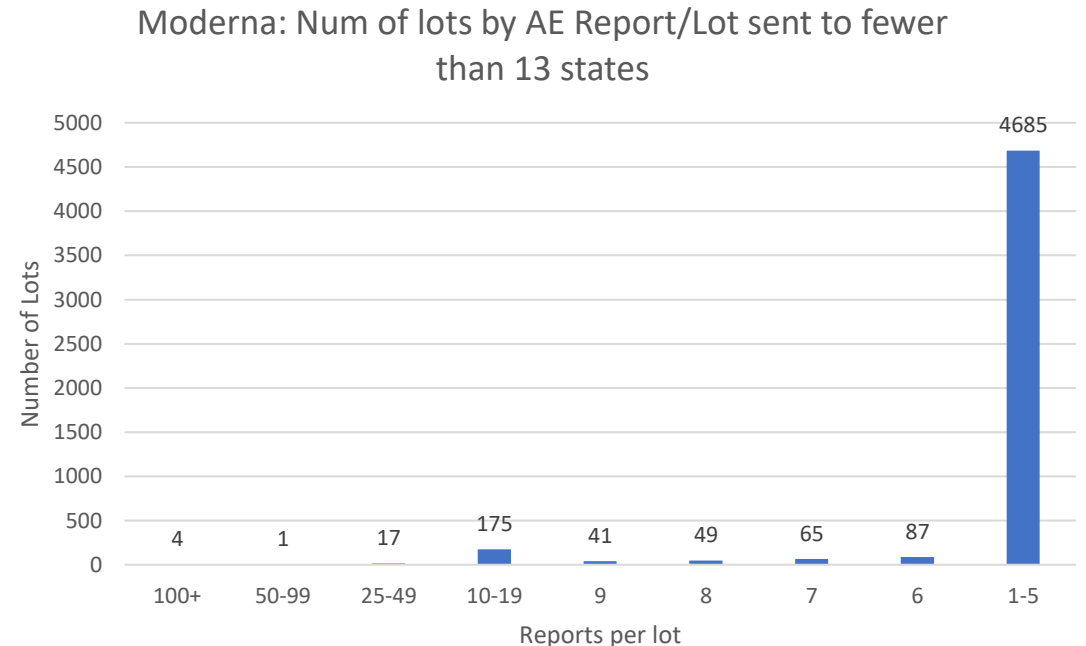
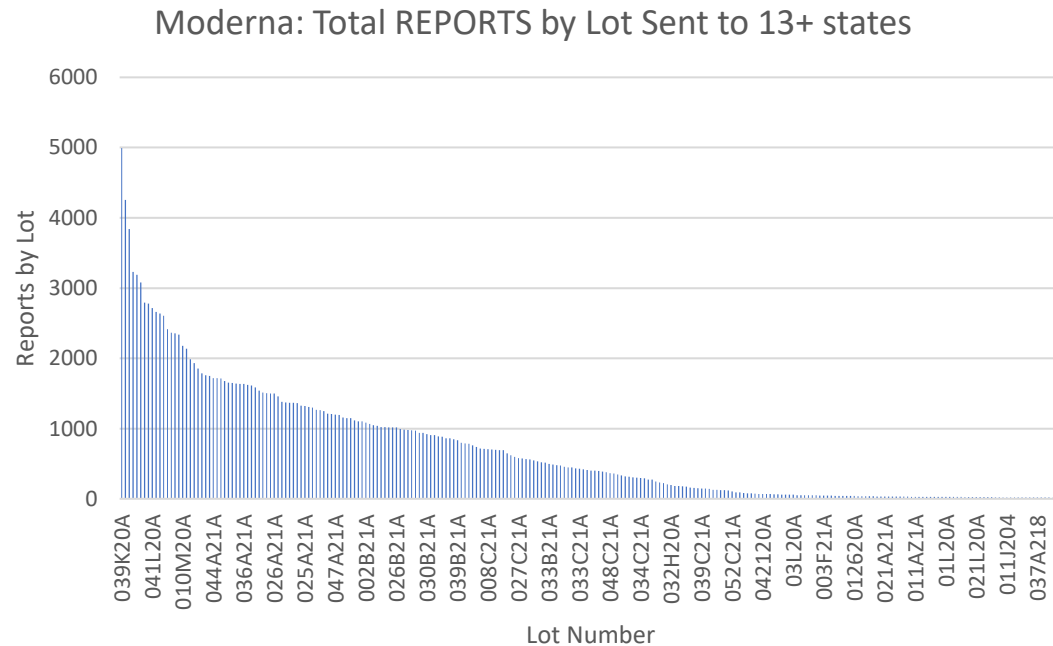
Pfizer: Number of Lots by AE Reports per lot sent to fewer than 13 states



Finding 2: Pfizer – Unusually High Deaths from Lots sent to 13-50 States



Finding 2: Moderna – Unusually High AE Reports from Lots sent to 13-50 States



Finding 2: Moderna – Unusually High Deaths from Lots sent to 13-50 States

