Alphabetical Code For Calculating Toxicity of Your Batch

By Craig Paardekooper

This system only applies to Pfizer, since we only have batch sizes (number of doses administered) for Pfizer.

All the Pfizer batch codes were ordered alphabetically. For each Pfizer batch the number of adverse reports in VAERS was divided by the size of the batch in doses, in order to get adverse reactions per dose.

Here are the results

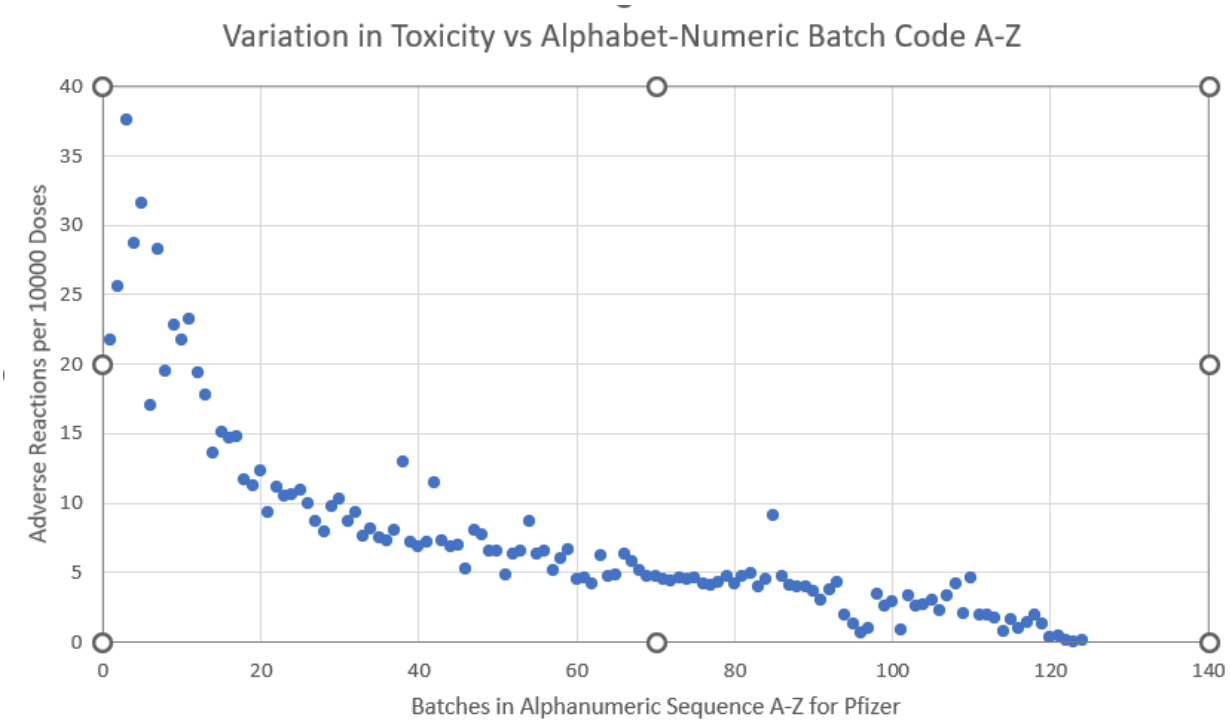
LOT	SIZE	ADR	Adverse per 10000 Doses
Eh9899	810225	2069	25.53611651
Ej1685	773175	1679	21.71565299
EJ1686	620100	1587	25.59264635
EK4176	322725	1213	37.58618018
Ek5730	875550	2512	28.69053738
EK9231	1089075	3443	31.61398434
EL0140	726375	1235	17.00223714
EL0142	632775	1790	28.28809608
EL1283	1159275	2262	19.51219512
EL1284	1010295	2300	22.76562786
EL3246	995475	2164	21.73836611
EL3247	1077375	2506	23.26023901
EL3248	993525	1930	19.42578194
EL3249	1121250	1987	17.7212932
EL3302	1083225	1475	13.61674629
EL8982	1274325	1917	15.0432582
EL9261	1210950	1782	14.71571906
EL9262	1303575	1929	14.79776768
EL9263	568425	666	11.7165853
EL9264	1269450	1423	11.20957895
EL9265	961350	1186	12.33681802
EL9266	1219725	1132	9.280780504
EL9267	992550	1104	11.12286535
EL9269	1374750	1438	10.46008365
EM9809	1101750	1173	10.64669843
EM9810	1014975	1110	10.93622996
EN5318	2644200	2619	9.904697073
EN6198	2589210	2253	8.701495823
EN6199	2696850	2129	7.894395313
EN6200	2388555	2337	9.784158204
EN6201	2620800	2686	10.248779
EN6202	2615145	2279	8.714621943
EN6203	2218125	2069	9.327697943
EN6204	2697240	2057	7.626314306
EN6205	3224130	2626	8.14483287
EN6206	2960100	2224	7.513259687
EN6207	3334500	2436	7.305443095
EN6208	3149640	2537	8.054888813
EN9581	544050	702	12.90322581

EP6955	3443310	2460	7.14428849
Ep7533	2935530	1996	6.799453591
ep7534	2930850	2106	7.185628743
ER2613	2764710	3177	11.49125948
ER8727	2950740	2153	7.296474783
ER8729	3216330	2213	6.880512883
ER8730	2896920	2023	6.983278793
ER8731	3140280	1653	5.263861821
er8732	3180060	2554	8.031295007
ER8733	3335670	2562	7.680615888
ER8734	3017430	1964	6.508850247
ER8735	2877030	1876	6.520613271
ER8736	3140280	1519	4.83714828
ER8737	3081780	1941	6.298308121
EW0150	3539250	2322	6.560712015
EW0151	2606760	2248	8.623732143
ew0153	2808000	1783	6.3497151
Ew0158	2645370	1724	6.517046765
EW0161	3100500	1579	5.09272698
EW0162	3060720	1832	5.985519747
EW0164	2638350	1753	6.644304205
EW0165	611910	277	4.526809498
ew0167	3079440	1415	4.594991297
EW0168	2946060	1222	4.147912806
EW0169	2652390	1645	6.20195371
EW0170	2953080	1403	4.750971867
EW0171	3545100	1706	4.812276099
EW0172	3182400	2019	6.344268477
EW0173	3140280	1806	5.751079522
EW0175	2638350	1357	5.143366119
EW0176	3022110	1417	4.688777047
EW0177	3189420	1486	4.659154329
EW0178	2822040	1267	4.489659962
EW0179	3837600	1692	4.409005629
EW0180	3078270	1417	4.603234934
EW0181	2984670	1327	4.446052662
ew0182	2885220	1330	4.609700473
EW0183	2965950	1243	4.190900049
EW0185	3492450	1437	4.114590044
EW0186	3033810	1311	4.321298961
EW0187	3065400	1442	4.704116918
ew0191	3281850	1380	4.204945381
EW0196	2922660	1384	4.735412261
EW0198	2373930	1181	4.97487289
ew0202	650520	257	3.950685605
EW0217	2857140	1271	4.448504449
EY0584	413010	374	9.055470812
FA6780	3032550	1437	4.738586338
FA7484	2182500	883	4.045819015
FA7485	2993850	1187	3.964794495
FC3180	3046950	1195	3.921954742

FC3181	3129750	1125	3.594536305
FC3182	3254400	991	3.045108161
FC3183	3179250	1191	3.746166549
FC3184	3209400	1374	4.281174051
FD0809	3357750	639	1.903060085
FD0810	542400	68	1.253687316
FD7218	2720250	180	0.661703888
FD7220	10530	1	0.949667616
FD8448	2771550	955	3.445725316
FE3590	3309930	851	2.571051352
FE3592	3085290	897	2.907344204
FE3594	3548610	292	0.822857401
FF2587	2889900	954	3.301152289
FF2588	3015090	784	2.600254055
FF2589	3045510	829	2.722039987
ff2590	3213990	976	3.036723823
FF2593	3338010	764	2.288788829
FF8839	2783430	927	3.330423255
FF8841	2961270	1230	4.153623276
fg3527	3287700	654	1.989232594
FH8020	2868840	1325	4.618591486
FH8027	2992860	570	1.904532788
FH8028	2944890	560	1.901599041
fh8030	2996370	501	1.672023148
fj1611	2757690	216	0.783264254
FJ1620	3252600	514	1.580274242
FJ8757	3368430	342	1.015309803
FJ8762	2989350	402	1.344773948
FK5127	10556600	2006	1.90023303
FK5618	8891300	1095	1.231540945
FL0007	11777900	331	0.281034819
fl3197	2928510	134	0.457570573
fl3198	3086460	40	0.12959831
FL8094	5447200	5	0.009179028
FL8095	5468800	30	0.054856641

Remember, that this is simply an ordering by alphabet from A to Z for the first column.

So I then plotted the fourth column on a chart to see how the adverse reactions per dose varied. Here is the result –



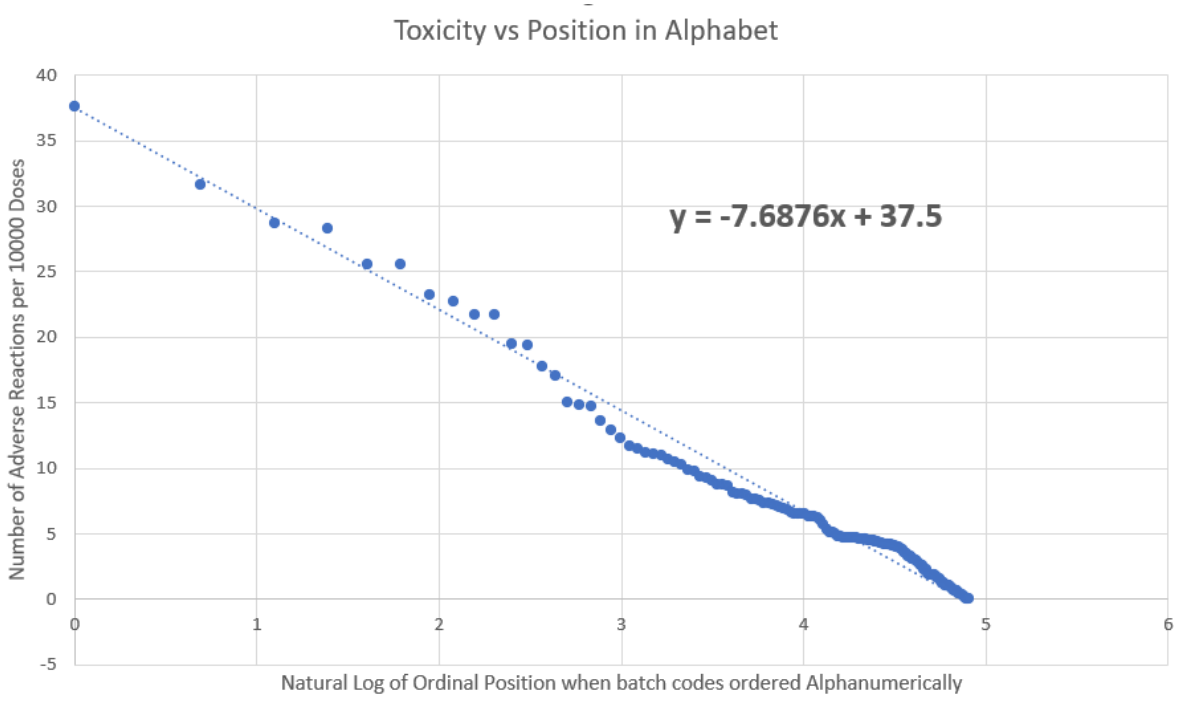
The chart shows a very clear logarithmic reduction in toxicity over the entire series of batches listed opposite.

The equation that fits this curve is

$y = -7.358\ln(x) + 36.13$

where Y = number of adverse reactions per 10,000 doses, X = the ordinal position of the batch code in the alphabet

To show you how crazy this is, I created a graph of Y plotted against $\text{Log}_e X$ and got a perfect straight line.



The chart becomes a straight line of constant gradient !!

How to Use This Chart to calculate the Toxicity of Your Batch

This will give you an idea of the relative toxicity of your batch compared to others.

1. If your jab was a Pfizer jab, then look at the first two alphabet letters of the batch code. The higher up in the alphabet your code is (A→Z), the less toxic it is.

2. Find the code in the table printed above, and you can read off the adverse reactions per 10,000 doses.

What Can Explain This ?

The toxicities do not step down, but rather they appear to decline continuously over the whole of 2021. If this is what happened, then it would require the constant reformulation of every new batch in tiny incremental steps. However, this would be extremely expensive and laborious for the government to do. It also does not make any logical sense, because if reduction of toxicity was the aim, then I would expect them to drop the toxicity in abrupt, discrete steps which would require far less frequent adjustment of ingredients.

So, what is going on?

The curve looks very much like a decay curve – with a half-life.

Its possible that the graph depicts a continuous decay of an active ingredient. In other words, the contents of all batches were manufactured in 2020 and decayed continually from that time on. The batch codes merely indicate the dates when various portions of this stock were distributed. In this case the decay will have a half-life with which we should be able to predict the number of adverse reactions in 2022. The half-life may also help us identify the toxin being used.

Further Analysis Needed

I will have to repeat this for looking at SERIOUS reactions – those with an outcome of death, disability, ER, hospitalization.

I will also have to combine this chart with one for 2022 batches. Then people will be able to see the toxicity of every batch compared to the others.