

date	state	deathTOTAL	deathIncreaseDAILY	hospitalized TOTAL	hospitalized daily
3/7/2020	MT			0	0
3/8/2020	MT			0	0
3/9/2020	MT			0	0
3/10/2020	MT			0	0
3/11/2020	MT			0	0
3/12/2020	MT			0	0
3/13/2020	MT			0	0
3/14/2020	MT			0	0
3/15/2020	MT			0	0
3/16/2020	MT			0	0
3/17/2020	MT			0	0
3/18/2020	MT			0	0
3/19/2020	MT			0	0
3/20/2020	MT			0	0
3/21/2020	MT			0	0
3/22/2020	MT			0	0
3/23/2020	MT			0	0
3/24/2020	MT			0	0
3/25/2020	MT			0	0
3/26/2020	MT			0	1
3/27/2020	MT			0	7
3/28/2020	MT	1	1	7	0
3/29/2020	MT	1	0	8	1
3/30/2020	MT	4	3	10	2
3/31/2020	MT	4	0	14	4
4/1/2020	MT	5	1	17	3
4/2/2020	MT	5	0	20	3
4/3/2020	MT	5	0	24	4
4/4/2020	MT	5	0	24	0
4/5/2020	MT	6	1	24	0
4/6/2020	MT	6	0	24	0
4/7/2020	MT	6	0	28	4
4/8/2020	MT	6	0	31	3
4/9/2020	MT	6	0	36	5
4/10/2020	MT	6	0	41	5
4/11/2020	MT	6	0	46	5
4/12/2020	MT	6	0	47	1
4/13/2020	MT	7	1	47	0
4/14/2020	MT	7	0	50	3
4/15/2020	MT	7	0	51	1
4/16/2020	MT	7	0	52	1
4/17/2020	MT	8	1	54	2
4/18/2020	MT	10	2	55	1
4/19/2020	MT	10	0	55	0
4/20/2020	MT	10	0	57	2
4/21/2020	MT	12	2	59	2
4/22/2020	MT	14	2	59	0
4/23/2020	MT	14	0	59	0
4/24/2020	MT	14	0	59	0

4/25/2020 MT	14	0	61	2
4/26/2020 MT	14	0	61	0
4/27/2020 MT	14	0	61	0
4/28/2020 MT	15	1	61	0
4/29/2020 MT	16	1	61	0
4/30/2020 MT	16	0	61	0
5/1/2020 MT	16	0	61	0
5/2/2020 MT	16	0	61	0
5/3/2020 MT	16	0	61	0
5/4/2020 MT	16	0	62	1
5/5/2020 MT	16	0	62	0
5/6/2020 MT	16	0	62	0
5/7/2020 MT	16	0	62	0
5/8/2020 MT	16	0	62	0
5/9/2020 MT	16	0	62	0
5/10/2020 MT	16	0	62	0
5/11/2020 MT	16	0	62	0
5/12/2020 MT	16	0	63	1
5/13/2020 MT	16	0	63	0
5/14/2020 MT	16	0	63	0
5/15/2020 MT	16	0	63	0
5/16/2020 MT	16	0	63	0
5/17/2020 MT	16	0	63	0
5/18/2020 MT	16	0	64	1
5/19/2020 MT	16	0	65	1
5/20/2020 MT	16	0	65	0
5/21/2020 MT	16	0	65	0
5/22/2020 MT	16	0	65	0
5/23/2020 MT	16	0	65	0
5/24/2020 MT	16	0	65	0
5/25/2020 MT	16	0	65	0
5/26/2020 MT	17	1	65	0
5/27/2020 MT	17	0	66	1
5/28/2020 MT	17	0	66	0
5/29/2020 MT	17	0	67	1
5/30/2020 MT	17	0	67	0
5/31/2020 MT	17	0	67	0
6/1/2020 MT	17	0	67	0
6/2/2020 MT	17	0	67	0
6/3/2020 MT	17	0	68	1
6/4/2020 MT	17	0	68	0
6/5/2020 MT	18	1	68	0
6/6/2020 MT	18	0	68	0
6/7/2020 MT	18	0	69	1
6/8/2020 MT	18	0	69	0
6/9/2020 MT	18	0	72	3
6/10/2020 MT	18	0	74	2
6/11/2020 MT	18	0	74	0
6/12/2020 MT	18	0	77	3
6/13/2020 MT	18	0	77	0

6/14/2020 MT	19	1	77	0
6/15/2020 MT	19	0	78	1
6/16/2020 MT	19	0	79	1
6/17/2020 MT	20	1	78	-1
6/18/2020 MT	20	0	81	3
6/19/2020 MT	20	0	82	1
6/20/2020 MT	20	0	85	3
6/21/2020 MT	20	0	89	4
6/22/2020 MT	21	1	90	1
6/23/2020 MT	21	0	91	1
6/24/2020 MT	21	0	93	2
6/25/2020 MT	21	0	93	0
6/26/2020 MT	22	1	95	2
6/27/2020 MT	22	0	95	0
6/28/2020 MT	22	0	97	2
6/29/2020 MT	22	0	100	3
6/30/2020 MT	22	0	101	1
7/1/2020 MT	22	0	105	4
7/2/2020 MT	22	0	106	1
7/3/2020 MT	23	1	109	3
7/4/2020 MT	23	0	112	3
7/5/2020 MT	23	0	112	0
7/6/2020 MT	23	0	112	0
7/7/2020 MT	23	0	117	5
7/8/2020 MT	23	0	117	0
7/9/2020 MT	25	2	120	3
7/10/2020 MT	28	3	123	3
7/11/2020 MT	29	1	127	4
7/12/2020 MT	29	0	128	1
7/13/2020 MT	32	3	133	5
7/14/2020 MT	34	2	136	3
7/15/2020 MT	34	0	145	9
7/16/2020 MT	35	1	150	5
7/17/2020 MT	37	2	159	9
7/18/2020 MT	37	0	164	5
7/19/2020 MT	37	0	165	1
7/20/2020 MT	39	2	167	2
7/21/2020 MT	40	1	174	7
7/22/2020 MT	42	2	179	5
7/23/2020 MT	43	1	183	4
7/24/2020 MT	46	3	191	8
7/25/2020 MT	46	0	195	4
7/26/2020 MT	46	0	199	4
7/27/2020 MT	47	1	201	2
7/28/2020 MT	51	4	205	4
7/29/2020 MT	54	3	211	6
7/30/2020 MT	55	1	221	10
7/31/2020 MT	60	5	230	9
8/1/2020 MT	61	1	230	0
8/2/2020 MT	61	0	233	3

8/3/2020 MT	64	3	236	3
8/4/2020 MT	64	0	238	2
8/5/2020 MT	65	1	248	10
8/6/2020 MT	65	0	259	11
8/7/2020 MT	70	5	264	5
8/8/2020 MT	75	5	268	4
8/9/2020 MT	75	0	272	4
8/10/2020 MT	75	0	273	1
8/11/2020 MT	77	2	276	3
8/12/2020 MT	80	3	301	25
8/13/2020 MT	81	1	315	14
8/14/2020 MT	81	0	319	4
8/15/2020 MT	82	1	324	5
8/16/2020 MT	82	0	326	2
8/17/2020 MT	82	0	330	4
8/18/2020 MT	84	2	339	9
8/19/2020 MT	84	0	348	9
8/20/2020 MT	89	5	357	9
8/21/2020 MT	89	0	363	6
8/22/2020 MT	90	1	378	15
8/23/2020 MT	90	0	379	1
8/24/2020 MT	91	1	383	4
8/25/2020 MT	97	6	394	11
8/26/2020 MT	98	1	402	8
8/27/2020 MT	98	0	412	10
8/28/2020 MT	100	2	417	5
8/29/2020 MT	104	4	429	12
8/30/2020 MT	104	0	432	3
8/31/2020 MT	104	0	436	4
9/1/2020 MT	105	1	447	11
9/2/2020 MT	109	4	461	14
9/3/2020 MT	111	2	472	11
9/4/2020 MT	114	3	474	2
9/5/2020 MT	116	2	477	3
9/6/2020 MT	117	1	486	9
9/7/2020 MT	118	1	498	12
9/8/2020 MT	119	1	502	4
9/9/2020 MT	122	3	509	7
9/10/2020 MT	123	1	512	3
9/11/2020 MT	131	8	518	6
9/12/2020 MT	133	2	521	3
9/13/2020 MT	135	2	525	4
9/14/2020 MT	138	3	531	6
9/15/2020 MT	140	2	539	8
9/16/2020 MT	141	1	543	4
9/17/2020 MT	143	2	549	6
9/18/2020 MT	146	3	555	6
9/19/2020 MT	156	10	567	12
9/20/2020 MT	157	1	570	3
9/21/2020 MT	160	3	576	6

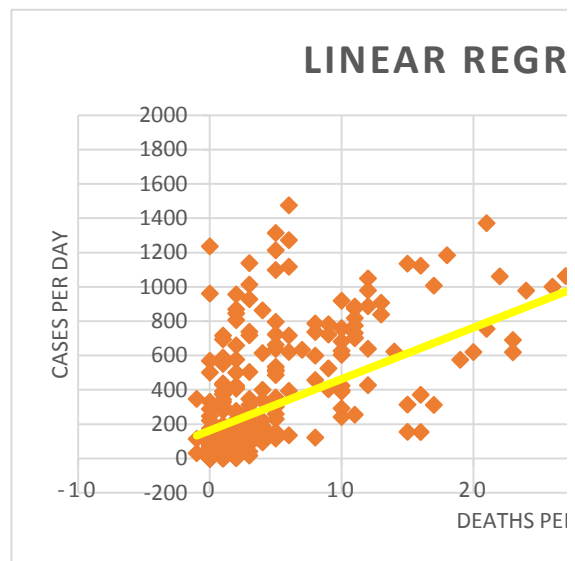
9/22/2020 MT	163	3	584	8
9/23/2020 MT	165	2	601	17
9/24/2020 MT	165	0	650	49
9/25/2020 MT	170	5	675	25
9/26/2020 MT	171	1	684	9
9/27/2020 MT	173	2	687	3
9/28/2020 MT	174	1	698	11
9/29/2020 MT	177	3	709	11
9/30/2020 MT	180	3	717	8
10/1/2020 MT	181	1	727	10
10/2/2020 MT	186	5	729	2
10/3/2020 MT	186	0	741	12
10/4/2020 MT	187	1	744	3
10/5/2020 MT	190	3	754	10
10/6/2020 MT	192	2	773	19
10/7/2020 MT	193	1	820	47
10/8/2020 MT	197	4	851	31
10/9/2020 MT	206	9	868	17
10/10/2020 MT	209	3	885	17
10/11/2020 MT	210	1	892	7
10/12/2020 MT	212	2	904	12
10/13/2020 MT	217	5	911	7
10/14/2020 MT	225	8	920	9
10/15/2020 MT	230	5	959	39
10/16/2020 MT	235	5	986	27
10/17/2020 MT	240	5	1001	15
10/18/2020 MT	241	1	1010	9
10/19/2020 MT	241	0	1020	10
10/20/2020 MT	252	11	1055	35
10/21/2020 MT	275	23	1068	13
10/22/2020 MT	278	3	1091	23
10/23/2020 MT	282	4	1170	79
10/24/2020 MT	294	12	1180	10
10/25/2020 MT	297	3	1229	49
10/26/2020 MT	303	6	1237	8
10/27/2020 MT	305	2	1245	8
10/28/2020 MT	325	20	1298	53
10/29/2020 MT	337	12	1312	14
10/30/2020 MT	364	27	1327	15
10/31/2020 MT	375	11	1350	23
11/1/2020 MT	376	1	1357	7
11/2/2020 MT	386	10	1373	16
11/3/2020 MT	399	13	1384	11
11/4/2020 MT	404	5	1402	18
11/5/2020 MT	407	3	1421	19
11/6/2020 MT	419	12	1447	26
11/7/2020 MT	445	26	1465	18
11/8/2020 MT	456	11	1477	12
11/9/2020 MT	457	1	1492	15
11/10/2020 MT	462	5	1510	18

11/11/2020 MT	472	10	1530	20
11/12/2020 MT	472	0	1541	11
11/13/2020 MT	477	5	1556	15
11/14/2020 MT	514	37	2042	486
11/15/2020 MT	520	6	2047	5
11/16/2020 MT	522	2	2066	19
11/17/2020 MT	543	21	2161	95
11/18/2020 MT	561	18	2202	41
11/19/2020 MT	561	0	2221	19
11/20/2020 MT	567	6	2252	31
11/21/2020 MT	600	33	2336	84
11/22/2020 MT	603	3	2350	14
11/23/2020 MT	614	11	2377	27
11/24/2020 MT	630	16	2420	43
11/25/2020 MT	652	22	2474	54
11/26/2020 MT	658	6	2534	60
11/27/2020 MT	657	-1	2526	-8
11/28/2020 MT	669	12	2569	43
11/29/2020 MT	671	2	2569	0
11/30/2020 MT	681	10	2622	53
12/1/2020 MT	698	17	2680	58
12/2/2020 MT	713	15	2733	53
12/3/2020 MT	722	9	2762	29
12/4/2020 MT	727	5	2810	48
12/5/2020 MT	734	7	2815	5
12/6/2020 MT	736	2	2836	21
12/7/2020 MT	742	6	2875	39
12/8/2020 MT	763	21	2909	34
12/9/2020 MT	771	8	2963	54
12/10/2020 MT	781	10	3003	40
12/11/2020 MT	805	24	3039	36
12/12/2020 MT	816	11	3072	33
12/13/2020 MT	818	2	3080	8
12/14/2020 MT	818	0	3080	0
12/15/2020 MT	826	8	3119	39
12/16/2020 MT	836	10	3153	34
12/17/2020 MT	849	13	3199	46
12/18/2020 MT	854	5	3226	27
12/19/2020 MT	864	10	3248	22
12/20/2020 MT	865	1	3261	13
12/21/2020 MT	881	16	3280	19
12/22/2020 MT	895	14	3332	52
12/23/2020 MT	914	19	3360	28
12/24/2020 MT	916	2	3406	46
12/25/2020 MT	916	0	3406	0
12/26/2020 MT	919	3	3429	23
12/27/2020 MT	924	5	3451	22
12/28/2020 MT	927	3	3464	13
12/29/2020 MT	939	12	3514	50
12/30/2020 MT	950	11	3553	39

12/31/2020 MT	961	11	3568	15
1/1/2021 MT	961	0	3568	0
1/2/2021 MT	971	10	3618	50
1/3/2021 MT	972	1	3631	13
1/4/2021 MT	975	3	3650	19
1/5/2021 MT	1005	30	3686	36
1/6/2021 MT	1015	10	3738	52
1/7/2021 MT	1038	23	3782	44
1/8/2021 MT	1049	11	3814	32
1/9/2021 MT	1054	5	3837	23
1/10/2021 MT	1056	2	3834	-3
1/11/2021 MT	1057	1	3853	19
1/12/2021 MT	1067	10	3883	30
1/13/2021 MT	1069	2	3903	20
1/14/2021 MT	1077	8	3917	14
1/15/2021 MT	1086	9	3940	23
1/16/2021 MT	1088	2	3957	17
1/17/2021 MT	1092	4	3962	5
1/18/2021 MT	1093	1	3974	12
1/19/2021 MT	1093	0	3992	18
1/20/2021 MT	1094	1	4022	30
1/21/2021 MT	1100	6	4049	27
1/22/2021 MT	1104	4	4081	32
1/23/2021 MT	1141	37	4112	31
1/24/2021 MT	1151	10	4125	13
1/25/2021 MT	1151	0	4128	3
1/26/2021 MT	1185	34	4141	13
1/27/2021 MT	1201	16	4177	36
1/28/2021 MT	1210	9	4203	26
1/29/2021 MT	1227	17	4217	14
1/30/2021 MT	1232	5	4246	29
1/31/2021 MT	1233	1	4247	1
2/1/2021 MT	1234	1	4250	3
2/2/2021 MT	1249	15	4275	25
2/3/2021 MT	1303	54	4309	34
2/4/2021 MT	1308	5	4329	20
2/5/2021 MT	1307	-1	4343	14
2/6/2021 MT	1312	5	4352	9
2/7/2021 MT	1314	2	4355	3
2/8/2021 MT	1314	0	4358	3
2/9/2021 MT	1315	1	4376	18
2/10/2021 MT	1320	5	4402	26
2/11/2021 MT	1320	0	4416	14
2/12/2021 MT	1324	4	4434	18
2/13/2021 MT	1327	3	4443	9
2/14/2021 MT	1327	0	4441	-2
2/15/2021 MT	1328	1	4446	5
2/16/2021 MT	1331	3	4463	17
2/17/2021 MT	1334	3	4479	16
2/18/2021 MT	1337	3	4486	7

2/19/2021 MT	1339	2	4508	22
2/20/2021 MT	1341	2	4519	11
2/21/2021 MT	1342	1	4524	5
2/22/2021 MT	1341	-1	4529	5
2/23/2021 MT	1346	5	4556	27
2/24/2021 MT	1348	2	4561	5
2/25/2021 MT	1350	2	4569	8
2/26/2021 MT	1354	4	4573	4
2/27/2021 MT	1356	2	4581	8
2/28/2021 MT	1357	1	4583	2
3/1/2021 MT	1357	0	4586	3
3/2/2021 MT	1372	15	4593	7
3/3/2021 MT	1373	1	4602	9
3/4/2021 MT	1375	2	4610	8
3/5/2021 MT	1379	4	4612	2
3/6/2021 MT	1381	2	4631	19
3/7/2021 MT	1381	0	4632	1

Indicator	Measure
Correlation analysis	59%
Slope	30.0
intercept	162.6



positive	positiveIncrease DAILY	recovered	totalTestsViral	totalTestsViralIncrease
0		0	11	11
0		0	11	0
0		0	11	0
0		0	15	4
0		0	21	6
1		1	35	14
1		0	56	21
5		4	108	52
7		2	110	2
7		0	205	95
8		1	311	106
10		2	509	198
12		2	773	264
16		4	947	174
20		4	1166	219
31		11	1166	0
34		3	1166	0
46		12	1688	522
53		7	2001	313
71		18	2193	192
108		37	3178	985
129		21	3417	239
154		25	3885	468
171		17	3885	0
184		13	3885	0
208		24	4845	960
227		19	5188	343
243		16	5718	530
265		22	6229	511
286		21	6603	374
299		13	6789	186
319		20	6985	196
332		13	7398	413
354		22	7860	462
365		11	8297	437
377		12	8581	284
387		10	8913	332
394		7	9098	185
399		5	9234	136
404		5	9583	349
415		11	9936	353
422		7	10244	308
426		4	10569	325
433		7	10898	329
433		0	11051	153
437		4	11241	190
439		2	11583	342
442		3	11875	292
444		2	12127	252

445	1	339	12497	370
448	3	339	12862	365
449	1	352	13033	171
451	2	356	13191	158
451	0	382	13528	337
453	2	392	13914	386
453	0	397	14203	289
455	2	404	14635	432
455	0	404	15007	372
457	2	404	15088	81
456	-1	410	15272	184
456	0	417	19704	4,432
456	0	417	20247	543
458	2	420	20945	698
458	0	422	21329	384
458	0	422	21704	375
459	1	423	22572	868
461	2	425	23035	463
462	1	430	23852	817
462	0	431	24549	697
466	4	431	25418	869
468	2	431	26091	673
468	0	431	26885	794
470	2	434	28167	1,282
471	1	437	28950	783
478	7	440	29726	776
479	1	440	30524	798
479	0	441	31857	1,333
479	0	441	32652	795
479	0	441	33381	729
479	0	441	33682	301
479	0	441	33834	152
481	2	444	35643	1,809
485	4	445	36793	1,150
493	8	448	38529	1,736
505	12	448	39284	755
515	10	456	39798	514
519	4	461	40657	859
523	4	462	42212	1,555
525	2	464	43448	1,236
539	14	467	44642	1,194
541	2	470	45888	1,246
540	-1	472	46754	866
545	5	475	47378	624
548	3	475	51592	4,214
554	6	485	53184	1,592
561	7	487	54616	1,432
563	2	487	55777	1,161
573	10	489	57022	1,245
588	15	510	58004	982

601	13	510	58907	903
609	8	510	60937	2,030
614	5	535	63577	2,640
630	16	538	65515	1,938
655	25	545	66870	1,355
666	11	546	68422	1,552
698	32	548	69530	1,108
717	19	548	70357	827
740	23	548	71305	948
743	3	566	73923	2,618
766	23	571	75066	1,143
803	37	572	78332	3,266
829	26	589	80161	1,829
852	23	604	81247	1,086
863	11	604	82474	1,227
919	56	609	88743	6,269
967	48	642	90861	2,118
1016	49	658	93330	2,469
1083	67	672	95149	1,819
1128	45	678	97503	2,354
1167	39	678	98950	1,447
1212	45	678	100106	1,156
1249	37	678	102926	2,820
1327	78	716	105327	2,401
1371	44	759	106421	1,094
1466	95	796	108765	2,344
1593	127	855	112178	3,413
1677	84	864	113359	1,181
1758	81	865	114661	1,302
1843	85	875	118695	4,034
1952	109	884	121396	2,701
2096	144	915	123758	2,362
2231	135	970	127840	4,082
2366	135	992	130404	2,564
2471	105	1,075	131879	1,475
2533	62	1,075	133159	1,280
2621	88	1,334	139042	5,883
2712	91	1,493	141002	1,960
2813	101	1,543	143518	2,516
2910	97	1,587	146218	2,700
3039	129	1,815	149200	2,982
3260	221	1,977	151015	1,815
3342	82	2,079	152315	1,300
3381	39	2,090	158655	6,340
3475	94	2,104	161408	2,753
3676	201	2,212	165355	3,947
3814	138	2,240	168616	3,261
3965	151	2,331	169970	1,354
4081	116	2,456	171553	1,583
4193	112	2,466	174295	2,742

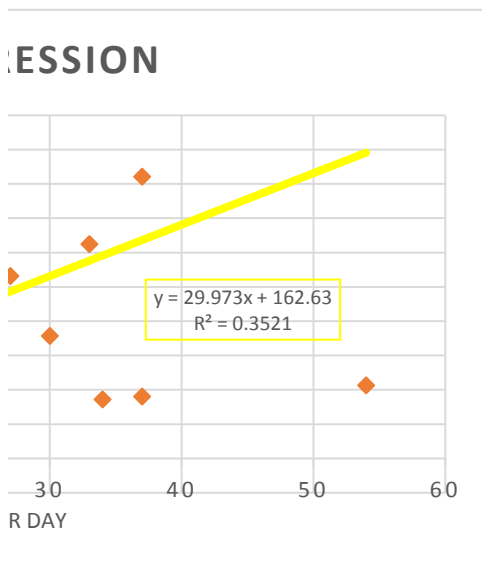
4233	40	2,653	179508	5,213
4314	81	2,766	181236	1,728
4429	115	2,820	183124	1,888
4602	173	2,964	185815	2,691
4757	155	3,122	187756	1,941
4889	132	3,255	188846	1,090
4952	63	3,275	189946	1,100
5017	65	3,413	193405	3,459
5104	87	3,542	194412	1,007
5268	164	3,598	196036	1,624
5407	139	3,937	197820	1,784
5541	134	4,011	199861	2,041
5659	118	4,123	200936	1,075
5750	91	4,145	201924	988
5792	42	4,162	204725	2,801
5846	54	4,206	205512	787
5956	110	4,357	206533	1,021
6072	116	4,434	207560	1,027
6216	144	4,798	208627	1,067
6376	160	4,815	209716	1,089
6429	53	4,816	210749	1,033
6489	60	4,842	233673	22,924
6624	135	4,891	236507	2,834
6785	161	4,983	238260	1,753
6929	144	5,024	240659	2,399
7063	134	5,172	242875	2,216
7251	188	5,278	245381	2,506
7340	89	5,283	246661	1,280
7421	81	5,330	250238	3,577
7509	88	5,459	252296	2,058
7691	182	5,584	253873	1,577
7871	180	5,727	255660	1,787
8019	148	5,821	259988	4,328
8164	145	6,219	261050	1,062
8264	100	6,243	262026	976
8316	52	6,246	267125	5,099
8381	65	6,270	268780	1,655
8468	87	6,318	271150	2,370
8663	195	6,732	273353	2,203
8785	122	6,795	274658	1,305
8925	140	6,824	278728	4,070
9021	96	6,830	280124	1,396
9107	86	6,842	285870	5,746
9244	137	7,150	289368	3,498
9431	187	7,186	292401	3,033
9647	216	7,401	295299	2,898
9871	224	7,500	298555	3,256
10163	292	7,553	300840	2,285
10299	136	7,807	302813	1,973
10429	130	7,876	311262	8,449

10700	271	7,937	314009	2,747
10912	212	8,510	317160	3,151
11242	330	8,634	321518	4,358
11564	322	8,681	326116	4,598
11907	343	8,749	329285	3,169
12107	200	8,779	330307	1,022
12413	306	8,839	337196	6,889
12724	311	9,093	339926	2,730
13071	347	9,256	343158	3,232
13500	429	9,428	348709	5,551
13855	355	9,569	353362	4,653
14356	501	9,601	354783	1,421
14635	279	9,597	357413	2,630
14847	212	9,649	369975	12,562
15347	500	10,172	372720	2,745
16063	716	10,518	376176	3,456
16677	614	10,656	381665	5,489
17399	722	10,863	386746	5,081
18117	718	11,361	388649	1,903
18702	585	11,361	390258	1,609
19125	423	11,481	400458	10,200
19611	486	11,620	409651	9,193
20210	599	12,068	414579	4,928
20933	723	12,854	419832	5,253
21595	662	13,212	425462	5,630
22233	638	13,395	428128	2,666
22821	588	13,441	431134	3,006
23390	569	13,538	442366	11,232
24093	703	14,842	445021	2,655
24712	619	15,085	447994	2,973
25640	928	16,266	452846	4,852
26503	863	16,611	461000	8,154
27142	639	17,436	464032	3,032
27880	738	17,832	465607	1,575
28501	621	18,343	476325	10,718
29346	845	18,981	481322	4,997
29966	620	19,519	484470	3,148
30853	887	20,042	487607	3,137
31916	1,063	21,102	492629	5,022
32801	885	21,353	498915	6,286
33495	694	21,398	501704	2,789
34252	757	21,496	508931	7,227
35159	907	21,990	512524	3,593
35955	796	22,146	517288	4,764
36968	1,013	23,300	520024	2,736
37947	979	23,607	523596	3,572
38948	1,001	23,825	525176	1,580
39679	731	23,793	526591	1,415
40053	374	23,825	540913	14,322
41151	1,098	23,873	544566	3,653

42070	919	24,594	547728	3,162
43031	961	24,804	557951	10,223
44244	1,213	25,389	566544	8,593
45886	1,642	27,472	569694	3,150
47158	1,272	27,472	572561	2,867
48027	869	27,496	573334	773
49398	1,371	29,105	583828	10,494
50582	1,184	30,400	591406	7,578
51818	1,236	30,477	595829	4,423
53293	1,475	30,557	601675	5,846
54542	1,249	38,701	608502	6,827
55680	1,138	39,051	613009	4,507
56381	701	39,450	617974	4,965
57504	1,123	40,686	622796	4,822
58565	1,061	42,012	627851	5,055
59682	1,117	43,077	631927	4,076
59796	114	43,290	642514	10,587
60845	1,049	44,100	645393	2,879
61801	956	44,100	650223	4,830
62198	397	45,486	656021	5,798
63205	1,007	46,350	660895	4,874
64340	1,135	47,533	663581	2,686
65122	782	48,360	669081	5,500
66436	1,314	49,217	675262	6,181
67069	633	49,910	682583	7,321
67875	806	50,287	688214	5,631
68591	716	50,652	692763	4,549
69346	755	51,135	696878	4,115
70133	787	52,068	699468	2,590
70892	759	52,994	702525	3,057
71870	978	61,093	711734	9,209
72644	774	61,877	718502	6,768
73303	659	62,778	722308	3,806
73303	0	62,778	727059	4,751
74040	737	64,298	732739	5,680
74644	604	64,737	736059	3,320
75483	839	65,393	742540	6,481
75992	509	65,873	747802	5,262
76619	627	67,271	752243	4,441
77170	551	67,435	755291	3,048
77324	154	68,440	758979	3,688
77947	623	69,101	762854	3,875
78522	575	69,555	766196	3,342
78929	407	70,176	771693	5,497
78929	0	70,176	771693	0
79433	504	72,284	778541	6,848
79780	347	72,729	780119	1,578
79999	219	73,481	782018	1,899
80426	427	74,096	783495	1,477
81300	874	74,970	786808	3,313

81555	255	74,991	791589	4,781
81555	0	74,991	791589	0
81944	389	75,974	792779	1,190
82381	437	76,501	795796	3,017
82664	283	76,633	810880	15,084
83378	714	77,449	813082	2,202
84060	682	78,114	817142	4,060
84750	690	78,796	823279	6,137
85568	818	79,114	831887	8,608
86102	534	79,906	837136	5,249
86324	222	80,237	842250	5,114
86653	329	80,674	845439	3,189
87077	424	81,183	851594	6,155
87653	576	81,676	855069	3,475
88110	457	82,190	862427	7,358
88635	525	82,460	869564	7,137
89056	421	82,920	874943	5,379
89393	337	83,154	879728	4,785
89576	183	83,527	881412	1,684
89864	288	83,825	883672	2,260
90255	391	84,255	887884	4,212
90649	394	84,708	892770	4,886
91049	400	85,095	899769	6,999
91410	361	85,686	906753	6,984
91652	242	85,881	911686	4,933
91816	164	86,274	920116	8,430
92160	344	86,733	922956	2,840
92531	371	87,018	927981	5,025
92934	403	87,720	936928	8,947
93246	312	88,291	942390	5,462
93762	516	88,822	950743	8,353
93949	187	89,073	954249	3,506
94070	121	89,218	956718	2,469
94384	314	89,542	960130	3,412
94810	426	90,086	968115	7,985
95111	301	90,402	974723	6,608
95458	347	90,654	981178	6,455
95717	259	91,060	986635	5,457
95790	73	91,162	988597	1,962
95914	124	91,380	992938	4,341
96288	374	91,784	997279	4,341
96595	307	92,248	1001074	3,795
96842	247	92,497	1007629	6,555
97063	221	92,822	1012245	4,616
97297	234	93,148	1017979	5,734
97401	104	93,328	1021061	3,082
97539	138	93,476	1023984	2,923
97666	127	93,669	1025367	1,383
97900	234	94,034	1029320	3,953
98100	200	94,201	1035440	6,120

98377	277	94,613	1040344	4,904
98641	264	94,874	1045673	5,329
98779	138	95,211	1048901	3,228
98810	31	95,299	1050392	1,491
99040	230	95,772	1052733	2,341
99242	202	96,040	1056170	3,437
99445	203	96,178	1063419	7,249
99613	168	96,362	1069964	6,545
99837	224	96,724	1074437	4,473
99954	117	96,982	1077988	3,551
100003	49	97,037	1079671	1,683
100158	155	97,199	1081562	1,891
100351	193	97,327	1086548	4,986
100531	180	97,499	1091522	4,974
100656	125	97,541	1096913	5,391
100842	186	97,801	1101356	4,443
100914	72	97,943	1104488	3,132



SUMMARY OUTPUT

<i>Regression Statistics</i>	
Multiple R	59%
R Square	35%
Adjusted R Square	35%
Standard Error	5.425431135
Observations	366

ANOVA

	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>
Regression	1	5823.727305	5823.727305	197.8483899	3.43041E-36
Residual	364	10714.45029	29.435303		
Total	365	16538.1776			

	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>
Intercept	0.533900595	0.365323115	1.461447616	0.144755351	-0.184508249
positiveIncrease DAILY	0.011748542	0.000835252	14.06585902	3.43041E-36	0.010106016

I'll try to sum
part below :

<i>Upper 95%</i>	<i>Lower 95,0%</i>	<i>Upper 95,0%</i>
1.252309438	-0.184508249	1.252309438
0.013391068	0.010106016	0.013391068

1. Table
period
Why is
2. I'd not
Firstly
some
correli
system
fluctua
death
in you
3. I'd rec
graph
and p
graph
death:

Summarize all recommendations in the practical

Table number 1 summarizes the totals for the whole country. I don't understand the second column – ratio. How is this computed? You can't use the correlation for daily cases and deaths. From the scatter plot, it is obvious that these variables have to be highly positively correlated. Secondly, if you'd like to analyze time series data, you should remove deterministic components such as trends or daily seasonality. Lastly, I'd expect some lagging between daily cases and positives which is not accounted for in the SIR model. I recommend you focus more on the description of Figures 2 and 3. There are many interesting trends and peaks you should describe. I'm wondering about Figure number 3. I'd not expect these peaks for daily cases. What is the reason for it?

date	positiveIncrease DAILY	deathIncreaseDAILY
3/7/2020	0	0
3/8/2020	0	0
3/9/2020	0	0
3/10/2020	0	0
3/11/2020	0	0
3/12/2020	1	0
3/13/2020	0	0
3/14/2020	4	0
3/15/2020	2	0
3/16/2020	0	0
3/17/2020	1	0
3/18/2020	2	0
3/19/2020	2	0
3/20/2020	4	0
3/21/2020	4	0
3/22/2020	11	0
3/23/2020	3	0
3/24/2020	12	0
3/25/2020	7	0
3/26/2020	18	0
3/27/2020	37	0
3/28/2020	21	1
3/29/2020	25	0
3/30/2020	17	3
3/31/2020	13	0
4/1/2020	24	1
4/2/2020	19	0
4/3/2020	16	0
4/4/2020	22	0
4/5/2020	21	1
4/6/2020	13	0
4/7/2020	20	0
4/8/2020	13	0
4/9/2020	22	0
4/10/2020	11	0
4/11/2020	12	0
4/12/2020	10	0
4/13/2020	7	1
4/14/2020	5	0
4/15/2020	5	0
4/16/2020	11	0
4/17/2020	7	1
4/18/2020	4	2
4/19/2020	7	0
4/20/2020	0	0
4/21/2020	4	2
4/22/2020	2	2
4/23/2020	3	0
4/24/2020	2	0
4/25/2020	1	0

4/26/2020	3	0
4/27/2020	1	0
4/28/2020	2	1
4/29/2020	0	1
4/30/2020	2	0
5/1/2020	0	0
5/2/2020	2	0
5/3/2020	0	0
5/4/2020	2	0
5/5/2020	-1	0
5/6/2020	0	0
5/7/2020	0	0
5/8/2020	2	0
5/9/2020	0	0
5/10/2020	0	0
5/11/2020	1	0
5/12/2020	2	0
5/13/2020	1	0
5/14/2020	0	0
5/15/2020	4	0
5/16/2020	2	0
5/17/2020	0	0
5/18/2020	2	0
5/19/2020	1	0
5/20/2020	7	0
5/21/2020	1	0
5/22/2020	0	0
5/23/2020	0	0
5/24/2020	0	0
5/25/2020	0	0
5/26/2020	0	1
5/27/2020	2	0
5/28/2020	4	0
5/29/2020	8	0
5/30/2020	12	0
5/31/2020	10	0
6/1/2020	4	0
6/2/2020	4	0
6/3/2020	2	0
6/4/2020	14	0
6/5/2020	2	1
6/6/2020	-1	0
6/7/2020	5	0
6/8/2020	3	0
6/9/2020	6	0
6/10/2020	7	0
6/11/2020	2	0
6/12/2020	10	0
6/13/2020	15	0
6/14/2020	13	1
6/15/2020	8	0

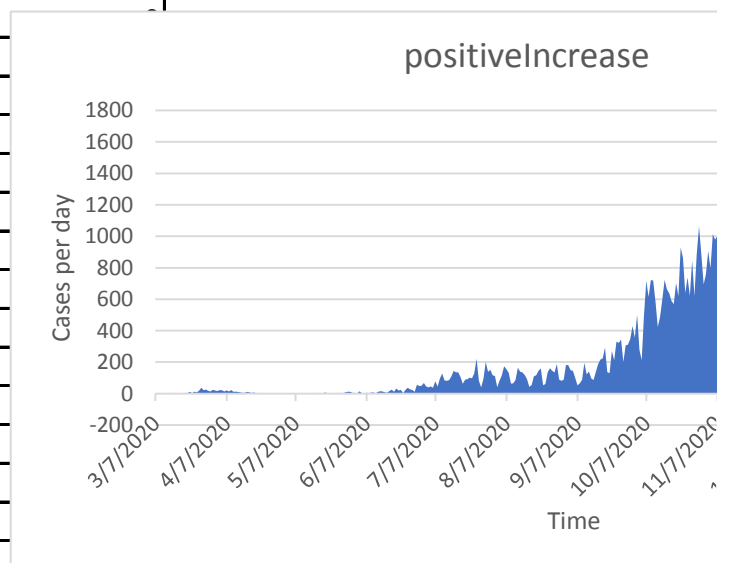
6/16/2020	5	0
6/17/2020	16	1
6/18/2020	25	0
6/19/2020	11	0
6/20/2020	32	0
6/21/2020	19	0
6/22/2020	23	1
6/23/2020	3	0
6/24/2020	23	0
6/25/2020	37	0
6/26/2020	26	1
6/27/2020	23	0
6/28/2020	11	0
6/29/2020	56	0
6/30/2020	48	0
7/1/2020	49	0
7/2/2020	67	0
7/3/2020	45	1
7/4/2020	39	0
7/5/2020	45	0
7/6/2020	37	0
7/7/2020	78	0
7/8/2020	44	0
7/9/2020	95	2
7/10/2020	127	3
7/11/2020	84	1
7/12/2020	81	0
7/13/2020	85	3
7/14/2020	109	2
7/15/2020	144	0
7/16/2020	135	1
7/17/2020	135	2
7/18/2020	105	0
7/19/2020	62	0
7/20/2020	88	2
7/21/2020	91	1
7/22/2020	101	2
7/23/2020	97	1
7/24/2020	129	3
7/25/2020	221	0
7/26/2020	82	0
7/27/2020	39	1
7/28/2020	94	4
7/29/2020	201	3
7/30/2020	138	1
7/31/2020	151	5
8/1/2020	116	1
8/2/2020	112	0
8/3/2020	40	3
8/4/2020	81	0
8/5/2020	115	1

8/6/2020	173	0
8/7/2020	155	5
8/8/2020	132	5
8/9/2020	63	0
8/10/2020	65	0
8/11/2020	87	2
8/12/2020	164	3
8/13/2020	139	1
8/14/2020	134	0
8/15/2020	118	1
8/16/2020	91	0
8/17/2020	42	0
8/18/2020	54	2
8/19/2020	110	0
8/20/2020	116	5
8/21/2020	144	0
8/22/2020	160	1
8/23/2020	53	0
8/24/2020	60	1
8/25/2020	135	6
8/26/2020	161	1
8/27/2020	144	0
8/28/2020	134	2
8/29/2020	188	4
8/30/2020	89	0
8/31/2020	81	0
9/1/2020	88	1
9/2/2020	182	4
9/3/2020	180	2
9/4/2020	148	3
9/5/2020	145	2
9/6/2020	100	1
9/7/2020	52	1
9/8/2020	65	1
9/9/2020	87	3
9/10/2020	195	1
9/11/2020	122	8
9/12/2020	140	2
9/13/2020	96	2
9/14/2020	86	3
9/15/2020	137	2
9/16/2020	187	1
9/17/2020	216	2
9/18/2020	224	3
9/19/2020	292	10
9/20/2020	136	1
9/21/2020	130	3
9/22/2020	271	3
9/23/2020	212	2
9/24/2020	330	0
9/25/2020	322	5

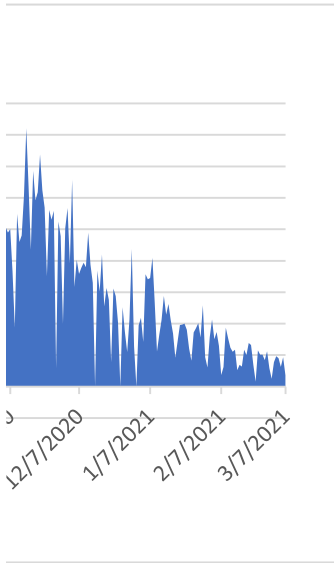
9/26/2020	343	1
9/27/2020	200	2
9/28/2020	306	1
9/29/2020	311	3
9/30/2020	347	3
10/1/2020	429	1
10/2/2020	355	5
10/3/2020	501	0
10/4/2020	279	1
10/5/2020	212	3
10/6/2020	500	2
10/7/2020	716	1
10/8/2020	614	4
10/9/2020	722	9
#####	718	3
#####	585	1
#####	423	2
#####	486	5
#####	599	8
#####	723	5
#####	662	5
#####	638	5
#####	588	1
#####	569	0
#####	703	11
#####	619	23
#####	928	3
#####	863	4
#####	639	12
#####	738	3
#####	621	6
#####	845	2
#####	620	20
#####	887	12
#####	1,063	27
#####	885	11
11/1/2020	694	1
11/2/2020	757	10
11/3/2020	907	13
11/4/2020	796	5
11/5/2020	1,013	3
11/6/2020	979	12
11/7/2020	1,001	26
11/8/2020	731	11
11/9/2020	374	1
#####	1,098	5
#####	919	10
#####	961	0
#####	1,213	5
#####	1,642	37
#####	1,272	6

#####	869	2
#####	1,371	21
#####	1,184	18
#####	1,236	0
#####	1,475	6
#####	1,249	33
#####	1,138	3
#####	701	11
#####	1,123	16
#####	1,061	22
#####	1,117	6
#####	114	-1
#####	1,049	12
#####	956	2
#####	397	10
12/1/2020	1,007	17
12/2/2020	1,135	15
12/3/2020	782	9
12/4/2020	1,314	5
12/5/2020	633	7
12/6/2020	806	2
12/7/2020	716	6
12/8/2020	755	21
12/9/2020	787	8
#####	759	10
#####	978	24
#####	774	11
#####	659	2
#####	0	0
#####	737	8
#####	604	10
#####	839	13
#####	509	5
#####	627	10
#####	551	1
#####	154	16
#####	623	14
#####	575	19
#####	407	2
#####	0	0
#####	504	3
#####	347	5
#####	219	3
#####	427	12
#####	874	11
#####	255	11
1/1/2021	0	0
1/2/2021	389	10
1/3/2021	437	1
1/4/2021	283	3
1/5/2021	714	30

1/6/2021	682	10
1/7/2021	690	23
1/8/2021	818	11
1/9/2021	534	5
1/10/2021	222	2
1/11/2021	329	1
1/12/2021	424	10
1/13/2021	576	2
1/14/2021	457	8
1/15/2021	525	9
1/16/2021	421	2
1/17/2021	337	4
1/18/2021	183	1
1/19/2021	288	0
1/20/2021	391	1
1/21/2021	394	6
1/22/2021	400	4
1/23/2021	361	37
1/24/2021	242	10
1/25/2021	164	0
1/26/2021	344	34
1/27/2021	371	16
1/28/2021	403	9
1/29/2021	312	17
1/30/2021	516	5
1/31/2021	187	1
2/1/2021	121	1
2/2/2021	314	15
2/3/2021	426	54
2/4/2021	301	5
2/5/2021	347	-1
2/6/2021	259	5
2/7/2021	73	2
2/8/2021	124	0
2/9/2021	374	0
2/10/2021	307	0
2/11/2021	247	0
2/12/2021	221	0
2/13/2021	234	0
2/14/2021	104	0
2/15/2021	138	0
2/16/2021	127	0
2/17/2021	234	0
2/18/2021	200	0
2/19/2021	277	0
2/20/2021	264	0
2/21/2021	138	0
2/22/2021	31	0
2/23/2021	230	5
2/24/2021	202	2
2/25/2021	203	2



2/26/2021	168	4
2/27/2021	224	2
2/28/2021	117	1
3/1/2021	49	0
3/2/2021	155	15
3/3/2021	193	1
3/4/2021	180	2
3/5/2021	125	4
3/6/2021	186	2
3/7/2021	72	0

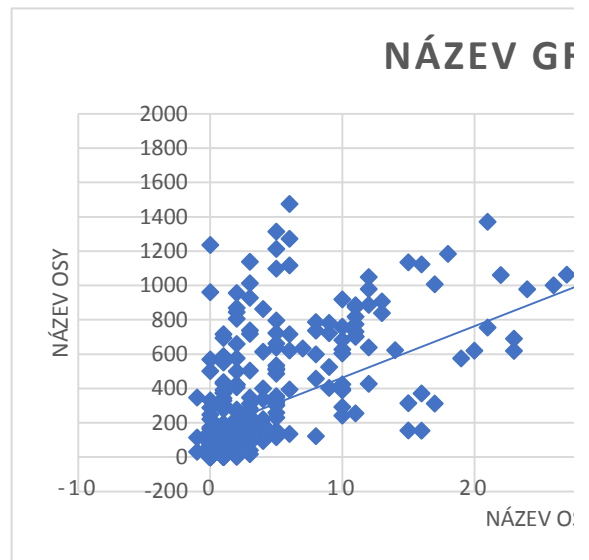


MT
days 366

Cases	100,914	Ratio %
Average daily Cases	276	0.27%
Deaths Total	1,381	1.37%
Average daily Deaths	4	0.004%
Hostpitalized	4,632	4.59%
Average of daily Hospitalizations	13	0.01%

Montana	Not Fully Vaccinated
Cases	36631 (36,30 %)
Hospitalizations	1518 (32,77 %)
Deaths	443 (32,08 %)

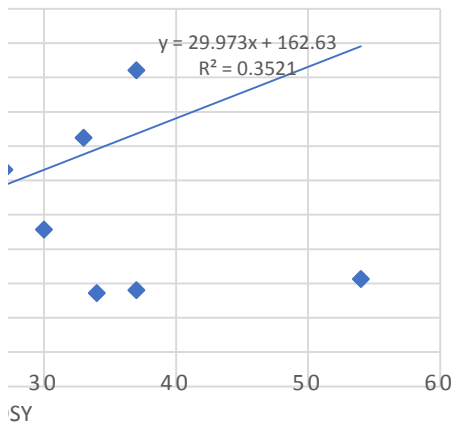
Taxes	Confirmed cases
Confirmed cases	100,914
Median age	49
Age range	0 - 100 years
Male	66,099
Female	34,815



Fully Vaccinated	Booster of Vaccination	Total
20889 (20,70 %)	43393 (43 %)	100,914
1129 (24,37 %)	1981 (42,77 %)	4,632
443 (32,08 %)	495 (35,84 %)	1,381

%	Death	%	Hospitalized	%
100	1,381	100%	4,632	100%
n/t	52	n/t	50	n/t
n/t	0 - 100 years	n/t	0 - 100 years	n/t
66%	859	62%	3372	73%
35%	522	38%	1260	27%

RAFU



date	state	death	deathIncreaseDAILY	hospitalized	hospitalizedCur
3/4/2020	AZ		0	4	
3/5/2020	AZ		0	5	
3/6/2020	AZ		0	6	
3/7/2020	AZ		0	6	
3/8/2020	AZ		0	6	
3/9/2020	AZ		0	8	
3/10/2020	AZ		0	8	
3/11/2020	AZ		0	11	
3/12/2020	AZ		0	16	
3/13/2020	AZ	0	0	22	
3/14/2020	AZ	0	0	26	
3/15/2020	AZ	0	0	36	
3/16/2020	AZ	0	0	42	
3/17/2020	AZ	0	0	55	
3/18/2020	AZ	0	0	67	
3/19/2020	AZ	0	0	85	
3/20/2020	AZ	0	0	108	
3/21/2020	AZ	1	1	128	
3/22/2020	AZ	2	1	145	
3/23/2020	AZ	2	0	189	
3/24/2020	AZ	5	3	219	
3/25/2020	AZ	6	1	264	
3/26/2020	AZ	8	2	303	
3/27/2020	AZ	13	5	343	
3/28/2020	AZ	15	2	386	
3/29/2020	AZ	17	2	427	
3/30/2020	AZ	20	3	478	
3/31/2020	AZ	24	4	534	
4/1/2020	AZ	29	5	582	
4/2/2020	AZ	32	3	616	
4/3/2020	AZ	41	9	667	
4/4/2020	AZ	52	11	711	
4/5/2020	AZ	64	12	760	
4/6/2020	AZ	65	1	819	
4/7/2020	AZ	73	8	853	
4/8/2020	AZ	80	7	906	
4/9/2020	AZ	89	9	950	
4/10/2020	AZ	97	8	995	
4/11/2020	AZ	108	11	1,037	
4/12/2020	AZ	115	7	1,074	
4/13/2020	AZ	122	7	1,122	525
4/14/2020	AZ	131	9	1,171	580
4/15/2020	AZ	142	11	1,213	590
4/16/2020	AZ	150	8	1,258	578
4/17/2020	AZ	169	19	1,289	566
4/18/2020	AZ	177	8	1,341	566
4/19/2020	AZ	184	7	1,387	631
4/20/2020	AZ	187	3	1,454	637

4/21/2020 AZ	208	21	1,484	637
4/22/2020 AZ	229	21	1,528	664
4/23/2020 AZ	249	20	1,572	699
4/24/2020 AZ	266	17	1,626	639
4/25/2020 AZ	266	0	1,672	697
4/26/2020 AZ	275	9	1,716	671
4/27/2020 AZ	275	0	1,772	647
4/28/2020 AZ	293	18	1,824	737
4/29/2020 AZ	304	11	1,884	756
4/30/2020 AZ	320	16	1,937	755
5/1/2020 AZ	330	10	1,986	709
5/2/2020 AZ	348	18	2,033	718
5/3/2020 AZ	362	14	2,089	732
5/4/2020 AZ	362	0	2,135	703
5/5/2020 AZ	395	33	2,192	728
5/6/2020 AZ	426	31	2,244	754
5/7/2020 AZ	450	24	2,292	766
5/8/2020 AZ	517	67	2,350	730
5/9/2020 AZ	532	15	2,386	739
5/10/2020 AZ	536	4	2,421	713
5/11/2020 AZ	542	6	2,462	717
5/12/2020 AZ	562	20	2,504	765
5/13/2020 AZ	594	32	2,543	755
5/14/2020 AZ	624	30	2,595	781
5/15/2020 AZ	651	27	2,636	808
5/16/2020 AZ	679	28	2,673	791
5/17/2020 AZ	680	1	2,703	796
5/18/2020 AZ	686	6	2,757	820
5/19/2020 AZ	704	18	2,800	792
5/20/2020 AZ	747	43	2,836	810
5/21/2020 AZ	763	16	2,885	812
5/22/2020 AZ	775	12	2,943	796
5/23/2020 AZ	799	24	2,984	784
5/24/2020 AZ	800	1	3,026	804
5/25/2020 AZ	806	6	3,077	833
5/26/2020 AZ	807	1	3,122	818
5/27/2020 AZ	831	24	3,172	911
5/28/2020 AZ	857	26	3,223	945
5/29/2020 AZ	885	28	3,281	931
5/30/2020 AZ	903	18	3,334	975
5/31/2020 AZ	906	3	3,379	973
6/1/2020 AZ	917	11	3,445	968
6/2/2020 AZ	941	24	3,520	1,009
6/3/2020 AZ	981	40	3,589	1,092
6/4/2020 AZ	996	15	3,642	1,079
6/5/2020 AZ	1,012	16	3,712	1,234
6/6/2020 AZ	1,042	30	3,777	1,278
6/7/2020 AZ	1,044	2	3,847	1,252
6/8/2020 AZ	1,047	3	3,911	1,266
6/9/2020 AZ	1,070	23	3,959	1,243
6/10/2020 AZ	1,095	25	4,000	1,274

6/11/2020 AZ	1,127	32	4,041	1,291
6/12/2020 AZ	1,144	17	4,079	1,336
6/13/2020 AZ	1,183	39	4,115	1,412
6/14/2020 AZ	1,186	3	4,148	1,457
6/15/2020 AZ	1,194	8	4,182	1,449
6/16/2020 AZ	1,219	25	4,209	1,506
6/17/2020 AZ	1,239	20	4,224	1,582
6/18/2020 AZ	1,271	32	4,241	1,667
6/19/2020 AZ	1,312	41	4,246	1,832
6/20/2020 AZ	1,338	26	4,252	1,938
6/21/2020 AZ	1,339	1	4,255	1,942
6/22/2020 AZ	1,342	3	4,255	1,992
6/23/2020 AZ	1,384	42	4,255	2,136
6/24/2020 AZ	1,463	79	4,313	2,270
6/25/2020 AZ	1,490	27	4,406	2,453
6/26/2020 AZ	1,535	45	4,514	2,110
6/27/2020 AZ	1,579	44	4,595	2,577
6/28/2020 AZ	1,588	9	4,617	2,691
6/29/2020 AZ	1,588	0	4,634	2,721
6/30/2020 AZ	1,632	44	4,736	2,793
7/1/2020 AZ	1,720	88	4,837	2,876
7/2/2020 AZ	1,757	37	4,916	2,938
7/3/2020 AZ	1,788	31	5,018	3,013
7/4/2020 AZ	1,805	17	5,068	3,113
7/5/2020 AZ	1,809	4	5,161	3,182
7/6/2020 AZ	1,810	1	5,188	3,212
7/7/2020 AZ	1,927	117	5,272	3,356
7/8/2020 AZ	1,963	36	5,387	3,421
7/9/2020 AZ	2,038	75	5,526	3,437
7/10/2020 AZ	2,082	44	5,659	3,432
7/11/2020 AZ	2,151	69	5,750	3,485
7/12/2020 AZ	2,237	86	5,795	3,432
7/13/2020 AZ	2,245	8	5,839	3,373
7/14/2020 AZ	2,337	92	5,942	3,517
7/15/2020 AZ	2,434	97	6,103	3,493
7/16/2020 AZ	2,492	58	6,296	3,454
7/17/2020 AZ	2,583	91	6,402	3,466
7/18/2020 AZ	2,730	147	6,567	3,238
7/19/2020 AZ	2,761	31	6,632	3,136
7/20/2020 AZ	2,784	23	6,698	3,084
7/21/2020 AZ	2,918	134	6,894	3,041
7/22/2020 AZ	2,974	56	7,047	3,094
7/23/2020 AZ	3,063	89	7,236	2,966
7/24/2020 AZ	3,142	79	7,461	2,844
7/25/2020 AZ	3,286	144	7,627	2,758
7/26/2020 AZ	3,305	19	7,706	2,650
7/27/2020 AZ	3,304	-1	7,751	2,626
7/28/2020 AZ	3,408	104	9,394	2,564
7/29/2020 AZ	3,454	46	10,060	2,424
7/30/2020 AZ	3,626	172	11,172	2,348
7/31/2020 AZ	3,694	68	11,260	2,302

8/1/2020 AZ	3,747	53	11,346	2,226
8/2/2020 AZ	3,765	18	11,371	2,147
8/3/2020 AZ	3,779	14	11,400	2,017
8/4/2020 AZ	3,845	66	13,294	2,024
8/5/2020 AZ	3,932	87	13,559	1,945
8/6/2020 AZ	4,002	70	14,068	1,879
8/7/2020 AZ	4,081	79	19,241	1,772
8/8/2020 AZ	4,137	56	19,244	1,659
8/9/2020 AZ	4,150	13	19,268	1,626
8/10/2020 AZ	4,154	4	19,277	1,575
8/11/2020 AZ	4,199	45	19,292	1,574
8/12/2020 AZ	4,347	148	19,821	1,469
8/13/2020 AZ	4,383	36	20,503	1,411
8/14/2020 AZ	4,423	40	20,515	1,359
8/15/2020 AZ	4,492	69	20,795	1,282
8/16/2020 AZ	4,506	14	20,755	1,208
8/17/2020 AZ	4,506	0	20,756	1,182
8/18/2020 AZ	4,529	23	20,878	1,167
8/19/2020 AZ	4,634	105	21,020	1,160
8/20/2020 AZ	4,684	50	21,143	1,070
8/21/2020 AZ	4,688	4	21,210	1,068
8/22/2020 AZ	4,756	68	21,271	1,046
8/23/2020 AZ	4,771	15	21,241	969
8/24/2020 AZ	4,771	0	21,219	908
8/25/2020 AZ	4,792	21	21,365	999
8/26/2020 AZ	4,896	104	21,376	967
8/27/2020 AZ	4,929	33	21,426	895
8/28/2020 AZ	4,978	49	21,428	809
8/29/2020 AZ	5,007	29	21,433	812
8/30/2020 AZ	5,030	23	21,421	757
8/31/2020 AZ	5,029	-1	21,405	768
9/1/2020 AZ	5,044	15	21,405	729
9/2/2020 AZ	5,065	21	21,449	752
9/3/2020 AZ	5,130	65	21,474	745
9/4/2020 AZ	5,171	41	21,498	742
9/5/2020 AZ	5,207	36	21,520	702
9/6/2020 AZ	5,221	14	21,527	666
9/7/2020 AZ	5,219	-2	21,525	658
9/8/2020 AZ	5,221	2	21,522	657
9/9/2020 AZ	5,251	30	21,593	658
9/10/2020 AZ	5,273	22	21,611	628
9/11/2020 AZ	5,288	15	21,747	577
9/12/2020 AZ	5,315	27	21,773	574
9/13/2020 AZ	5,322	7	21,773	525
9/14/2020 AZ	5,322	0	21,774	489
9/15/2020 AZ	5,344	22	21,800	550
9/16/2020 AZ	5,371	27	21,825	538
9/17/2020 AZ	5,409	38	21,821	594
9/18/2020 AZ	5,451	42	21,865	516
9/19/2020 AZ	5,467	16	21,882	528
9/20/2020 AZ	5,476	9	21,876	472

9/21/2020 AZ	5,478	2	21,878	472
9/22/2020 AZ	5,498	20	21,900	527
9/23/2020 AZ	5,525	27	21,925	583
9/24/2020 AZ	5,559	34	21,942	565
9/25/2020 AZ	5,587	28	21,972	521
9/26/2020 AZ	5,622	35	22,005	509
9/27/2020 AZ	5,623	1	22,015	483
9/28/2020 AZ	5,623	0	22,019	468
9/29/2020 AZ	5,632	9	22,047	540
9/30/2020 AZ	5,650	18	22,119	560
10/1/2020 AZ	5,674	24	22,226	620
10/2/2020 AZ	5,693	19	22,240	586
10/3/2020 AZ	5,705	12	22,280	605
10/4/2020 AZ	5,706	1	22,294	545
10/5/2020 AZ	5,707	1	22,303	567
10/6/2020 AZ	5,713	6	19,987	665
10/7/2020 AZ	5,733	20	20,050	681
10/8/2020 AZ	5,743	10	20,171	728
10/9/2020 AZ	5,746	3	20,199	706
##### AZ	5,759	13	20,229	685
##### AZ	5,759	0	20,253	630
##### AZ	5,759	0	20,257	667
##### AZ	5,767	8	20,312	706
##### AZ	5,772	5	20,366	711
##### AZ	5,789	17	20,462	726
##### AZ	5,806	17	20,491	747
##### AZ	5,824	18	20,618	757
##### AZ	5,827	3	20,640	714
##### AZ	5,830	3	20,648	721
##### AZ	5,837	7	20,719	777
##### AZ	5,854	17	20,820	832
##### AZ	5,859	5	20,938	848
##### AZ	5,865	6	20,967	815
##### AZ	5,869	4	21,043	819
##### AZ	5,874	5	21,086	828
##### AZ	5,875	1	21,097	837
##### AZ	5,891	16	21,172	861
##### AZ	5,905	14	21,247	871
##### AZ	5,918	13	21,260	874
##### AZ	5,934	16	21,424	900
##### AZ	5,979	45	21,492	889
11/1/2020 AZ	5,981	2	21,558	875
11/2/2020 AZ	5,982	1	21,573	918
11/3/2020 AZ	6,020	38	21,626	956
11/4/2020 AZ	6,059	39	21,786	1,065
11/5/2020 AZ	6,087	28	21,831	1,100
11/6/2020 AZ	6,109	22	22,018	1,082
11/7/2020 AZ	6,147	38	22,170	1,139
11/8/2020 AZ	6,164	17	22,202	1,185
11/9/2020 AZ	6,164	0	22,211	1,232
##### AZ	6,192	28	22,428	1,289

##### AZ	6,228	36	22,494	1,360
##### AZ	6,240	12	22,576	1,368
##### AZ	6,257	17	22,820	1,381
##### AZ	6,300	43	22,937	1,470
##### AZ	6,302	2	23,049	1,506
##### AZ	6,302	0	23,122	1,557
##### AZ	6,312	10	23,243	1,624
##### AZ	6,365	53	23,473	1,700
##### AZ	6,384	19	23,871	1,796
##### AZ	6,427	43	24,052	1,835
##### AZ	6,457	30	24,181	1,916
##### AZ	6,464	7	24,412	1,932
##### AZ	6,464	0	24,461	2,008
##### AZ	6,515	51	24,666	2,084
##### AZ	6,524	9	24,952	2,217
##### AZ	6,568	44	25,163	2,289
##### AZ	6,588	20	25,296	2,301
##### AZ	6,624	36	25,348	2,383
##### AZ	6,634	10	25,568	2,458
##### AZ	6,639	5	25,786	2,513
12/1/2020 AZ	6,687	48	26,072	2,594
12/2/2020 AZ	6,739	52	26,312	2,699
12/3/2020 AZ	6,821	82	27,456	2,743
12/4/2020 AZ	6,885	64	27,738	2,899
12/5/2020 AZ	6,925	40	28,006	2,931
12/6/2020 AZ	6,950	25	28,248	2,977
12/7/2020 AZ	6,950	0	28,273	3,059
12/8/2020 AZ	6,973	23	28,525	3,157
12/9/2020 AZ	7,081	108	28,880	3,287
##### AZ	7,154	73	29,335	3,408
##### AZ	7,245	91	30,302	3,482
##### AZ	7,322	77	30,687	3,534
##### AZ	7,357	35	30,949	3,622
##### AZ	7,358	1	31,142	3,677
##### AZ	7,422	64	31,266	3,702
##### AZ	7,530	108	31,468	3,809
##### AZ	7,677	147	31,851	3,884
##### AZ	7,819	142	32,293	3,931
##### AZ	7,937	118	32,676	4,014
##### AZ	7,971	34	33,037	3,899
##### AZ	7,972	1	33,195	3,925
##### AZ	8,125	153	33,619	4,019
##### AZ	8,179	54	34,112	4,163
##### AZ	8,294	115	34,520	4,221
##### AZ	8,409	115	34,977	4,226
##### AZ	8,424	15	35,337	4,165
##### AZ	8,427	3	35,390	4,190
##### AZ	8,469	42	35,630	4,390
##### AZ	8,640	171	36,075	4,475
##### AZ	8,718	78	36,784	4,526
##### AZ	8,864	146	37,257	4,564

1/1/2021 AZ	9,015	151	38,846	4,501
1/2/2021 AZ	9,061	46	39,439	4,484
1/3/2021 AZ	9,061	0	39,728	4,557
1/4/2021 AZ	9,064	3	39,897	4,647
1/5/2021 AZ	9,317	253	40,303	4,789
1/6/2021 AZ	9,444	127	41,063	4,877
1/7/2021 AZ	9,741	297	42,112	4,920
1/8/2021 AZ	9,938	197	42,718	4,907
1/9/2021 AZ	10,036	98	43,095	4,918
1/10/2021 AZ	10,141	105	43,582	4,988
1/11/2021 AZ	10,147	6	43,636	4,997
1/12/2021 AZ	10,482	335	44,389	5,082
1/13/2021 AZ	10,673	191	44,863	5,055
1/14/2021 AZ	10,855	182	45,260	4,930
1/15/2021 AZ	11,040	185	45,665	4,866
1/16/2021 AZ	11,248	208	46,648	4,849
1/17/2021 AZ	11,266	18	47,081	4,773
1/18/2021 AZ	11,265	-1	47,195	4,752
1/19/2021 AZ	11,266	1	47,721	4,780
1/20/2021 AZ	11,528	262	48,207	4,663
1/21/2021 AZ	11,772	244	48,604	4,580
1/22/2021 AZ	12,001	229	49,602	4,495
1/23/2021 AZ	12,170	169	49,963	4,442
1/24/2021 AZ	12,238	68	50,264	4,320
1/25/2021 AZ	12,239	1	50,483	4,229
1/26/2021 AZ	12,448	209	50,657	4,221
1/27/2021 AZ	12,643	195	51,037	4,250
1/28/2021 AZ	12,819	176	51,349	4,087
1/29/2021 AZ	13,022	203	51,571	3,970
1/30/2021 AZ	13,098	76	52,006	3,828
1/31/2021 AZ	13,120	22	52,764	3,664
2/1/2021 AZ	13,124	4	52,986	3,654
2/2/2021 AZ	13,362	238	53,149	3,513
2/3/2021 AZ	13,576	214	53,432	3,456
2/4/2021 AZ	13,752	176	54,091	3,303
2/5/2021 AZ	13,948	196	54,309	3,167
2/6/2021 AZ	14,011	63	54,507	3,060
2/7/2021 AZ	14,048	37	54,657	2,910
2/8/2021 AZ	14,055	7	54,713	2,853
2/9/2021 AZ	14,286	231	54,967	2,744
2/10/2021 AZ	14,462	176	55,088	2,589
2/11/2021 AZ	14,662	200	55,272	2,507
2/12/2021 AZ	14,834	172	55,413	2,396
2/13/2021 AZ	14,948	114	55,559	2,300
2/14/2021 AZ	14,978	30	55,667	2,213
2/15/2021 AZ	14,978	0	55,777	2,119
2/16/2021 AZ	14,981	3	55,865	2,047
2/17/2021 AZ	15,063	82	55,983	1,941
2/18/2021 AZ	15,276	213	56,090	1,823
2/19/2021 AZ	15,421	145	56,732	1,738
2/20/2021 AZ	15,480	59	56,872	1,650

2/21/2021 AZ	15,505	25	56,946	1,598
2/22/2021 AZ	15,502	-3	56,994	1,590
2/23/2021 AZ	15,650	148	57,072	1,515
2/24/2021 AZ	15,693	43	57,156	1,449
2/25/2021 AZ	15,814	121	57,390	1,385
2/26/2021 AZ	15,897	83	57,460	1,354
2/27/2021 AZ	15,967	70	57,508	1,317
2/28/2021 AZ	15,980	13	57,599	1,251
3/1/2021 AZ	15,979	-1	57,589	1,241
3/2/2021 AZ	16,060	81	57,591	1,202
3/3/2021 AZ	16,089	29	57,697	1,165
3/4/2021 AZ	16,185	96	57,747	1,072
3/5/2021 AZ	16,269	84	57,819	1,043
3/6/2021 AZ	16,323	54	57,863	966
3/7/2021 AZ	16,328	5	57,907	963

hospitalized	Increase	DAILY	inlcu	Current	negative	TOTAL	negative	Incre	onVentilato	positive
4					27		0		0	0
1					28		1		0	2
1					33		5		0	3
0					44		11		0	5
0					44		0		0	5
2					44		0		0	5
0					51		7		0	6
3					59		8		0	9
5					82		23		0	9
6					94		12		0	9
4					121		27		0	12
10					121		0		0	12
6					125		4		0	18
13					142		17		0	20
12					148		6		0	28
18					175		27		0	44
23					211		36		0	65
20					240		29		0	104
17					282		42		0	152
44					309		27		0	265
30					313		4		0	357
45					323		10		0	450
39					347		24		0	577
40					7,455		7,108		0	736
43					7,455		0		0	873
41					12,953		5,498		0	919
51					15,602		2,649		0	1,157
56					18,082		2,480		0	1,289
48					19,645		1,563		0	1,413
34					21,111		1,466		0	1,598
51					22,904		1,793		0	1,769
44					25,141		2,237		0	2,019
49					25,141		0		0	2,269
59					30,078		4,937		0	2,456
34					30,800		722		0	2,575
53					31,838		1,038		0	2,726
44					34,160		2,322		0	3,018
45					34,622		462		0	3,112
42					37,137		2,515		0	3,393
37					38,570		1,433		0	3,539
48			286		39,645		1,075		195	3,702
49			286		40,290		645		216	3,806
42			286		41,348		1,058		202	3,962
45			278		43,164		1,816		188	4,234
31			285		44,723		1,559		178	4,507
52			285		46,326		1,603		178	4,719
46			283		48,061		1,735		187	4,929
67			285		49,436		1,375		181	5,064

30	285	49,901	465	181	5,251
44	300	51,142	1,241	195	5,459
44	305	52,928	1,786	201	5,769
54	332	54,669	1,741	186	6,045
46	313	56,228	1,559	191	6,280
44	308	58,285	2,057	200	6,526
56	328	59,827	1,542	200	6,716
52	303	60,490	663	193	6,948
60	312	61,611	1,121	191	7,202
53	311	64,138	2,527	194	7,648
49	311	66,917	2,779	187	7,962
47	291	69,633	2,716	198	8,364
56	282	72,479	2,846	192	8,640
46	288	76,334	3,855	200	8,919
57	303	78,955	2,621	185	9,305
52	286	82,030	3,075	193	9,707
48	288	86,489	4,459	196	9,945
58	295	90,599	4,110	197	10,526
36	296	94,850	4,251	186	10,960
35	300	99,258	4,408	195	11,119
41	297	105,084	5,826	201	11,380
42	318	111,106	6,022	204	11,736
39	292	115,574	4,468	191	12,176
52	323	121,664	6,090	201	12,674
41	313	128,832	7,168	222	13,169
37	344	133,157	4,325	210	13,631
30	337	137,824	4,667	201	13,937
54	329	142,303	4,479	200	14,170
43	318	147,005	4,702	201	14,566
36	298	150,538	3,533	208	14,897
49	299	156,312	5,774	197	15,315
58	311	160,395	4,083	203	15,608
41	309	164,400	4,005	193	16,039
42	322	167,302	2,902	201	16,339
51	334	171,221	3,919	212	16,561
45	336	173,948	2,727	208	16,783
50	375	179,004	5,056	237	17,262
51	374	185,151	6,147	222	17,763
58	378	191,348	6,197	238	18,465
53	386	197,792	6,444	241	19,255
45	376	205,270	7,478	239	19,936
66	377	207,947	2,677	238	20,123
75	380	216,583	8,636	235	21,250
69	379	222,292	5,709	239	22,233
53	375	227,002	4,710	223	22,753
70	375	239,533	12,531	241	24,332
65	391	246,195	6,662	292	25,451
70	392	254,732	8,537	248	26,889
64	390	260,403	5,671	246	27,678
48	438	264,917	4,514	264	28,296
41	413	269,835	4,918	273	29,852

41	429	278,318	8,483	278	31,264
38	429	289,861	11,543	278	32,918
36	447	293,939	4,078	309	34,458
33	452	302,354	8,415	317	35,691
34	464	308,552	6,198	307	36,705
27	502	315,237	6,685	340	39,097
15	531	325,269	10,032	346	40,924
17	540	336,289	11,020	341	43,443
5	519	345,527	9,238	362	46,689
6	546	355,482	9,955	368	49,798
3	556	367,354	11,872	361	52,390
0	583	375,204	7,850	379	54,586
0	614	382,339	7,135	386	58,179
58	581	389,214	6,875	407	59,974
93	611	401,166	11,952	415	63,030
108	581	413,275	12,109	312	66,548
81	657	424,696	11,421	433	70,051
22	666	435,988	11,292	475	73,908
17	679	436,890	902	465	74,533
102	683	453,141	16,251	455	79,215
101	675	465,504	12,363	466	84,092
79	723	473,414	7,910	488	87,425
102	741	486,523	13,109	489	91,858
50	796	494,955	8,432	413	94,553
93	821	506,273	11,318	531	98,089
27	839	516,400	10,127	533	101,441
84	869	523,703	7,303	544	105,094
115	871	532,456	8,753	570	108,614
139	861	540,390	7,934	575	112,671
133	876	552,319	11,929	615	116,892
91	899	564,060	11,741	620	119,930
45	922	573,705	9,645	631	122,467
44	936	578,602	4,897	671	123,824
103	970	593,846	15,244	674	128,097
161	929	604,608	10,762	671	131,354
193	918	614,653	10,045	657	134,613
106	944	626,445	11,792	687	138,523
165	894	630,726	4,281	657	141,265
65	894	642,355	11,629	622	143,624
66	886	648,340	5,985	622	145,183
196	865	658,983	10,643	608	148,683
153	870	663,372	4,389	609	150,609
189	851	669,769	6,397	617	152,944
225	837	680,516	10,747	575	156,301
166	842	697,568	17,052	594	160,041
79	837	705,089	7,521	581	162,014
45	820	714,506	9,417	567	163,827
1,643	814	724,997	10,491	574	165,934
666	800	733,156	8,159	561	168,273
1,112	758	742,468	9,312	531	170,798
88	719	759,733	17,265	505	174,010

86	710	771,648	11,915	490	177,002
25	685	777,961	6,313	474	178,467
29	628	784,921	6,960	461	179,497
1,894	638	790,739	5,818	474	180,505
265	618	803,339	12,600	455	182,203
509	593	812,217	8,878	427	183,647
5,173	565	819,792	7,575	411	185,053
3	539	830,414	10,622	400	186,107
24	514	835,640	5,226	374	186,923
9	506	840,708	5,068	366	187,523
15	510	848,538	7,830	346	188,737
529	519	854,785	6,247	328	189,443
682	497	867,384	12,599	334	190,794
12	473	875,854	8,470	324	191,721
280	442	884,537	8,683	284	192,654
-40	417	898,437	13,900	267	193,537
1	430	904,383	5,946	266	194,005
122	427	909,077	4,694	260	194,920
142	414	915,682	6,605	250	195,557
123	388	922,163	6,481	233	196,280
67	365	931,089	8,926	234	196,899
61	363	946,239	15,150	209	197,895
-30	329	952,766	6,527	191	198,103
-22	345	958,808	6,042	176	198,414
146	319	962,931	4,123	168	199,273
11	305	967,451	4,520	180	199,459
50	311	974,789	7,338	176	200,139
2	272	983,419	8,630	160	200,658
5	262	991,089	7,670	164	201,287
-12	263	997,780	6,691	161	201,661
-16	256	1,002,594	4,814	152	201,835
0	253	1,006,648	4,054	150	202,342
44	248	1,011,066	4,418	146	202,861
25	241	1,018,906	7,840	135	203,953
24	236	1,032,247	13,341	145	204,681
22	225	1,047,259	15,012	131	205,516
7	229	1,053,252	5,993	121	205,766
-2	221	1,057,433	4,181	119	205,964
-3	212	1,060,554	3,121	112	206,045
71	203	1,062,656	2,102	111	206,541
18	204	1,065,732	3,076	120	207,002
136	171	1,071,901	6,169	100	207,523
26	185	1,080,601	8,700	93	208,128
0	171	1,087,625	7,024	87	208,512
1	168	1,091,939	4,314	81	208,725
26	138	1,103,095	11,156	76	209,209
25	135	1,118,554	15,459	81	209,907
-4	119	1,141,222	22,668	65	211,660
44	130	1,149,377	8,155	72	212,942
17	120	1,159,608	10,231	70	213,551
-6	120	1,169,906	10,298	57	214,018

2	119	1,176,711	6,805	57	214,251
22	122	1,185,808	9,097	47	214,846
25	114	1,194,582	8,774	62	215,284
17	122	1,204,565	9,983	64	215,852
30	119	1,211,657	7,092	65	216,367
33	115	1,221,851	10,194	56	216,826
10	116	1,230,608	8,757	59	217,237
4	115	1,235,742	5,134	57	217,510
28	119	1,239,906	4,164	64	218,184
72	115	1,243,641	3,735	55	218,507
107	122	1,256,760	13,119	54	219,212
14	125	1,263,417	6,657	48	219,763
40	127	1,272,457	9,040	52	220,399
14	133	1,280,104	7,647	59	220,754
9	134	1,286,540	6,436	57	221,070
-2,316	138	1,294,273	7,733	65	221,934
63	147	1,300,948	6,675	66	222,538
121	156	1,312,499	11,551	63	223,401
28	155	1,324,198	11,699	70	224,084
30	145	1,335,929	11,731	71	224,978
24	144	1,345,494	9,565	79	225,575
4	155	1,353,061	7,567	80	226,050
55	146	1,359,347	6,286	88	226,734
54	163	1,366,610	7,263	85	227,635
96	173	1,377,341	10,731	75	228,748
29	167	1,384,981	7,640	79	229,486
127	174	1,395,439	10,458	81	230,407
22	176	1,405,061	9,622	85	231,149
8	177	1,413,104	8,043	94	231,897
71	170	1,419,675	6,571	91	232,937
101	171	1,428,792	9,117	91	233,912
118	164	1,438,997	10,205	92	234,906
29	172	1,450,981	11,984	85	235,882
76	191	1,462,194	11,213	87	236,772
43	181	1,473,706	11,512	91	238,163
11	179	1,481,321	7,615	97	238,964
75	187	1,490,040	8,719	100	240,122
75	188	1,495,814	5,774	94	241,165
13	186	1,508,827	13,013	95	242,480
164	188	1,520,739	11,912	99	244,045
68	197	1,531,423	10,684	104	245,946
66	222	1,544,171	12,748	112	247,473
15	231	1,550,382	6,211	120	248,139
53	227	1,559,453	9,071	112	249,818
160	241	1,567,864	8,411	127	250,633
45	254	1,580,161	12,297	128	252,768
187	250	1,593,981	13,820	138	254,764
152	249	1,608,041	14,060	137	257,384
32	272	1,620,064	12,023	148	259,264
9	292	1,630,206	10,142	142	259,699
217	294	1,642,297	12,091	148	263,133

66	309	1,650,072	7,775	156	265,163
82	331	1,663,978	13,906	180	266,562
244	335	1,680,262	16,284	176	269,577
117	362	1,695,606	15,344	189	273,053
112	368	1,706,395	10,789	183	275,436
73	374	1,718,324	11,929	194	276,912
121	385	1,731,896	13,572	191	279,896
230	396	1,743,653	11,757	218	283,102
398	433	1,758,070	14,417	227	287,225
181	431	1,780,492	22,422	244	291,696
129	435	1,796,763	16,271	253	295,334
231	438	1,813,309	16,546	256	299,665
49	469	1,831,299	17,990	294	302,324
205	474	1,842,033	10,734	310	306,868
286	531	1,855,402	13,369	335	310,850
211	523	1,873,862	18,460	335	314,326
133	532	1,894,651	20,789	325	318,638
52	553	1,905,019	10,368	343	322,774
220	573	1,920,319	15,300	356	325,995
218	579	1,936,949	16,630	352	326,817
286	597	1,945,076	8,127	369	337,139
240	642	1,957,887	12,811	386	340,979
1,144	642	1,969,836	11,949	386	346,421
282	666	1,986,277	16,441	412	352,101
268	701	2,003,152	16,875	431	358,900
242	714	2,018,813	15,661	462	364,276
25	736	2,035,704	16,891	459	365,843
252	744	2,042,903	7,199	487	378,157
355	766	2,050,231	7,328	492	382,601
455	799	2,064,282	14,051	496	387,529
967	809	2,080,870	16,588	508	394,512
385	799	2,099,165	18,295	515	402,589
262	831	2,119,705	20,540	537	408,442
193	829	2,126,928	7,223	542	420,248
124	863	2,137,182	10,254	579	424,382
202	882	2,148,190	11,008	602	429,219
383	899	2,165,904	17,714	618	435,036
442	915	2,181,193	15,289	601	442,671
383	939	2,196,578	15,385	612	448,231
361	885	2,214,639	18,061	595	453,597
158	904	2,224,376	9,737	628	461,345
424	943	2,233,751	9,375	644	467,215
493	972	2,245,335	11,584	673	473,273
408	965	2,261,515	16,180	620	480,319
457	976	2,275,959	14,444	636	486,935
360	983	2,293,262	17,303	652	493,041
53	988	2,303,758	10,496	667	494,337
240	1,007	2,301,332	-2,426	715	504,423
445	1,053	2,310,576	9,244	720	507,222
709	1,076	2,324,163	13,587	750	512,489
473	1,028	2,339,635	15,472	746	520,207

1,589	1,072	2,375,070	35,435	759	530,267
593	1,074	2,393,336	18,266	761	539,150
289	1,081	2,394,408	1,072	762	556,384
169	1,082	2,404,314	9,906	782	561,542
406	1,096	2,415,013	10,699	761	567,474
760	1,084	2,428,898	13,885	747	574,680
1,049	1,101	2,435,839	6,941	776	584,593
606	1,122	2,452,617	16,778	799	596,251
377	1,121	2,469,859	17,242	791	607,345
487	1,122	2,490,171	20,312	791	618,546
54	1,158	2,503,716	13,545	783	627,541
753	1,183	2,513,894	10,178	786	636,100
474	1,158	2,524,887	10,993	805	641,729
397	1,167	2,539,745	14,858	821	649,040
405	1,138	2,552,128	12,383	753	658,186
983	1,144	2,563,182	11,054	821	666,901
433	1,118	2,574,357	11,175	800	673,882
114	1,097	2,583,886	9,529	797	679,282
526	1,105	2,589,873	5,987	797	685,699
486	1,050	2,603,084	13,211	778	690,544
397	1,058	2,628,346	25,262	731	699,942
998	1,054	2,643,185	14,839	739	708,041
361	1,049	2,657,166	13,981	728	715,357
301	1,054	2,671,771	14,605	720	722,574
219	1,027	2,682,877	11,106	702	727,895
174	1,028	2,691,291	8,414	687	732,643
380	1,024	2,702,143	10,852	686	738,561
312	1,023	2,712,847	10,704	692	743,232
222	1,002	2,722,293	9,446	678	748,260
435	984	2,734,463	12,170	645	753,379
758	979	2,747,043	12,580	663	758,404
222	984	2,753,536	6,493	662	762,145
163	944	2,760,412	6,876	671	765,083
283	955	2,770,865	10,453	646	767,379
659	946	2,781,628	10,763	618	771,796
218	909	2,793,926	12,298	573	775,622
198	849	2,801,489	7,563	561	779,093
150	838	2,818,265	16,776	561	780,637
56	828	2,820,314	2,049	536	782,887
254	797	2,834,530	14,216	524	787,268
121	763	2,841,495	6,965	508	789,245
184	719	2,855,265	13,770	481	791,106
141	705	2,864,855	9,590	466	793,532
146	701	2,874,760	9,905	412	795,323
108	661	2,884,387	9,627	399	797,270
110	644	2,891,627	7,240	397	798,608
88	601	2,896,644	5,017	383	799,740
118	593	2,901,236	4,592	354	801,055
107	566	2,906,702	5,466	330	802,198
642	563	2,918,905	12,203	334	804,116
140	517	2,931,160	12,255	294	806,163

74	501	2,940,237	9,077	286	807,967
48	478	2,948,102	7,865	299	809,474
78	447	2,953,210	5,108	266	810,658
84	430	2,960,197	6,987	253	811,968
234	415	2,970,392	10,195	241	812,907
70	419	2,980,441	10,049	225	814,528
48	415	2,986,896	6,455	220	815,707
91	402	2,996,831	9,935	210	816,782
-10	382	3,002,212	5,381	196	817,821
2	385	3,007,671	5,459	203	818,670
106	381	3,022,710	15,039	177	819,954
50	343	3,032,112	9,402	165	821,108
72	325	3,050,890	18,778	154	823,384
44	280	3,059,332	8,442	140	825,119
44	273	3,073,010	13,678	143	826,454

positiveIncrease	totalTestsAll	totalTestsIncrease	totalTestsAntibody	totalTestsPeopleViral	totalTestsPeopleViralIncrease	totalTestsViral	totalTestsViralIncrease
0	33	33	0	29	29	33	33
2	63	30	0	30	3	63	30
1	80	17	0	36	6	80	17
2	117	37	0	49	13	117	37
0	130	13	0	49	0	130	13
0	147	17	0	49	0	147	17
1	222	75	0	57	8	222	75
3	285	63	0	68	11	285	63
0	422	137	0	91	23	422	137
0	813	391	0	103	12	813	391
3	1,291	478	0	133	30	1,291	478
0	1,552	261	0	133	0	1,552	261
6	1,855	303	0	143	10	1,855	303
2	2,898	1,043	0	162	19	2,898	1,043
8	4,294	1,396	0	176	14	4,294	1,396
16	5,743	1,449	0	219	43	5,743	1,449
21	7,395	1,652	0	276	57	7,395	1,652
39	9,314	1,919	0	344	68	9,314	1,919
48	10,120	806	0	434	90	10,120	806
113	10,844	724	0	574	140	10,844	724
92	13,392	2,548	0	670	96	13,392	2,548
93	15,978	2,586	0	773	103	15,978	2,586
127	18,707	2,729	0	924	151	18,707	2,729
159	21,133	2,426	0	8,191	7,267	21,133	2,426
137	23,540	2,407	0	8,328	137	23,540	2,407
46	24,777	1,237	0	13,872	5,544	24,777	1,237
238	25,558	781	0	16,759	2,887	25,558	781
132	27,999	2,441	0	19,371	2,612	27,999	2,441
124	30,273	2,274	0	21,058	1,687	30,273	2,274
185	32,656	2,383	0	22,709	1,651	32,656	2,383
171	35,068	2,412	0	24,673	1,964	35,068	2,412
250	37,309	2,241	1	27,160	2,487	37,309	2,241
250	38,447	1,138	1	27,410	250	38,447	1,138
187	39,395	948	1	32,534	5,124	39,395	948
119	43,059	3,664	1	33,375	841	43,059	3,664
151	45,479	2,420	3	34,564	1,189	45,479	2,420
292	47,368	1,889	5	37,178	2,614	47,368	1,889
94	49,474	2,106	7	37,734	556	49,474	2,106
281	51,435	1,961	13	40,530	2,796	51,435	1,961
146	52,289	854	17	42,109	1,579	52,289	854
163	53,187	898	18	43,347	1,238	53,187	898
104	55,491	2,304	20	44,096	749	55,491	2,304
156	57,662	2,171	30	45,310	1,214	57,662	2,171
272	59,878	2,216	36	47,398	2,088	59,878	2,216
273	62,213	2,335	43	49,230	1,832	62,213	2,335
212	64,671	2,458	53	51,045	1,815	64,671	2,458
210	65,652	981	68	52,990	1,945	65,652	981
135	66,619	967	72	54,500	1,510	66,619	967

187	69,364	2,745	75	55,152	652	69,364	2,745
208	71,814	2,450	106	56,601	1,449	71,814	2,450
310	74,324	2,510	124	58,697	2,096	74,324	2,510
276	76,906	2,582	154	60,714	2,017	76,906	2,582
235	79,897	2,991	221	62,508	1,794	79,897	2,991
246	81,060	1,163	382	64,811	2,303	81,060	1,163
190	81,952	892	404	66,543	1,732	81,952	892
232	85,487	3,535	411	67,438	895	85,487	3,535
254	89,547	4,060	1,901	68,813	1,375	89,547	4,060
446	93,389	3,842	4,225	71,786	2,973	93,389	3,842
314	97,494	4,105	7,495	74,879	3,093	97,494	4,105
402	102,618	5,124	11,014	77,997	3,118	102,618	5,124
276	109,167	6,549	15,195	81,119	3,122	109,167	6,549
279	110,799	1,632	15,730	85,253	4,134	110,799	1,632
386	116,484	5,685	16,134	88,260	3,007	116,484	5,685
402	122,269	5,785	20,997	91,737	3,477	122,269	5,785
238	127,971	5,702	25,887	96,434	4,697	127,971	5,702
581	135,077	7,106	30,842	101,125	4,691	135,077	7,106
434	142,107	7,030	35,782	105,810	4,685	142,107	7,030
159	153,090	10,983	41,318	110,377	4,567	153,090	10,983
261	155,246	2,156	42,352	116,464	6,087	155,246	2,156
356	163,441	8,195	42,820	122,842	6,378	163,441	8,195
440	171,535	8,094	47,603	127,750	4,908	171,535	8,094
498	178,980	7,445	52,083	134,338	6,588	178,980	7,445
495	186,249	7,269	56,355	142,001	7,663	186,249	7,269
462	195,923	9,674	60,776	146,788	4,787	195,923	9,674
306	208,265	12,342	65,780	151,761	4,973	208,265	12,342
233	211,546	3,281	67,571	156,473	4,712	211,546	3,281
396	220,668	9,122	68,912	161,571	5,098	220,668	9,122
331	228,719	8,051	74,087	165,435	3,864	228,719	8,051
418	235,548	6,829	79,108	171,627	6,192	235,548	6,829
293	243,094	7,546	84,064	176,003	4,376	243,094	7,546
431	251,250	8,156	88,847	180,439	4,436	251,250	8,156
300	257,617	6,367	93,312	183,641	3,202	257,617	6,367
222	261,004	3,387	95,583	187,782	4,141	261,004	3,387
222	264,185	3,181	96,266	190,731	2,949	264,185	3,181
479	273,336	9,151	96,842	196,266	5,535	273,336	9,151
501	281,591	8,255	101,232	202,914	6,648	281,591	8,255
702	290,737	9,146	105,486	209,813	6,899	290,737	9,146
790	301,559	10,822	109,543	217,047	7,234	301,559	10,822
681	310,662	9,103	113,623	225,206	8,159	310,662	9,103
187	314,143	3,481	115,519	228,070	2,864	314,143	3,481
1,127	325,216	11,073	116,283	237,833	9,763	325,216	11,073
983	336,357	11,141	120,814	244,525	6,692	336,357	11,141
520	347,401	11,044	124,976	249,755	5,230	347,401	11,044
1,579	359,497	12,096	128,552	263,865	14,110	359,497	12,096
1,119	373,325	13,828	132,191	271,646	7,781	373,325	13,828
1,438	379,633	6,308	135,958	281,621	9,975	379,633	6,308
789	384,447	4,814	137,046	288,081	6,460	384,447	4,814
618	398,903	14,456	137,700	293,213	5,132	398,903	14,456
1,556	414,015	15,112	141,708	299,687	6,474	414,015	15,112

1,412	429,051	15,036	147,343	309,273	9,895	429,051	15,036
1,654	444,139	15,088	151,020	320,816	13,197	444,139	15,088
1,540	460,476	16,337	154,757	328,085	5,618	460,476	16,337
1,233	469,793	9,317	158,218	337,728	9,648	469,793	9,317
1,014	476,074	6,281	159,138	344,929	7,212	476,074	6,281
2,392	493,848	17,774	159,813	353,991	9,077	493,848	17,774
1,827	511,836	17,988	163,007	365,846	11,859	511,836	17,988
2,519	529,559	17,723	167,002	379,374	13,539	529,559	17,723
3,246	550,195	20,636	170,096	391,850	12,484	550,195	20,636
3,109	572,516	22,321	173,613	404,908	13,064	572,516	22,321
2,592	585,644	13,128	177,548	419,372	14,464	585,644	13,128
2,196	593,334	7,690	178,473	429,418	10,046	593,334	7,690
3,593	615,298	21,964	179,185	440,138	10,728	615,298	21,964
1,795	638,775	23,477	182,563	448,800	8,670	638,775	23,477
3,056	662,473	23,698	186,691	463,800	15,008	662,473	23,698
3,518	686,142	23,669	190,579	479,330	15,627	686,142	23,669
3,503	709,826	23,684	194,641	494,337	14,924	709,826	23,684
3,857	723,634	13,808	198,787	509,485	15,149	723,634	13,808
625	733,199	9,565	199,719	511,009	1,527	733,199	9,565
4,682	759,832	26,633	200,303	531,922	20,933	759,832	26,633
4,877	786,501	26,669	204,412	549,149	17,240	786,501	26,669
3,333	812,675	26,174	207,746	560,384	11,243	812,675	26,174
4,433	839,264	26,589	210,982	577,919	17,542	839,264	26,589
2,695	856,727	17,463	214,173	589,040	11,127	856,727	17,463
3,536	864,800	8,073	215,183	603,884	14,854	864,800	8,073
3,352	873,294	8,494	215,791	617,343	13,479	873,294	8,494
3,653	898,487	25,193	216,268	628,275	10,956	898,487	25,193
3,520	924,637	26,150	219,114	640,487	12,273	924,637	26,150
4,057	949,463	24,826	222,446	652,418	11,991	949,463	24,826
4,221	975,259	25,796	225,140	668,528	16,150	975,259	25,796
3,038	998,781	23,522	227,933	683,293	14,779	998,781	23,522
2,537	1,011,370	12,589	230,956	695,463	12,182	1,011,370	12,589
1,357	1,019,870	8,500	231,791	701,703	6,254	1,019,870	8,500
4,273	1,042,118	22,248	232,343	721,191	19,517	1,042,118	22,248
3,257	1,066,295	24,177	235,288	735,184	14,019	1,066,295	24,177
3,259	1,089,641	23,346	238,219	748,491	13,304	1,089,641	23,346
3,910	1,110,415	20,774	240,534	764,155	15,702	1,110,415	20,774
2,742	1,132,328	21,913	242,837	771,991	7,023	1,132,328	21,913
2,359	1,145,119	12,791	245,671	785,979	13,988	1,145,119	12,791
1,559	1,152,482	7,363	246,336	793,523	7,544	1,152,482	7,363
3,500	1,171,347	18,865	246,810	807,666	14,143	1,171,347	18,865
1,926	1,190,282	18,935	249,837	813,981	6,315	1,190,282	18,935
2,335	1,208,695	18,413	252,884	822,713	8,732	1,208,695	18,413
3,357	1,224,884	16,189	255,150	836,817	14,104	1,224,884	16,189
3,740	1,241,053	16,169	257,551	857,609	20,792	1,241,053	16,169
1,973	1,252,779	11,726	260,351	867,103	9,494	1,252,779	11,726
1,813	1,260,447	7,668	260,983	878,333	11,230	1,260,447	7,668
2,107	1,279,558	19,111	261,430	890,931	12,598	1,279,558	19,111
2,339	1,296,819	17,261	264,215	901,429	10,498	1,296,819	17,261
2,525	1,313,170	16,351	267,105	913,266	11,837	1,313,170	16,351
3,212	1,328,836	15,666	269,923	933,743	20,477	1,328,836	15,666

2,992	1,345,780	16,944	272,439	948,650	14,907	1,345,780	16,944
1,465	1,357,545	11,765	274,873	956,428	7,778	1,357,545	11,765
1,030	1,364,256	6,711	275,562	964,418	7,990	1,364,256	6,711
1,008	1,381,739	17,483	276,051	971,244	6,826	1,381,739	17,483
1,698	1,397,596	15,857	278,398	984,332	14,298	1,397,596	15,857
1,444	1,414,087	16,491	280,696	994,625	10,322	1,414,087	16,491
1,406	1,428,778	14,691	282,598	1,003,583	8,981	1,428,778	14,691
1,054	1,443,202	14,424	284,895	1,015,218	11,676	1,443,202	14,424
816	1,452,522	9,320	287,117	1,021,233	6,042	1,452,522	9,320
600	1,460,286	7,764	287,773	1,026,888	5,668	1,460,286	7,764
1,214	1,478,449	18,163	288,276	1,035,900	9,044	1,478,449	18,163
706	1,496,412	17,963	290,414	1,042,838	6,953	1,496,412	17,963
1,351	1,513,889	17,477	292,825	1,056,770	13,950	1,513,889	17,477
927	1,527,959	14,070	294,763	1,066,146	9,397	1,527,959	14,070
933	1,544,331	16,372	296,673	1,075,748	9,616	1,544,331	16,372
883	1,553,885	9,554	298,808	1,090,499	14,783	1,553,885	9,554
468	1,561,050	7,165	299,451	1,096,897	6,414	1,561,050	7,165
915	1,578,782	17,732	300,007	1,102,493	5,609	1,578,782	17,732
637	1,596,418	17,636	302,087	1,109,724	7,242	1,596,418	17,636
723	1,613,909	17,491	304,283	1,116,897	7,204	1,613,909	17,491
619	1,628,519	14,610	305,925	1,126,420	9,545	1,628,519	14,610
996	1,644,455	15,936	307,676	1,142,557	16,146	1,644,455	15,936
208	1,652,279	7,824	309,582	1,149,287	6,735	1,652,279	7,824
311	1,658,513	6,234	310,224	1,155,629	6,353	1,658,513	6,234
859	1,676,568	18,055	310,714	1,160,602	4,982	1,676,568	18,055
186	1,693,858	17,290	312,454	1,165,295	4,706	1,693,858	17,290
680	1,714,771	20,913	314,349	1,173,293	8,018	1,714,771	20,913
519	1,729,437	14,666	315,723	1,182,397	9,149	1,729,437	14,666
629	1,743,437	14,000	317,139	1,190,668	8,299	1,743,437	14,000
374	1,749,788	6,351	318,906	1,197,728	7,065	1,749,788	6,351
174	1,754,165	4,377	319,534	1,202,698	4,988	1,754,165	4,377
507	1,774,187	20,022	319,986	1,207,256	4,561	1,774,187	20,022
519	1,794,201	20,014	321,549	1,212,177	4,937	1,794,201	20,014
1,092	1,811,773	17,572	323,046	1,221,089	8,932	1,811,773	17,572
728	1,827,793	16,020	324,138	1,235,142	14,069	1,827,793	16,020
835	1,843,841	16,048	325,245	1,250,981	15,847	1,843,841	16,048
250	1,848,768	4,927	326,608	1,257,221	6,243	1,848,768	4,927
198	1,853,118	4,350	327,217	1,261,590	4,379	1,853,118	4,350
81	1,857,703	4,585	327,779	1,264,793	3,202	1,857,703	4,585
496	1,876,469	18,766	328,275	1,267,371	2,598	1,876,469	18,766
461	1,894,723	18,254	329,718	1,270,873	3,537	1,894,723	18,254
521	1,909,700	14,977	330,810	1,277,543	6,690	1,909,700	14,977
605	1,924,587	14,887	331,886	1,286,824	9,305	1,924,587	14,887
384	1,931,715	7,128	333,533	1,296,137	7,408	1,931,715	7,128
213	1,936,977	5,262	334,187	1,300,664	4,527	1,936,977	5,262
484	1,955,538	18,561	334,680	1,310,315	11,640	1,955,538	18,561
698	1,974,359	18,821	336,133	1,326,272	16,157	1,974,359	18,821
1,753	1,994,345	19,986	337,526	1,350,116	24,421	1,994,345	19,986
1,282	2,010,969	16,624	338,768	1,358,154	9,437	2,010,969	16,624
609	2,026,942	15,973	339,866	1,368,906	10,840	2,026,942	15,973
467	2,035,326	8,384	341,668	1,379,607	10,765	2,035,326	8,384

233	2,042,448	7,122	342,299	1,386,627	7,038	2,042,448	7,122
595	2,063,747	21,299	342,782	1,396,418	9,692	2,063,747	21,299
438	2,085,450	21,703	344,432	1,405,502	9,212	2,085,450	21,703
568	2,105,548	20,098	346,495	1,415,991	10,551	2,105,548	20,098
515	2,123,314	17,766	348,167	1,423,603	7,607	2,123,314	17,766
459	2,139,926	16,612	349,938	1,434,227	10,653	2,139,926	16,612
411	2,148,819	8,893	351,862	1,443,323	9,168	2,148,819	8,893
273	2,155,348	6,529	352,876	1,448,712	5,407	2,155,348	6,529
674	2,174,410	19,062	353,517	1,453,528	4,838	2,174,410	19,062
323	2,193,467	19,057	355,410	1,457,575	4,058	2,193,467	19,057
705	2,216,176	22,709	357,414	1,471,368	13,824	2,216,176	22,709
551	2,236,164	19,988	359,060	1,478,504	7,208	2,236,164	19,988
636	2,255,630	19,466	360,730	1,488,145	9,676	2,255,630	19,466
355	2,266,217	10,587	362,622	1,496,131	8,002	2,266,217	10,587
316	2,273,690	7,473	364,033	1,502,873	6,752	2,273,690	7,473
864	2,297,490	23,800	364,637	1,511,427	8,597	2,297,490	23,800
604	2,321,782	24,292	366,319	1,518,694	7,279	2,321,782	24,292
863	2,344,730	22,948	368,482	1,531,095	12,414	2,344,730	22,948
683	2,365,848	21,118	370,643	1,543,445	12,382	2,365,848	21,118
894	2,385,045	19,197	372,442	1,556,015	12,625	2,385,045	19,197
597	2,395,150	10,105	374,816	1,566,165	10,162	2,395,150	10,105
475	2,403,048	7,898	375,886	1,574,200	8,042	2,403,048	7,898
684	2,425,141	22,093	376,656	1,581,151	6,970	2,425,141	22,093
901	2,447,427	22,286	378,395	1,589,202	8,164	2,447,427	22,286
1,113	2,471,838	24,411	380,398	1,601,033	11,844	2,471,838	24,411
738	2,493,039	21,201	382,075	1,609,380	8,378	2,493,039	21,201
921	2,514,031	20,992	383,829	1,620,703	11,379	2,514,031	20,992
742	2,526,396	12,365	385,544	1,631,023	10,364	2,526,396	12,365
748	2,536,524	10,128	386,709	1,639,785	8,791	2,536,524	10,128
1,040	2,563,078	26,554	387,436	1,647,345	7,611	2,563,078	26,554
975	2,590,386	27,308	389,111	1,657,389	10,092	2,590,386	27,308
994	2,619,925	29,539	390,954	1,668,562	11,199	2,619,925	29,539
976	2,644,780	24,855	392,396	1,681,469	12,960	2,644,780	24,855
890	2,667,371	22,591	394,092	1,693,549	12,103	2,667,371	22,591
1,391	2,681,115	13,744	396,285	1,706,407	12,903	2,681,115	13,744
801	2,690,075	8,960	397,342	1,714,801	8,416	2,690,075	8,960
1,158	2,718,140	28,065	398,028	1,724,647	9,877	2,718,140	28,065
1,043	2,747,224	29,084	399,841	1,731,447	6,817	2,747,224	29,084
1,315	2,775,736	28,512	402,085	1,745,662	14,328	2,775,736	28,512
1,565	2,804,634	28,898	403,989	1,759,095	13,477	2,804,634	28,898
1,901	2,829,519	24,885	405,894	1,771,553	12,585	2,829,519	24,885
1,527	2,842,876	13,357	407,735	1,785,767	14,275	2,842,876	13,357
666	2,855,088	12,212	408,714	1,792,602	6,877	2,855,088	12,212
1,679	2,888,318	33,230	409,383	1,803,235	10,750	2,888,318	33,230
815	2,922,813	34,495	411,072	1,812,326	9,226	2,922,813	34,495
2,135	2,958,069	35,256	412,908	1,826,629	14,432	2,958,069	35,256
1,996	2,992,772	34,703	414,437	1,842,311	15,816	2,992,772	34,703
2,620	3,024,516	31,744	415,900	1,858,835	16,680	3,024,516	31,744
1,880	3,043,793	19,277	417,658	1,872,660	13,903	3,043,793	19,277
435	3,058,628	14,835	418,900	1,883,207	10,577	3,058,628	14,835
3,434	3,094,865	36,237	419,691	1,898,614	15,525	3,094,865	36,237

2,030	3,133,703	38,838	421,428	1,908,309	9,805	3,133,703	38,838
1,399	3,162,058	28,355	423,350	1,923,506	15,305	3,162,058	28,355
3,015	3,200,928	38,870	424,886	1,942,716	19,299	3,200,928	38,870
3,476	3,235,173	34,245	426,466	1,961,414	18,820	3,235,173	34,245
2,383	3,257,981	22,808	428,367	1,974,498	13,172	3,257,981	22,808
1,476	3,274,985	17,004	429,493	1,987,781	13,405	3,274,985	17,004
2,984	3,318,826	43,841	430,364	2,004,208	16,556	3,318,826	43,841
3,206	3,365,609	46,783	432,134	2,018,995	14,963	3,365,609	46,783
4,123	3,415,337	49,728	434,419	2,037,288	18,540	3,415,337	49,728
4,471	3,464,193	48,856	436,592	2,063,889	26,893	3,464,193	48,856
3,638	3,509,195	45,002	438,044	2,083,643	19,909	3,509,195	45,002
4,331	3,540,180	30,985	440,171	2,104,352	20,877	3,540,180	30,985
2,659	3,563,416	23,236	441,256	2,124,873	20,649	3,563,416	23,236
4,544	3,620,556	57,140	441,838	2,140,041	15,278	3,620,556	57,140
3,982	3,671,613	51,057	443,634	2,157,139	17,351	3,671,613	51,057
3,476	3,719,276	47,663	445,594	2,178,685	21,936	3,719,276	47,663
4,312	3,729,756	10,480	447,576	2,203,517	25,101	3,729,756	10,480
4,136	3,757,165	27,409	447,812	2,217,884	14,504	3,757,165	27,409
3,221	3,780,594	23,429	448,883	2,236,325	18,521	3,780,594	23,429
822	3,803,094	22,500	449,973	2,253,689	17,452	3,803,094	22,500
10,322	3,860,609	57,515	450,648	2,271,914	18,449	3,860,609	57,515
3,840	3,914,647	54,038	452,708	2,288,204	16,651	3,914,647	54,038
5,442	3,965,378	50,731	455,091	2,305,084	17,391	3,965,378	50,731
5,680	4,012,371	46,993	457,196	2,326,744	22,121	4,012,371	46,993
6,799	4,045,775	33,404	459,090	2,349,913	23,674	4,045,775	33,404
5,376	4,061,215	15,440	460,621	2,370,499	21,037	4,061,215	15,440
1,567	4,065,296	4,081	461,323	2,388,839	18,458	4,065,296	4,081
12,314	4,065,339	43	461,682	2,408,041	19,513	4,065,339	43
4,444	4,091,817	26,478	463,284	2,419,380	11,772	4,091,817	26,478
4,928	4,136,075	44,258	465,235	2,437,709	18,979	4,136,075	44,258
6,983	4,187,860	51,785	467,314	2,460,821	23,571	4,187,860	51,785
8,077	4,245,154	57,294	469,285	2,486,863	26,372	4,245,154	57,294
5,853	4,305,888	60,734	470,894	2,512,696	26,393	4,305,888	60,734
11,806	4,344,693	38,805	471,658	2,531,222	19,029	4,344,693	38,805
4,134	4,374,452	29,759	471,973	2,545,326	14,388	4,374,452	29,759
4,837	4,409,083	34,631	473,513	2,560,640	15,845	4,409,083	34,631
5,817	4,462,666	53,583	475,090	2,583,394	23,531	4,462,666	53,583
7,635	4,514,548	51,882	477,028	2,605,792	22,924	4,514,548	51,882
5,560	4,563,098	48,550	478,903	2,626,177	20,945	4,563,098	48,550
5,366	4,620,819	57,721	480,619	2,648,988	23,427	4,620,819	57,721
7,748	4,658,586	37,767	481,340	2,666,030	17,485	4,658,586	37,767
5,870	4,690,016	31,430	481,747	2,680,848	15,245	4,690,016	31,430
6,058	4,732,267	42,251	483,451	2,698,015	17,642	4,732,267	42,251
7,046	4,787,230	54,963	485,476	2,720,517	23,226	4,787,230	54,963
6,616	4,836,931	49,701	487,302	2,740,972	21,060	4,836,931	49,701
6,106	4,893,296	56,365	488,056	2,763,736	23,409	4,893,296	56,365
1,296	4,918,727	25,431	488,191	2,775,486	11,792	4,918,727	25,431
10,086	4,934,488	15,761	488,550	2,782,755	7,660	4,934,488	15,761
2,799	4,961,687	27,199	488,839	2,794,362	12,043	4,961,687	27,199
5,267	5,003,811	42,124	490,174	2,812,466	18,854	5,003,811	42,124
7,718	5,059,770	55,959	491,918	2,834,752	23,190	5,059,770	55,959

10,060	5,155,330	95,560	493,757	2,878,868	45,495	5,155,330	95,560
8,883	5,218,721	63,391	494,862	2,905,383	27,149	5,218,721	63,391
17,234	5,257,472	38,751	495,218	2,922,767	18,306	5,257,472	38,751
5,158	5,288,658	31,186	495,894	2,937,589	15,064	5,288,658	31,186
5,932	5,324,030	35,372	496,403	2,953,732	16,631	5,324,030	35,372
7,206	5,374,504	50,474	498,185	2,974,034	21,091	5,374,504	50,474
9,913	5,416,054	41,550	500,180	2,989,812	16,854	5,416,054	41,550
11,658	5,482,297	66,243	502,366	3,017,154	28,436	5,482,297	66,243
11,094	5,557,364	75,067	504,461	3,044,506	28,336	5,557,364	75,067
11,201	5,635,119	77,755	506,459	3,075,262	31,513	5,635,119	77,755
8,995	5,696,693	61,574	507,098	3,097,409	22,540	5,696,693	61,574
8,559	5,742,443	45,750	507,483	3,115,744	18,737	5,742,443	45,750
5,629	5,788,321	45,878	509,039	3,131,735	16,622	5,788,321	45,878
7,311	5,854,089	65,768	511,180	3,153,047	22,169	5,854,089	65,768
9,146	5,912,271	58,182	513,006	3,173,905	21,529	5,912,271	58,182
8,715	5,969,026	56,755	514,886	3,193,177	19,769	5,969,026	56,755
6,981	6,029,520	60,494	516,750	3,210,821	18,156	6,029,520	60,494
5,400	6,069,199	39,679	517,482	3,225,405	14,929	6,069,199	39,679
6,417	6,101,540	32,341	517,937	3,237,576	12,404	6,101,540	32,341
4,845	6,145,769	44,229	519,466	3,255,275	18,056	6,145,769	44,229
9,398	6,215,572	69,803	521,618	3,287,300	34,660	6,215,572	69,803
8,099	6,269,091	53,519	523,200	3,308,691	22,938	6,269,091	53,519
7,316	6,324,445	55,354	525,195	3,329,195	21,297	6,324,445	55,354
7,217	6,385,219	60,774	526,923	3,350,246	21,822	6,385,219	60,774
5,321	6,429,799	44,580	527,775	3,366,193	16,427	6,429,799	44,580
4,748	6,462,314	32,515	528,280	3,379,047	13,162	6,462,314	32,515
5,918	6,504,407	42,093	529,787	3,394,642	16,770	6,504,407	42,093
4,671	6,549,568	45,161	531,723	3,409,395	15,375	6,549,568	45,161
5,028	6,589,141	39,573	533,935	3,423,319	14,474	6,589,141	39,573
5,119	6,643,932	54,791	535,655	3,440,127	17,289	6,643,932	54,791
5,025	6,698,752	54,820	537,315	3,457,316	17,605	6,698,752	54,820
3,741	6,726,250	27,498	538,066	3,467,337	10,234	6,726,250	27,498
2,938	6,754,669	28,419	538,419	3,476,921	9,814	6,754,669	28,419
2,296	6,795,188	40,519	539,976	3,489,351	12,749	6,795,188	40,519
4,417	6,841,912	46,724	541,820	3,503,880	15,180	6,841,912	46,724
3,826	6,889,120	47,208	543,935	3,519,585	16,124	6,889,120	47,208
3,471	6,922,180	33,060	545,719	3,530,097	11,034	6,922,180	33,060
1,544	6,982,148	59,968	547,275	3,548,393	18,320	6,982,148	59,968
2,250	6,993,662	11,514	547,915	3,552,101	4,299	6,993,662	11,514
4,381	7,037,126	43,464	548,188	3,569,766	18,597	7,037,126	43,464
1,977	7,061,776	24,650	549,670	3,578,215	8,942	7,061,776	24,650
1,861	7,105,696	43,920	551,406	3,593,393	15,631	7,105,696	43,920
2,426	7,140,917	35,221	552,818	3,605,169	12,016	7,140,917	35,221
1,791	7,179,670	38,753	554,886	3,616,726	11,696	7,179,670	38,753
1,947	7,218,703	39,033	556,629	3,628,163	11,574	7,218,703	39,033
1,338	7,243,068	24,365	557,403	3,636,676	8,578	7,243,068	24,365
1,132	7,261,560	18,492	557,794	3,642,794	6,149	7,261,560	18,492
1,315	7,281,277	19,717	559,074	3,648,606	5,907	7,281,277	19,717
1,143	7,306,669	25,392	560,865	3,655,029	6,609	7,306,669	25,392
1,918	7,351,175	44,506	562,963	3,668,974	14,121	7,351,175	44,506
2,047	7,396,328	45,153	564,619	3,683,111	14,302	7,396,328	45,153

1,804	7,433,448	37,120	566,114	3,693,817	10,881	7,433,448	37,120
1,507	7,458,884	25,436	566,978	3,703,153	9,372	7,458,884	25,436
1,184	7,478,323	19,439	567,459	3,709,365	6,292	7,478,323	19,439
1,310	7,512,395	34,072	568,862	3,717,550	8,297	7,512,395	34,072
939	7,549,777	37,382	570,842	3,728,569	11,134	7,549,777	37,382
1,621	7,596,552	46,775	572,668	3,740,067	11,670	7,596,552	46,775
1,179	7,623,393	26,841	574,247	3,747,575	7,634	7,623,393	26,841
1,075	7,663,423	40,030	575,378	3,758,499	11,010	7,663,423	40,030
1,039	7,682,489	19,066	575,979	3,764,864	6,420	7,682,489	19,066
849	7,701,480	18,991	576,217	3,771,087	6,308	7,701,480	18,991
1,284	7,739,361	37,881	577,188	3,787,241	16,323	7,739,361	37,881
1,154	7,775,843	36,482	578,537	3,797,616	10,556	7,775,843	36,482
2,276	7,827,570	51,727	579,560	3,818,450	21,054	7,827,570	51,727
1,735	7,862,995	35,425	580,318	3,828,089	10,177	7,862,995	35,425
1,335	7,908,105	45,110	580,569	3,842,945	15,013	7,908,105	45,110

total	diff	totalTestsPeopleVirallIncrease	DIFF check.	
	27	-2	29	0
	30	0	3	0
	36	0	6	0
	49	0	13	0
	49	0	0	0
	49	0	0	0
	57	0	8	0
	68	0	11	0
	91	0	23	0
	103	0	12	0
	133	0	30	0
	133	0	0	0
	143	0	10	0
	162	0	19	0
	176	0	14	0
	219	0	43	0
	276	0	57	0
	344	0	68	0
	434	0	90	0
	574	0	140	0
	670	0	96	0
	773	0	103	0
	924	0	151	0
	8191	0	7,267	0
	8328	0	137	0
	13872	0	5,544	0
	16759	0	2,887	0
	19371	0	2,612	0
	21058	0	1,687	0
	22709	0	1,651	0
	24673	0	1,964	0
	27160	0	2,487	0
	27410	0	250	0
	32534	0	5,124	0
	33375	0	841	0
	34564	0	1,189	0
	37178	0	2,614	0
	37734	0	556	0
	40530	0	2,796	0
	42109	0	1,579	0
	43347	0	1,238	0
	44096	0	749	0
	45310	0	1,214	0
	47398	0	2,088	0
	49230	0	1,832	0
	51045	0	1,815	0
	52990	0	1,945	0
	54500	0	1,510	0

55152	0	652	0
56601	0	1,449	0
58697	0	2,096	0
60714	0	2,017	0
62508	0	1,794	0
64811	0	2,303	0
66543	0	1,732	0
67438	0	895	0
68813	0	1,375	0
71786	0	2,973	0
74879	0	3,093	0
77997	0	3,118	0
81119	0	3,122	0
85253	0	4,134	0
88260	0	3,007	0
91737	0	3,477	0
96434	0	4,697	0
101125	0	4,691	0
105810	0	4,685	0
110377	0	4,567	0
116464	0	6,087	0
122842	0	6,378	0
127750	0	4,908	0
134338	0	6,588	0
142001	0	7,663	0
146788	0	4,787	0
151761	0	4,973	0
156473	0	4,712	0
161571	0	5,098	0
165435	0	3,864	0
171627	0	6,192	0
176003	0	4,376	0
180439	0	4,436	0
183641	0	3,202	0
187782	0	4,141	0
190731	0	2,949	0
196266	0	5,535	0
202914	0	6,648	0
209813	0	6,899	0
217047	0	7,234	0
225206	0	8,159	0
228070	0	2,864	0
237833	0	9,763	0
244525	0	6,692	0
249755	0	5,230	0
263865	0	14,110	0
271646	0	7,781	0
281621	0	9,975	0
288081	0	6,460	0
293213	0	5,132	0
299687	0	6,474	0

309582	309	9,895	0
322779	1963	13,197	0
328397	312	5,618	0
338045	317	9,648	0
345257	328	7,212	0
354334	343	9,077	0
366193	347	11,859	0
379732	358	13,539	0
392216	366	12,484	0
405280	372	13,064	0
419744	372	14,464	0
429790	372	10,046	0
440518	380	10,728	0
449188	388	8,670	0
464196	396	15,008	0
479823	493	15,627	0
494747	410	14,924	0
509896	411	15,149	0
511423	414	1,527	0
532356	434	20,933	0
549596	447	17,240	0
560839	455	11,243	0
578381	462	17,542	0
589508	468	11,127	0
604362	478	14,854	0
617841	498	13,479	0
628797	522	10,956	0
641070	583	12,273	0
653061	643	11,991	0
669211	683	16,150	0
683990	697	14,779	0
696172	709	12,182	0
702426	723	6,254	0
721943	752	19,517	0
735962	778	14,019	0
749266	775	13,304	0
764968	813	15,702	0
771991	0	7,023	0
785979	0	13,988	0
793523	0	7,544	0
807666	0	14,143	0
813981	0	6,315	0
822713	0	8,732	0
836817	0	14,104	0
857609	0	20,792	0
867103	0	9,494	0
878333	0	11,230	0
890931	0	12,598	0
901429	0	10,498	0
913266	0	11,837	0
933743	0	20,477	0

948650	0	14,907	0
956428	0	7,778	0
964418	0	7,990	0
971244	0	6,826	0
985542	1210	14,298	0
995864	1239	10,322	0
1004845	1262	8,981	0
1016521	1303	11,676	0
1022563	1330	6,042	0
1028231	1343	5,668	0
1037275	1375	9,044	0
1044228	1390	6,953	0
1058178	1408	13,950	0
1067575	1429	9,397	0
1077191	1443	9,616	0
1091974	1475	14,783	0
1098388	1491	6,414	0
1103997	1504	5,609	0
1111239	1515	7,242	0
1118443	1546	7,204	0
1127988	1568	9,545	0
1144134	1577	16,146	0
1150869	1582	6,735	0
1157222	1593	6,353	0
1162204	1602	4,982	0
1166910	1615	4,706	0
1174928	1635	8,018	0
1184077	1680	9,149	0
1192376	1708	8,299	0
1199441	1713	7,065	0
1204429	1731	4,988	0
1208990	1734	4,561	0
1213927	1750	4,937	0
1222859	1770	8,932	0
1236928	1786	14,069	0
1252775	1794	15,847	0
1259018	1797	6,243	0
1263397	1807	4,379	0
1266599	1806	3,202	0
1269197	1826	2,598	0
1272734	1861	3,537	0
1279424	1881	6,690	0
1288729	1905	9,305	0
1296137	0	7,408	0
1300664	0	4,527	0
1312304	1989	11,640	0
1328461	2189	16,157	0
1352882	2766	24,421	0
1362319	4165	9,437	0
1373159	4253	10,840	0
1383924	4317	10,765	0

1390962	4335	7,038	0
1400654	4236	9,692	0
1409866	4364	9,212	0
1420417	4426	10,551	0
1428024	4421	7,607	0
1438677	4450	10,653	0
1447845	4522	9,168	0
1453252	4540	5,407	0
1458090	4562	4,838	0
1462148	4573	4,058	0
1475972	4604	13,824	0
1483180	4676	7,208	0
1492856	4711	9,676	0
1500858	4727	8,002	0
1507610	4737	6,752	0
1516207	4780	8,597	0
1523486	4792	7,279	0
1535900	4805	12,414	0
1548282	4837	12,382	0
1560907	4892	12,625	0
1571069	4904	10,162	0
1579111	4911	8,042	0
1586081	4930	6,970	0
1594245	5043	8,164	0
1606089	5056	11,844	0
1614467	5087	8,378	0
1625846	5143	11,379	0
1636210	5187	10,364	0
1645001	5216	8,791	0
1652612	5267	7,611	0
1662704	5315	10,092	0
1673903	5341	11,199	0
1686863	5394	12,960	0
1698966	5417	12,103	0
1711869	5462	12,903	0
1720285	5484	8,416	0
1730162	5515	9,877	0
1736979	5532	6,817	0
1751307	5645	14,328	0
1764784	5689	13,477	0
1777369	5816	12,585	0
1791644	5877	14,275	0
1798521	5919	6,877	0
1809271	6036	10,750	0
1818497	6171	9,226	0
1832929	6300	14,432	0
1848745	6434	15,816	0
1865425	6590	16,680	0
1879328	6668	13,903	0
1889905	6698	10,577	0
1905430	6816	15,525	0

1915235	6926	9,805	0
1930540	7034	15,305	0
1949839	7123	19,299	0
1968659	7245	18,820	0
1981831	7333	13,172	0
1995236	7455	13,405	0
2011792	7584	16,556	0
2026755	7760	14,963	0
2045295	8007	18,540	0
2072188	8299	26,893	0
2092097	8454	19,909	0
2112974	8622	20,877	0
2133623	8750	20,649	0
2148901	8860	15,278	0
2166252	9113	17,351	0
2188188	9503	21,936	0
2213289	9772	25,101	0
2227793	9909	14,504	0
2246314	9989	18,521	0
2263766	10077	17,452	0
2282215	10301	18,449	0
2298866	10662	16,651	0
2316257	11173	17,391	0
2338378	11634	22,121	0
2362052	12139	23,674	0
2383089	12590	21,037	0
2401547	12708	18,458	0
2421060	13019	19,513	0
2432832	13452	11,772	0
2451811	14102	18,979	0
2475382	14561	23,571	0
2501754	14891	26,372	0
2528147	15451	26,393	0
2547176	15954	19,029	0
2561564	16238	14,388	0
2577409	16769	15,845	0
2600940	17546	23,531	0
2623864	18072	22,924	0
2644809	18632	20,945	0
2668236	19248	23,427	0
2685721	19691	17,485	0
2700966	20118	15,245	0
2718608	20593	17,642	0
2741834	21317	23,226	0
2762894	21922	21,060	0
2786303	22567	23,409	0
2798095	22609	11,792	0
2805755	23000	7,660	0
2817798	23436	12,043	0
2836652	24186	18,854	0
2859842	25090	23,190	0

2905337	26469	45,495	0
2932486	27103	27,149	0
2950792	28025	18,306	0
2965856	28267	15,064	0
2982487	28755	16,631	0
3003578	29544	21,091	0
3020432	30620	16,854	0
3048868	31714	28,436	0
3077204	32698	28,336	0
3108717	33455	31,513	0
3131257	33848	22,540	0
3149994	34250	18,737	0
3166616	34881	16,622	0
3188785	35738	22,169	0
3210314	36409	21,529	0
3230083	36906	19,769	0
3248239	37418	18,156	0
3263168	37763	14,929	0
3275572	37996	12,404	0
3293628	38353	18,056	0
3328288	40988	34,660	0
3351226	42535	22,938	0
3372523	43328	21,297	0
3394345	44099	21,822	0
3410772	44579	16,427	0
3423934	44887	13,162	0
3440704	46062	16,770	0
3456079	46684	15,375	0
3470553	47234	14,474	0
3487842	47715	17,289	0
3505447	48131	17,605	0
3515681	48344	10,234	0
3525495	48574	9,814	0
3538244	48893	12,749	0
3553424	49544	15,180	0
3569548	49963	16,124	0
3580582	50485	11,034	0
3598902	50509	18,320	0
3603201	51100	4,299	0
3621798	52032	18,597	0
3630740	52525	8,942	0
3646371	52978	15,631	0
3658387	53218	12,016	0
3670083	53357	11,696	0
3681657	53494	11,574	0
3690235	53559	8,578	0
3696384	53590	6,149	0
3702291	53685	5,907	0
3708900	53871	6,609	0
3723021	54047	14,121	0
3737323	54212	14,302	0

3748204	54387	10,881	0
3757576	54423	9,372	0
3763868	54503	6,292	0
3772165	54615	8,297	0
3783299	54730	11,134	0
3794969	54902	11,670	0
3802603	55028	7,634	0
3813613	55114	11,010	0
3820033	55169	6,420	0
3826341	55254	6,308	0
3842664	55423	16,323	0
3853220	55604	10,556	0
3874274	55824	21,054	0
3884451	56,362	10,177	0
3899464	56519	15,013	0

SUMMARY OUTPUT

<i>Regression Statistics</i>	
Multiple R	51%
R Square	26%
Adjusted R Square	26%
Standard Error	51.12194953
Observations	369

ANOVA

	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>
Regression	1	334071.5458	334071.5458	127.827611	1.24119E-25
Residual	367	959137.5165	2613.453723		
Total	368	1293209.062			

	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>
Intercept	18.77996437	3.486723615	5.386135077	1.28868E-07	11.92350039
positiveIncrease	0.011371707	0.001005804	11.30608734	1.24119E-25	0.009393845

<i>Upper 95%</i>	<i>Lower 95,0%</i>	<i>Upper 95,0%</i>
25.63642835	11.92350039	25.63642835
0.01334957	0.009393845	0.01334957

AR
days

369

Cases	826,454	Ratio %
Average daily Cases	2,240	0.3%
Deaths Total	16,328	2.0%
Average daily Deaths	44	0.005%
Hospitalized Total	57,907	7.007%
Average of daily Hospitalizations	157	0.019%

ARIZONA	Not Fully Vaccinated
Cases	300002 (36,30 %)
Hospitalizations	18993 (32,80 %)
Deaths	5878 (36 %)

Taxes	Confirmed cases
Confirmed cases	826,454
Median age	49
Age range	0 - 100 years
Male	504,137
Female	322,317

Fully Vaccinated	Booster of Vaccination	Total
171076 (20,70 %)	355375 (43 %)	826,454
14129 (24, 40%)	24784 (42,80 %)	57,907
5241 (32,10 %)	5209 (31,90 %)	16,328

	% Death		% Hospitalized		%
	100%	16,328	100%	57,907	100%
	n/t	52	n/t	50	n/t
	n/t	0 - 100 years	n/t	0 - 100 years	n/t
	61%	4,376	27%	41,809	72%
	39%	11,952	73%	16,098	28%

deathIncreaseDAILY - y	deathIncreaseDAILY - y	date	positiveIncrease
0	0	3/4/2020	0
0	0	3/5/2020	2
0	0	3/6/2020	1
0	0	3/7/2020	2
0	0	3/8/2020	0
0	0	3/9/2020	0
0	0	3/10/2020	1
0	0	3/11/2020	3
0	0	3/12/2020	0
0	0	3/13/2020	0
0	0	3/14/2020	3
0	0	3/15/2020	0
0	0	3/16/2020	6
0	0	3/17/2020	2
0	0	3/18/2020	8
0	0	3/19/2020	16
0	0	3/20/2020	21
1	1	3/21/2020	39
1	1	3/22/2020	48
0	0	3/23/2020	113
3	3	3/24/2020	92
1	1	3/25/2020	93
2	2	3/26/2020	127
5	5	3/27/2020	159
2	2	3/28/2020	137
2	2	3/29/2020	46
3	3	3/30/2020	238
4	4	3/31/2020	132
5	5	4/1/2020	124
3	3	4/2/2020	185
9	9	4/3/2020	171
11	11	4/4/2020	250
12	12	4/5/2020	250
1	1	4/6/2020	187
8	8	4/7/2020	119
7	7	4/8/2020	151
9	9	4/9/2020	292
8	8	4/10/2020	94
11	11	4/11/2020	281
7	7	4/12/2020	146
7	7	4/13/2020	163
9	9	4/14/2020	104
11	11	4/15/2020	156
8	8	4/16/2020	272
19	19	4/17/2020	273
8	8	4/18/2020	212
7	7	4/19/2020	210
3	3	4/20/2020	135
21	21	4/21/2020	187

21	21	4/22/2020	208
20	20	4/23/2020	310
17	17	4/24/2020	276
0	0	4/25/2020	235
9	9	4/26/2020	246
0	0	4/27/2020	190
18	18	4/28/2020	232
11	11	4/29/2020	254
16	16	4/30/2020	446
10	10	5/1/2020	314
18	18	5/2/2020	402
14	14	5/3/2020	276
0	0	5/4/2020	279
33	33	5/5/2020	386
31	31	5/6/2020	402
24	24	5/7/2020	238
67	67	5/8/2020	581
15	15	5/9/2020	434
4	4	5/10/2020	159
6	6	5/11/2020	261
20	20	5/12/2020	356
32	32	5/13/2020	440
30	30	5/14/2020	498
27	27	5/15/2020	495
28	28	5/16/2020	462
1	1	5/17/2020	306
6	6	5/18/2020	233
18	18	5/19/2020	396
43	43	5/20/2020	331
16	16	5/21/2020	418
12	12	5/22/2020	293
24	24	5/23/2020	431
1	1	5/24/2020	300
6	6	5/25/2020	222
1	1	5/26/2020	222
24	24	5/27/2020	479
26	26	5/28/2020	501
28	28	5/29/2020	702
18	18	5/30/2020	790
3	3	5/31/2020	681
11	11	6/1/2020	187
24	24	6/2/2020	1,127
40	40	6/3/2020	983
15	15	6/4/2020	520
16	16	6/5/2020	1,579
30	30	6/6/2020	1,119
2	2	6/7/2020	1,438
3	3	6/8/2020	789
23	23	6/9/2020	618
25	25	6/10/2020	1,556
32	32	6/11/2020	1,412

17	17	6/12/2020	1,654
39	39	6/13/2020	1,540
3	3	6/14/2020	1,233
8	8	6/15/2020	1,014
25	25	6/16/2020	2,392
20	20	6/17/2020	1,827
32	32	6/18/2020	2,519
41	41	6/19/2020	3,246
26	26	6/20/2020	3,109
1	1	6/21/2020	2,592
3	3	6/22/2020	2,196
42	42	6/23/2020	3,593
79	79	6/24/2020	1,795
27	27	6/25/2020	3,056
45	45	6/26/2020	3,518
44	44	6/27/2020	3,503
9	9	6/28/2020	3,857
0	0	6/29/2020	625
44	44	6/30/2020	4,682
88	88	7/1/2020	4,877
37	37	7/2/2020	3,333
31	31	7/3/2020	4,433
17	17	7/4/2020	2,695
4	4	7/5/2020	3,536
1	1	7/6/2020	3,352
117	117	7/7/2020	3,653
36	36	7/8/2020	3,520
75	75	7/9/2020	4,057
44	44	7/10/2020	4,221
69	69	7/11/2020	3,038
86	86	7/12/2020	2,537
8	8	7/13/2020	1,357
92	92	7/14/2020	4,273
97	97	7/15/2020	3,257
58	58	7/16/2020	3,259
91	91	7/17/2020	3,910
147	147	7/18/2020	2,742
31	31	7/19/2020	2,359
23	23	7/20/2020	1,559
134	134	7/21/2020	3,500
56	56	7/22/2020	1,926
89	89	7/23/2020	2,335
79	79	7/24/2020	3,357
144	144	7/25/2020	3,740
19	19	7/26/2020	1,973
-1	-1	7/27/2020	1,813
104	104	7/28/2020	2,107
46	46	7/29/2020	2,339
172	172	7/30/2020	2,525
68	68	7/31/2020	3,212
53	53	8/1/2020	2,992

18	18	8/2/2020	1,465
14	14	8/3/2020	1,030
66	66	8/4/2020	1,008
87	87	8/5/2020	1,698
70	70	8/6/2020	1,444
79	79	8/7/2020	1,406
56	56	8/8/2020	1,054
13	13	8/9/2020	816
4	4	8/10/2020	600
45	45	8/11/2020	1,214
148	148	8/12/2020	706
36	36	8/13/2020	1,351
40	40	8/14/2020	927
69	69	8/15/2020	933
14	14	8/16/2020	883
0	0	8/17/2020	468
23	23	8/18/2020	915
105	105	8/19/2020	637
50	50	8/20/2020	723
4	4	8/21/2020	619
68	68	8/22/2020	996
15	15	8/23/2020	208
0	0	8/24/2020	311
21	21	8/25/2020	859
104	104	8/26/2020	186
33	33	8/27/2020	680
49	49	8/28/2020	519
29	29	8/29/2020	629
23	23	8/30/2020	374
-1	-1	8/31/2020	174
15	15	9/1/2020	507
21	21	9/2/2020	519
65	65	9/3/2020	1,092
41	41	9/4/2020	728
36	36	9/5/2020	835
14	14	9/6/2020	250
-2	-2	9/7/2020	198
2	2	9/8/2020	81
30	30	9/9/2020	496
22	22	9/10/2020	461
15	15	9/11/2020	521
27	27	9/12/2020	605
7	7	9/13/2020	384
0	0	9/14/2020	213
22	22	9/15/2020	484
27	27	9/16/2020	698
38	38	9/17/2020	1,753
42	42	9/18/2020	1,282
16	16	9/19/2020	609
9	9	9/20/2020	467
2	2	9/21/2020	233

20	20	9/22/2020	595
27	27	9/23/2020	438
34	34	9/24/2020	568
28	28	9/25/2020	515
35	35	9/26/2020	459
1	1	9/27/2020	411
0	0	9/28/2020	273
9	9	9/29/2020	674
18	18	9/30/2020	323
24	24	10/1/2020	705
19	19	10/2/2020	551
12	12	10/3/2020	636
1	1	10/4/2020	355
1	1	10/5/2020	316
6	6	10/6/2020	864
20	20	10/7/2020	604
10	10	10/8/2020	863
3	3	10/9/2020	683
13	13	#####	894
0	0	#####	597
0	0	#####	475
8	8	#####	684
5	5	#####	901
17	17	#####	1,113
17	17	#####	738
18	18	#####	921
3	3	#####	742
3	3	#####	748
7	7	#####	1,040
17	17	#####	975
5	5	#####	994
6	6	#####	976
4	4	#####	890
5	5	#####	1,391
1	1	#####	801
16	16	#####	1,158
14	14	#####	1,043
13	13	#####	1,315
16	16	#####	1,565
45	45	#####	1,901
2	2	11/1/2020	1,527
1	1	11/2/2020	666
38	38	11/3/2020	1,679
39	39	11/4/2020	815
28	28	11/5/2020	2,135
22	22	11/6/2020	1,996
38	38	11/7/2020	2,620
17	17	11/8/2020	1,880
0	0	11/9/2020	435
28	28	#####	3,434
36	36	#####	2,030

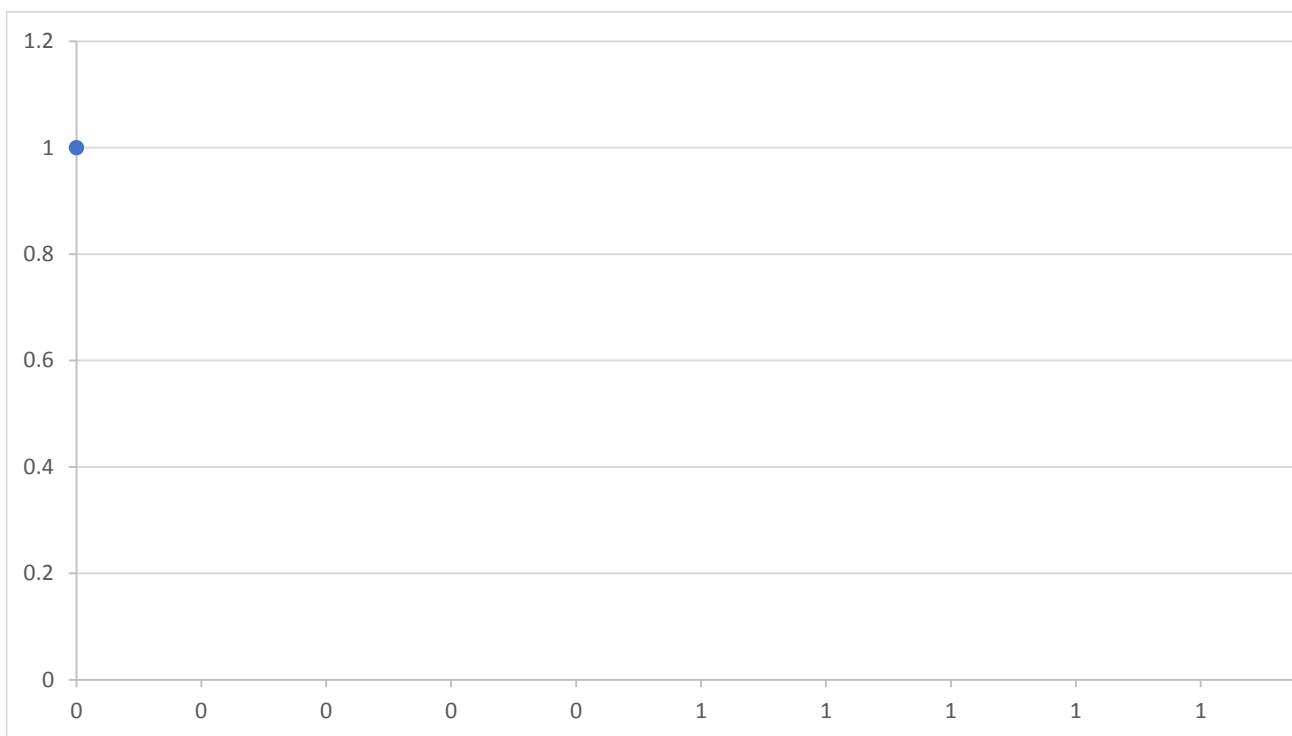
12	12	#####	1,399
17	17	#####	3,015
43	43	#####	3,476
2	2	#####	2,383
0	0	#####	1,476
10	10	#####	2,984
53	53	#####	3,206
19	19	#####	4,123
43	43	#####	4,471
30	30	#####	3,638
7	7	#####	4,331
0	0	#####	2,659
51	51	#####	4,544
9	9	#####	3,982
44	44	#####	3,476
20	20	#####	4,312
36	36	#####	4,136
10	10	#####	3,221
5	5	#####	822
48	48	12/1/2020	10,322
52	52	12/2/2020	3,840
82	82	12/3/2020	5,442
64	64	12/4/2020	5,680
40	40	12/5/2020	6,799
25	25	12/6/2020	5,376
0	0	12/7/2020	1,567
23	23	12/8/2020	12,314
108	108	12/9/2020	4,444
73	73	#####	4,928
91	91	#####	6,983
77	77	#####	8,077
35	35	#####	5,853
1	1	#####	11,806
64	64	#####	4,134
108	108	#####	4,837
147	147	#####	5,817
142	142	#####	7,635
118	118	#####	5,560
34	34	#####	5,366
1	1	#####	7,748
153	153	#####	5,870
54	54	#####	6,058
115	115	#####	7,046
115	115	#####	6,616
15	15	#####	6,106
3	3	#####	1,296
42	42	#####	10,086
171	171	#####	2,799
78	78	#####	5,267
146	146	#####	7,718
151	151	1/1/2021	10,060

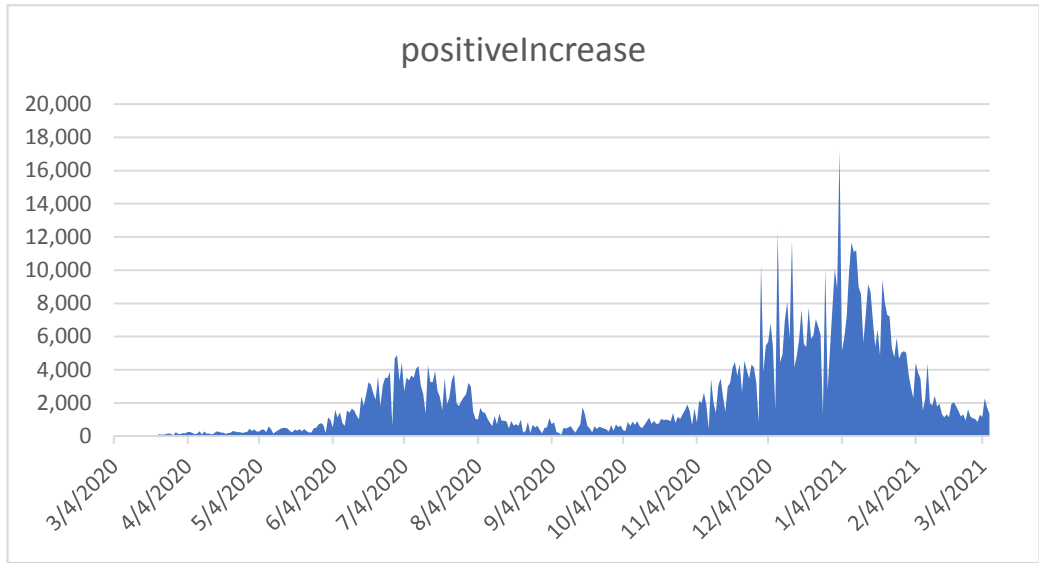
46	46	1/2/2021	8,883
0	0	1/3/2021	17,234
3	3	1/4/2021	5,158
253	253	1/5/2021	5,932
127	127	1/6/2021	7,206
297	297	1/7/2021	9,913
197	197	1/8/2021	11,658
98	98	1/9/2021	11,094
105	105	1/10/2021	11,201
6	6	1/11/2021	8,995
335	335	1/12/2021	8,559
191	191	1/13/2021	5,629
182	182	1/14/2021	7,311
185	185	1/15/2021	9,146
208	208	1/16/2021	8,715
18	18	1/17/2021	6,981
-1	-1	1/18/2021	5,400
1	1	1/19/2021	6,417
262	262	1/20/2021	4,845
244	244	1/21/2021	9,398
229	229	1/22/2021	8,099
169	169	1/23/2021	7,316
68	68	1/24/2021	7,217
1	1	1/25/2021	5,321
209	209	1/26/2021	4,748
195	195	1/27/2021	5,918
176	176	1/28/2021	4,671
203	203	1/29/2021	5,028
76	76	1/30/2021	5,119
22	22	1/31/2021	5,025
4	4	2/1/2021	3,741
238	238	2/2/2021	2,938
214	214	2/3/2021	2,296
176	176	2/4/2021	4,417
196	196	2/5/2021	3,826
63	63	2/6/2021	3,471
37	37	2/7/2021	1,544
7	7	2/8/2021	2,250
231	231	2/9/2021	4,381
176	176	2/10/2021	1,977
200	200	2/11/2021	1,861
172	172	2/12/2021	2,426
114	114	2/13/2021	1,791
30	30	2/14/2021	1,947
0	0	2/15/2021	1,338
3	3	2/16/2021	1,132
82	82	2/17/2021	1,315
213	213	2/18/2021	1,143
145	145	2/19/2021	1,918
59	59	2/20/2021	2,047
25	25	2/21/2021	1,804

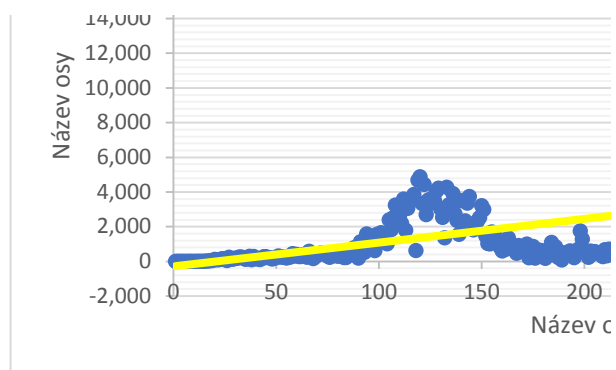
-3	-3	2/22/2021	1,507
148	148	2/23/2021	1,184
43	43	2/24/2021	1,310
121	121	2/25/2021	939
83	83	2/26/2021	1,621
70	70	2/27/2021	1,179
13	13	2/28/2021	1,075
-1	-1	3/1/2021	1,039
81	81	3/2/2021	849
29	29	3/3/2021	1,284
96	96	3/4/2021	1,154
84	84	3/5/2021	2,276
54	54	3/6/2021	1,735
5	5	3/7/2021	1,335

0

Indicator	Output
correlation	
slope	22.7167
intercept	1234.51456

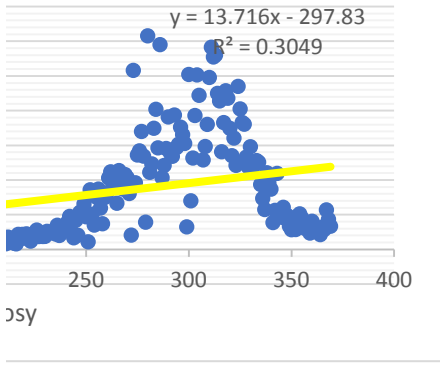






ase





date	state	death	deathIncrease DAILY	hospitalizedCurrently	inIcuCurrently
8/1/2020	CA	9,224	219	7,754	2,120
8/5/2020	CA	9,703	202	7,552	2,005
12/5/2020	CA	19,791	209	10,273	2,265
#####	CA	20,463	220	12,477	2,710
#####	CA	20,847	225	13,410	2,866
#####	CA	21,481	293	15,886	3,297
#####	CA	21,860	379	16,426	3,392
#####	CA	22,160	300	16,965	3,553
#####	CA	22,432	272	17,398	3,620
#####	CA	22,923	247	18,961	3,861
#####	CA	23,284	361	19,361	3,955
#####	CA	23,635	351	19,771	4,069
#####	CA	23,947	312	19,771	4,035
#####	CA	24,220	237	20,059	4,214
#####	CA	24,526	242	21,240	4,390
#####	CA	24,958	432	21,433	4,478
#####	CA	25,386	428	21,449	4,518
1/1/2021	CA	25,971	585	21,433	4,618
1/2/2021	CA	26,357	386	21,213	4,606
1/5/2021	CA	27,003	368	22,485	4,734
1/6/2021	CA	27,462	459	22,820	4,731
1/7/2021	CA	28,045	583	22,851	4,811
1/8/2021	CA	28,538	493	22,836	4,905
1/9/2021	CA	29,233	695	22,600	4,939
1/10/2021	CA	29,701	468	22,513	4,965
1/11/2021	CA	29,965	264	22,633	4,971
1/12/2021	CA	30,513	548	22,665	4,962
1/13/2021	CA	31,102	589	22,550	4,929
1/14/2021	CA	31,654	552	22,210	4,878
1/15/2021	CA	32,291	637	21,856	4,833
1/16/2021	CA	32,960	669	21,579	4,846
1/17/2021	CA	33,392	432	21,143	4,820
1/18/2021	CA	33,593	201	20,968	4,826
1/20/2021	CA	34,433	694	20,814	4,758
1/21/2021	CA	35,004	571	20,408	4,746
1/22/2021	CA	35,768	764	19,855	4,718
1/23/2021	CA	36,361	593	19,293	4,641
1/24/2021	CA	36,790	429	18,638	4,542
1/25/2021	CA	37,118	328	18,347	4,475
1/26/2021	CA	37,527	409	18,039	4,384
1/27/2021	CA	38,224	697	17,710	4,375
1/28/2021	CA	38,961	737	17,143	4,283
1/29/2021	CA	39,578	617	16,581	4,232
1/30/2021	CA	40,216	638	15,941	4,042

1/31/2021	CA	40,697	481	15,676	4,047
2/1/2021	CA	40,908	211	15,212	3,949
2/2/2021	CA	41,330	422	14,999	3,894
2/3/2021	CA	41,811	481	14,578	3,772
2/4/2021	CA	42,466	655	14,138	3,756
2/5/2021	CA	43,024	558	13,672	3,527
2/6/2021	CA	43,647	623	13,137	3,479
2/7/2021	CA	43,942	295	12,476	3,339
2/8/2021	CA	44,150	208	12,085	3,313
2/9/2021	CA	44,477	327	11,904	3,264
2/10/2021	CA	44,995	518	11,516	3,127
2/11/2021	CA	45,456	461	11,045	2,996
2/12/2021	CA	46,002	546	10,505	2,930
2/13/2021	CA	46,435	433	9,998	2,808
2/14/2021	CA	46,843	408	9,636	2,733
2/17/2021	CA	47,507	400	8,855	2,533
2/18/2021	CA	47,924	417	8,566	2,427
2/19/2021	CA	48,344	420	8,156	2,291
2/20/2021	CA	48,825	481	7,747	2,168
2/21/2021	CA	49,105	280	7,313	2,073
2/22/2021	CA	49,338	233	7,165	2,010
2/23/2021	CA	49,563	225	6,908	1,898
2/24/2021	CA	49,877	314	6,764	1,842
2/25/2021	CA	50,991	1,114	6,520	1,783
2/26/2021	CA	51,382	391	6,152	1,725
2/27/2021	CA	51,821	439	5,897	1,651
3/1/2021	CA	52,194	215	5,409	1,518
3/2/2021	CA	52,497	303	5,302	1,452
3/3/2021	CA	52,775	278	5,110	1,403
3/4/2021	CA	53,048	273	4,967	1,327
3/5/2021	CA	53,448	400	4,714	1,236
3/6/2021	CA	53,866	418	4,513	1,221
3/7/2021	CA	54,124	258	4,291	1,159

negative	positive TOTAL	positiveCasesViral	positiveIncrease	positiveScore
7,386,457	500,130	500,130	6,542	0
7,884,678	524,722	524,722	5,295	0
23,590,350	1,311,625	1,311,625	25,068	0
24,874,097	1,450,235	1,450,235	29,677	0
25,364,698	1,521,432	1,521,432	35,729	0
26,478,509	1,671,081	1,671,081	53,711	0
26,732,996	1,723,362	1,723,362	52,281	0
26,976,653	1,764,374	1,764,374	41,012	0
27,304,267	1,807,982	1,807,982	43,608	0
28,265,175	1,925,007	1,925,007	32,659	0
28,504,484	1,964,076	1,964,076	39,069	0
28,766,603	2,003,146	2,003,146	39,070	0
29,024,571	2,042,290	2,042,290	39,144	0
29,703,890	2,122,806	2,122,806	50,141	0
30,187,250	2,187,221	2,187,221	31,245	0
30,404,934	2,218,142	2,218,142	30,921	0
30,610,103	2,245,379	2,245,379	27,237	0
30,765,743	2,292,568	2,292,568	47,189	0
31,045,533	2,345,909	2,345,909	53,341	0
31,878,450	2,452,334	2,452,334	31,440	0
32,066,395	2,482,226	2,482,226	29,892	0
32,241,744	2,518,611	2,518,611	36,385	0
32,458,689	2,568,641	2,568,641	50,030	0
32,732,471	2,621,277	2,621,277	52,636	0
33,155,862	2,670,962	2,670,962	49,685	0
33,459,727	2,710,801	2,710,801	39,839	0
33,761,096	2,747,288	2,747,288	36,487	0
34,061,612	2,781,039	2,781,039	33,751	0
34,313,397	2,816,969	2,816,969	35,930	0
34,589,912	2,859,624	2,859,624	42,655	0
34,902,009	2,900,246	2,900,246	40,622	0
35,286,140	2,942,475	2,942,475	42,229	0
35,682,582	2,973,174	2,973,174	30,699	0
36,268,992	3,019,371	3,019,371	22,403	0
36,473,712	3,039,044	3,039,044	19,673	0
36,663,771	3,062,068	3,062,068	23,024	0
36,885,079	3,085,040	3,085,040	22,972	0
37,176,564	3,109,151	3,109,151	24,111	0
37,552,750	3,136,158	3,136,158	27,007	0
37,857,584	3,153,186	3,153,186	17,028	0
38,082,568	3,169,914	3,169,914	16,728	0
38,284,024	3,186,610	3,186,610	16,696	0
38,471,458	3,205,947	3,205,947	19,337	0
38,756,082	3,224,374	3,224,374	18,427	0

39,035,670	3,243,348	3,243,348	18,974	0
39,310,487	3,258,706	3,258,706	15,358	0
39,581,121	3,270,770	3,270,770	12,064	0
39,785,962	3,281,271	3,281,271	10,501	0
39,940,880	3,294,447	3,294,447	13,176	0
40,124,636	3,308,468	3,308,468	14,021	0
40,398,293	3,320,862	3,320,862	12,394	0
40,658,396	3,335,926	3,335,926	15,064	0
40,977,210	3,346,340	3,346,340	10,414	0
41,228,713	3,354,591	3,354,591	8,251	0
41,407,620	3,362,981	3,362,981	8,390	0
41,552,425	3,371,556	3,371,556	8,575	0
41,743,826	3,381,615	3,381,615	10,059	0
42,020,601	3,391,036	3,391,036	9,421	0
42,303,339	3,399,878	3,399,878	8,842	0
42,968,785	3,416,147	3,416,147	4,090	0
43,082,535	3,421,720	3,421,720	5,573	0
43,193,136	3,428,518	3,428,518	6,798	0
43,378,690	3,435,186	3,435,186	6,668	0
43,601,402	3,441,946	3,441,946	6,760	0
43,874,191	3,446,611	3,446,611	4,665	0
44,063,309	3,450,058	3,450,058	3,447	0
44,196,811	3,455,361	3,455,361	5,303	0
44,353,834	3,460,326	3,460,326	4,965	0
44,529,850	3,465,726	3,465,726	5,400	0
44,748,613	3,470,877	3,470,877	5,151	0
45,233,598	3,479,078	3,479,078	3,516	0
45,415,579	3,481,611	3,481,611	2,533	0
45,543,085	3,484,963	3,484,963	3,352	0
45,659,218	3,488,467	3,488,467	3,504	0
45,801,377	3,493,126	3,493,126	4,659	0
46,015,250	3,497,578	3,497,578	4,452	0
46,144,620	3,501,394	3,501,394	3,816	0

42,279,018	298,562	0
42,569,193	290,175	0
42,851,891	282,698	0
43,067,233	215,342	0
43,235,327	168,094	0
43,433,104	197,777	0
43,719,155	286,051	0
43,994,322	275,167	0
44,323,550	329,228	0
44,583,304	259,754	0
44,770,601	187,297	0
44,923,981	153,380	0
45,125,441	201,460	0
45,411,637	286,196	0
45,703,217	291,580	0
46,384,932	157,207	0
46,504,255	119,323	0
46,621,654	117,399	0
46,813,876	192,222	0
47,043,348	229,472	0
47,320,802	277,454	0
47,513,367	192,565	0
47,652,172	138,805	0
47,814,160	161,988	0
47,995,576	181,416	0
48,219,490	223,914	0
48,712,676	243,570	0
48,897,190	184,514	0
49,028,048	130,858	0
49,147,685	119,637	0
49,294,503	146,818	0
49,512,828	218,325	0
49,646,014	133,186	0

CA
days

369

Cases	3,501,394	Ratio %
Average daily Cases	9,489	0.27%
Deaths Total	54,124	1.55%
Average daily Deaths	147	0.00%
Hospitalized Total	601,245	17.17%
Average of daily Hospitalizations	1,629	0.05%

CAL	Not Fully Vaccinated
Cases	1,271 006 (36,30 %)
Hospitalizations	189 93 (33 %)
Deaths	19 484 (36 %)

Taxes	Confirmed cases
Confirmed cases	3,501,394
Median age	42
Age range	0 - 100 years
Male	1,610,641
Female	1,890,753

Fully Vaccinated	Booster of Vaccination	Total
724 788 (21 %)	1,505 599 (43 %)	3,501,394.00
141 29 (24 %)	24 784 (43 %)	57,907.00
17 373 (32 %)	17 265 (32 %)	54,124.00

%	Death	%	Hospitalized	%
100%	54,124	100%	57,907	100%
n/t	n/t	n/t	n/t	n/t
n/t	n/t	n/t	n/t	n/t
46%	35,722	66%	18,067	31.20%
54%	18,402	34%	39,840	68.80%

SUMMARY OUTPUT

<i>Regression Statistics</i>	
Multiple R	55%
R Square	30%
Adjusted R Square	30%
Standard Error	140.9129977
Observations	366

ANOVA

	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>
Regression	1	3171022.531	3171022.531	159.6971699	1.33097E-30
Residual	364	7227756.147	19856.47293		
Total	365	10398778.68			

	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>
Intercept	70.02454881	9.454951173	7.406124847	9.13385E-13	51.43136304
positiveIncrease	0.007859904	0.000621969	12.63713456	1.33097E-30	0.006636801

<i>Upper 95%</i>	<i>Lower 95,0%</i>	<i>Upper 95,0%</i>
88.61773458	51.43136304	88.61773458
0.009083007	0.006636801	0.009083007

deathIncrease DAILY	positiveIncrease
0	53
0	0
0	7
0	9
0	19
0	26
0	19
0	24
4	45
0	0
1	50
0	41
1	42
5	148
2	128
5	313
2	139
4	216
3	257
0	197
13	369
13	253
12	651
13	873
23	764
22	1,065
10	739
20	1,035
18	673
32	1,036
34	1,510
39	1,325
43	1,412
24	898
31	1,529
68	1,092
50	1,352
49	1,163
68	1,143
42	1,179
36	554
71	990
63	1,086
69	1,758
95	1,346
87	1,435
94	1,370
42	645
60	2,283
86	2,135

115	1,973
93	1,885
89	1,883
59	1,027
45	1,300
54	1,567
78	1,469
95	2,417
91	1,525
98	1,755
44	1,419
39	1,321
63	1,275
95	2,603
92	1,799
81	1,898
93	2,049
67	2,119
25	1,259
77	1,443
87	1,759
98	2,023
76	1,772
96	1,857
57	2,046
41	1,591
32	1,365
102	2,262
106	2,140
88	2,247
78	2,187
66	2,079
21	1,848
19	2,175
70	2,247
89	2,717
95	2,189
88	2,992
57	3,705
38	2,423
35	2,304
75	2,377
61	2,120
63	3,094
74	3,115
67	2,796
27	2,507
44	2,170
79	2,702
105	3,090
62	2,702

46	3,660
74	3,212
26	2,597
32	2,108
87	3,455
82	4,084
70	4,317
64	3,893
71	4,515
20	4,230
65	5,019
52	7,149
101	5,349
79	4,890
60	5,972
33	4,810
31	8,009
44	9,480
110	7,407
73	6,408
100	5,688
50	9,153
18	8,597
6	5,699
111	6,090
114	11,694
149	7,031
140	7,798
94	8,047
72	8,460
23	8,358
47	7,346
140	11,126
118	8,544
130	9,986
120	9,199
90	9,329
9	6,846
61	9,231
115	12,807
157	12,040
159	9,718
151	10,066
79	8,259
29	6,891
73	6,000
197	8,755
194	10,197
96	8,086
219	6,542
132	9,032

32	5,739
113	4,526
202	5,295
166	5,258
142	8,436
178	7,371
104	8,373
66	7,751
109	12,500
180	11,645
160	7,085
188	7,934
151	12,614
77	7,873
18	6,469
100	4,636
181	6,164
163	5,920
135	5,585
167	6,556
146	6,777
18	4,946
105	4,480
150	6,004
143	4,430
140	5,329
144	4,981
71	6,070
28	4,176
85	3,712
145	4,255
164	5,125
163	5,106
153	4,956
66	4,905
17	3,091
32	2,676
83	1,616
137	3,338
111	3,326
162	4,107
78	4,625
56	2,855
66	2,235
164	2,950
106	3,238
91	3,630
100	4,304
75	4,265
31	3,294
53	2,630

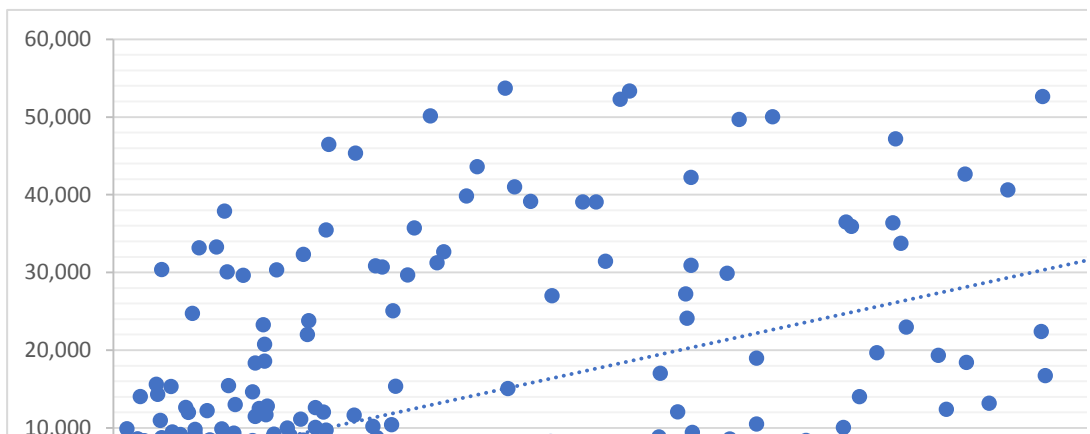
133	3,146
110	3,170
84	3,400
134	4,197
55	4,071
21	2,955
32	2,162
152	3,200
96	3,062
98	3,590
88	2,159
46	4,293
29	3,055
28	1,677
51	2,764
133	3,575
67	3,806
72	4,170
64	3,803
8	3,449
9	2,378
58	2,666
118	3,329
73	3,075
69	2,979
44	2,862
27	3,474
22	3,286
35	3,707
162	2,940
73	6,141
49	5,945
34	5,219
12	2,981
43	3,188
75	4,515
66	4,191
30	4,014
55	5,087
41	4,529
5	4,094
14	4,044
66	5,338
63	4,566
51	6,518
73	5,863
24	7,682
14	7,212
24	5,367
69	7,464
38	6,927

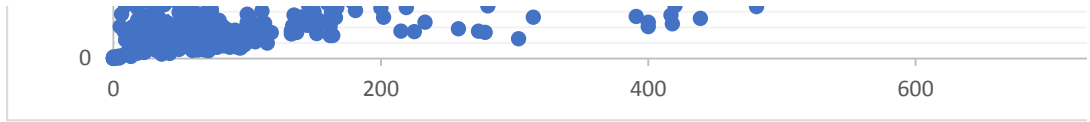
29	6,893
81	9,875
35	10,968
10	9,890
36	8,743
61	9,811
106	11,478
91	13,005
86	15,442
33	14,319
50	8,337
43	15,329
106	18,350
104	14,640
54	12,635
56	11,996
32	15,614
20	14,034
70	12,221
113	20,759
113	18,591
145	22,018
209	25,068
85	30,075
59	24,735
112	23,272
196	30,851
220	29,677
159	35,468
225	35,729
122	30,334
77	33,278
142	32,326
293	53,711
379	52,281
300	41,012
272	43,608
161	46,474
83	37,892
247	32,659
361	39,069
351	39,070
312	39,144
36	30,375
237	50,141
64	33,170
242	31,245
432	30,921
428	27,237
585	47,189
386	53,341

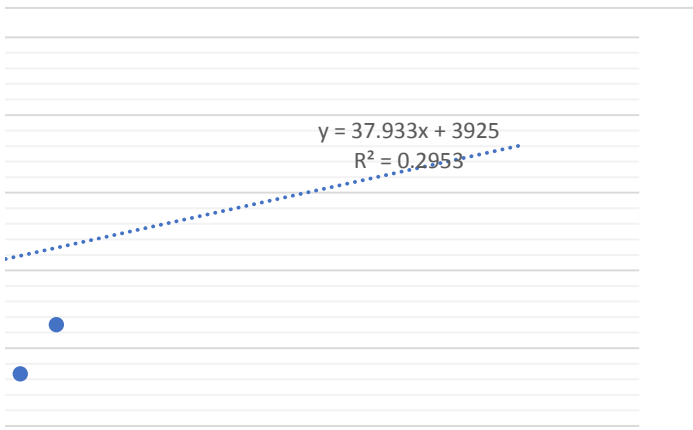
181	45,352
97	29,633
368	31,440
459	29,892
583	36,385
493	50,030
695	52,636
468	49,685
264	39,839
548	36,487
589	33,751
552	35,930
637	42,655
669	40,622
432	42,229
201	30,699
146	23,794
694	22,403
571	19,673
764	23,024
593	22,972
429	24,111
328	27,007
409	17,028
697	16,728
737	16,696
617	19,337
638	18,427
481	18,974
211	15,358
422	12,064
481	10,501
655	13,176
558	14,021
623	12,394
295	15,064
208	10,414
327	8,251
518	8,390
461	8,575
546	10,059
433	9,421
408	8,842
200	6,487
64	5,692
400	4,090
417	5,573
420	6,798
481	6,668
280	6,760
233	4,665

225	3,447
314	5,303
1,114	4,965
391	5,400
439	5,151
158	4,685
215	3,516
303	2,533
278	3,352
273	3,504
400	4,659
418	4,452
258	3,816

Indicator	Output
Correlation	0.543395695
Slope	37.93287332
Intercept	3924.973346









date	state	deathIncreasedD		hospitalizedCurrently
		deathTOTAL	AILY	
3/3/2020	TX	0	0	0
3/4/2020	TX	0	0	0
3/5/2020	TX	0	0	0
3/6/2020	TX	0	0	0
3/7/2020	TX	0	0	0
3/8/2020	TX	0	0	0
3/9/2020	TX	0	0	0
3/10/2020	TX	0	0	0
3/11/2020	TX	0	0	0
3/12/2020	TX	0	0	0
3/13/2020	TX	0	0	0
3/14/2020	TX	0	0	0
3/15/2020	TX	0	0	0
3/16/2020	TX	0	0	0
3/17/2020	TX	1	1	0
3/18/2020	TX	2	1	0
3/19/2020	TX	3	1	0
3/20/2020	TX	5	2	0
3/21/2020	TX	5	0	0
3/22/2020	TX	5	0	0
3/23/2020	TX	8	3	0
3/24/2020	TX	9	1	0
3/25/2020	TX	12	3	0
3/26/2020	TX	18	6	0
3/27/2020	TX	23	5	0
3/28/2020	TX	27	4	0
3/29/2020	TX	34	7	0
3/30/2020	TX	34	0	0
3/31/2020	TX	41	7	196
4/1/2020	TX	58	17	196
4/2/2020	TX	70	12	196
4/3/2020	TX	90	20	196
4/4/2020	TX	105	15	196
4/5/2020	TX	127	22	827
4/6/2020	TX	140	13	1,153
4/7/2020	TX	154	14	1,252
4/8/2020	TX	177	23	1,491
4/9/2020	TX	199	22	1,439
4/10/2020	TX	226	27	1,532
4/11/2020	TX	254	28	1,514
4/12/2020	TX	271	17	1,338
4/13/2020	TX	287	16	1,176
4/14/2020	TX	318	31	1,409
4/15/2020	TX	364	46	1,538
4/16/2020	TX	393	29	1,459
4/17/2020	TX	428	35	1,522

4/18/2020 TX	453	25	1,321
4/19/2020 TX	477	24	1,471
4/20/2020 TX	495	18	1,411
4/21/2020 TX	517	22	1,419
4/22/2020 TX	543	26	1,678
4/23/2020 TX	561	18	1,649
4/24/2020 TX	593	32	1,674
4/25/2020 TX	623	30	1,597
4/26/2020 TX	648	25	1,542
4/27/2020 TX	663	15	1,563
4/28/2020 TX	690	27	1,682
4/29/2020 TX	732	42	1,702
4/30/2020 TX	782	50	1,686
5/1/2020 TX	816	34	1,778
5/2/2020 TX	847	31	1,725
5/3/2020 TX	867	20	1,540
5/4/2020 TX	884	17	1,533
5/5/2020 TX	906	22	1,888
5/6/2020 TX	948	42	1,812
5/7/2020 TX	973	25	1,750
5/8/2020 TX	1,004	31	1,734
5/9/2020 TX	1,049	45	1,735
5/10/2020 TX	1,088	39	1,626
5/11/2020 TX	1,100	12	1,525
5/12/2020 TX	1,133	33	1,725
5/13/2020 TX	1,158	25	1,676
5/14/2020 TX	1,216	58	1,648
5/15/2020 TX	1,272	56	1,716
5/16/2020 TX	1,305	33	1,791
5/17/2020 TX	1,336	31	1,512
5/18/2020 TX	1,347	11	1,551
5/19/2020 TX	1,369	22	1,732
5/20/2020 TX	1,419	50	1,791
5/21/2020 TX	1,440	21	1,680
5/22/2020 TX	1,480	40	1,578
5/23/2020 TX	1,506	26	1,688
5/24/2020 TX	1,506	0	1,572
5/25/2020 TX	1,527	21	1,511
5/26/2020 TX	1,536	9	1,534
5/27/2020 TX	1,562	26	1,645
5/28/2020 TX	1,601	39	1,692
5/29/2020 TX	1,626	25	1,701
5/30/2020 TX	1,626	0	1,752
5/31/2020 TX	1,672	46	1,684
6/1/2020 TX	1,678	6	1,756
6/2/2020 TX	1,698	20	1,773
6/3/2020 TX	1,734	36	1,487
6/4/2020 TX	1,767	33	1,796
6/5/2020 TX	1,788	21	1,855
6/6/2020 TX	1,819	31	1,822

6/7/2020 TX	1,830	11		1,878
6/8/2020 TX	1,830	0		1,935
6/9/2020 TX	1,853	23		2,056
6/10/2020 TX	1,885	32		2,153
6/11/2020 TX	1,920	35		2,008
6/12/2020 TX	1,939	19		2,166
6/13/2020 TX	1,957	18		2,242
6/14/2020 TX	1,976	19		2,287
6/15/2020 TX	1,983	7		2,326
6/16/2020 TX	2,029	46		2,518
6/17/2020 TX	2,062	33		2,793
6/18/2020 TX	2,105	43		2,947
6/19/2020 TX	2,140	35		3,148
6/20/2020 TX	2,165	25		3,247
6/21/2020 TX	2,182	17		3,409
6/22/2020 TX	2,192	10		3,711
6/23/2020 TX	2,220	28		4,092
6/24/2020 TX	2,249	29		4,389
6/25/2020 TX	2,296	47		4,739
6/26/2020 TX	2,324	28		5,102
6/27/2020 TX	2,366	42		5,523
6/28/2020 TX	2,393	27		5,497
6/29/2020 TX	2,403	10		5,913
6/30/2020 TX	2,424	21		6,533
7/1/2020 TX	2,481	57		6,904
7/2/2020 TX	2,525	44		7,382
7/3/2020 TX	2,575	50		7,652
7/4/2020 TX	2,608	33		7,890
7/5/2020 TX	2,637	29		8,181
7/6/2020 TX	2,655	18		8,698
7/7/2020 TX	2,715	60		9,286
7/8/2020 TX	2,813	98		9,610
7/9/2020 TX	2,918	105		9,689
7/10/2020 TX	3,013	95		10,002
7/11/2020 TX	3,112	99		10,083
7/12/2020 TX	3,192	80		10,410
7/13/2020 TX	3,235	43		10,405
7/14/2020 TX	3,322	87		10,569
7/15/2020 TX	3,432	110		10,471
7/16/2020 TX	3,561	129		10,457
7/17/2020 TX	3,735	174		10,632
7/18/2020 TX	3,865	130		10,658
7/19/2020 TX	3,958	93		10,592
7/20/2020 TX	4,020	62		10,569
7/21/2020 TX	4,151	131		10,848
7/22/2020 TX	4,348	197		10,893
7/23/2020 TX	4,521	173		10,893
7/24/2020 TX	4,717	196		10,893
7/25/2020 TX	4,885	168		10,893
7/26/2020 TX	5,038	153		10,893

7/27/2020 TX	5,713	675	10,893
7/28/2020 TX	5,877	164	9,593
7/29/2020 TX	6,190	313	9,595
7/30/2020 TX	6,274	84	9,296
7/31/2020 TX	6,569	295	9,336
8/1/2020 TX	6,837	268	8,969
8/2/2020 TX	6,837	0	8,969
8/3/2020 TX	7,016	179	8,819
8/4/2020 TX	7,261	245	8,674
8/5/2020 TX	7,497	236	8,455
8/6/2020 TX	7,803	306	8,302
8/7/2020 TX	8,096	293	8,065
8/8/2020 TX	8,343	247	7,872
8/9/2020 TX	8,459	116	7,437
8/10/2020 TX	8,490	31	7,304
8/11/2020 TX	8,710	220	7,216
8/12/2020 TX	9,034	324	7,028
8/13/2020 TX	9,289	255	6,879
8/14/2020 TX	9,602	313	6,632
8/15/2020 TX	9,840	238	6,481
8/16/2020 TX	9,983	143	6,267
8/17/2020 TX	10,034	51	6,200
8/18/2020 TX	10,250	216	6,210
8/19/2020 TX	10,559	309	5,974
8/20/2020 TX	10,793	234	5,635
8/21/2020 TX	11,051	258	5,566
8/22/2020 TX	11,266	215	5,274
8/23/2020 TX	11,370	104	5,186
8/24/2020 TX	11,395	25	5,019
8/25/2020 TX	11,576	181	4,907
8/26/2020 TX	11,805	229	4,806
8/27/2020 TX	12,070	265	4,489
8/28/2020 TX	12,266	196	4,422
8/29/2020 TX	12,420	154	4,273
8/30/2020 TX	12,510	90	4,172
8/31/2020 TX	12,536	26	4,203
9/1/2020 TX	12,681	145	4,144
9/2/2020 TX	12,870	189	4,149
9/3/2020 TX	13,091	221	4,075
9/4/2020 TX	13,231	140	3,889
9/5/2020 TX	13,408	177	3,973
9/6/2020 TX	13,472	64	3,715
9/7/2020 TX	13,492	20	3,537
9/8/2020 TX	13,553	61	3,701
9/9/2020 TX	13,692	139	3,604
9/10/2020 TX	13,853	161	3,575
9/11/2020 TX	13,997	144	3,465
9/12/2020 TX	14,143	146	3,371
9/13/2020 TX	14,190	47	3,319
9/14/2020 TX	14,211	21	3,391

9/15/2020 TX	14,343	132		3,311
9/16/2020 TX	14,478	135		3,249
9/17/2020 TX	14,590	112		3,246
9/18/2020 TX	14,713	123		3,172
9/19/2020 TX	14,848	135		3,124
9/20/2020 TX	14,893	45		3,081
9/21/2020 TX	14,917	24		3,132
9/22/2020 TX	14,994	77		3,207
9/23/2020 TX	15,129	135		3,195
9/24/2020 TX	15,267	138		3,204
9/25/2020 TX	15,364	97		3,221
9/26/2020 TX	15,485	121		3,209
9/27/2020 TX	15,522	37		3,217
9/28/2020 TX	15,533	11		3,201
9/29/2020 TX	15,604	71		3,251
9/30/2020 TX	15,711	107		3,344
10/1/2020 TX	15,823	112		3,190
10/2/2020 TX	15,895	72		3,227
10/3/2020 TX	15,992	97		3,195
10/4/2020 TX	16,025	33		3,192
10/5/2020 TX	16,033	8		3,318
10/6/2020 TX	16,111	78		3,394
10/7/2020 TX	16,230	119		3,519
10/8/2020 TX	16,334	104		3,556
10/9/2020 TX	16,432	98		3,593
10/10/2020 TX	16,526	94		3,628
10/11/2020 TX	16,557	31		3,622
10/12/2020 TX	16,558	1		3,870
10/13/2020 TX	16,622	64		4,053
10/14/2020 TX	16,717	95		4,131
10/15/2020 TX	16,812	95		4,263
10/16/2020 TX	16,903	91		4,248
10/17/2020 TX	16,984	81		4,275
10/18/2020 TX	17,014	30		4,226
10/19/2020 TX	17,022	8		4,319
10/20/2020 TX	17,087	65		4,588
10/21/2020 TX	17,201	114		4,782
10/22/2020 TX	17,286	85		4,931
10/23/2020 TX	17,375	89		5,065
10/24/2020 TX	17,456	81		4,995
10/25/2020 TX	17,504	48		5,206
10/26/2020 TX	17,514	10		5,278
10/27/2020 TX	17,595	81		5,512
10/28/2020 TX	17,700	105		5,650
10/29/2020 TX	17,819	119		5,587
10/30/2020 TX	17,934	115		5,627
10/31/2020 TX	18,024	90		5,696
11/1/2020 TX	18,077	53		5,691
11/2/2020 TX	18,097	20		5,770
11/3/2020 TX	18,194	97		5,936

11/4/2020 TX	18,320	126		5,872
11/5/2020 TX	18,453	133		5,954
11/6/2020 TX	18,589	136		6,070
11/7/2020 TX	18,700	111		6,068
11/8/2020 TX	18,743	43		6,080
11/9/2020 TX	18,769	26		6,103
11/10/2020 TX	18,863	94		6,170
11/11/2020 TX	19,004	141		6,779
11/12/2020 TX	19,147	143		6,925
11/13/2020 TX	19,320	173		7,083
11/14/2020 TX	19,470	150		7,151
11/15/2020 TX	19,559	89		7,274
11/16/2020 TX	19,579	20		7,468
11/17/2020 TX	19,696	117		7,841
11/18/2020 TX	19,883	187		7,958
11/19/2020 TX	20,113	230	positive	7,982
11/20/2020 TX	20,296	183	tests	8,164
11/21/2020 TX	20,467	171	increased	8,245
11/22/2020 TX	20,556	89	by day and	8,174
11/23/2020 TX	20,588	32	dead	8,353
11/24/2020 TX	20,750	162	people	8,495
11/25/2020 TX	20,950	200		8,585
11/26/2020 TX	21,156	206		8,706
11/27/2020 TX	21,207	51		8,518
11/28/2020 TX	21,309	102		8,597
11/29/2020 TX	21,357	48		8,634
11/30/2020 TX	21,379	22		8,900
12/1/2020 TX	21,549	170		9,047
12/2/2020 TX	21,756	207		9,109
12/3/2020 TX	22,000	244		9,151
12/4/2020 TX	22,255	255		9,015
12/5/2020 TX	22,502	247		8,916
12/6/2020 TX	22,594	92		8,681
12/7/2020 TX	22,627	33		8,790
12/8/2020 TX	22,808	181		9,028
12/9/2020 TX	23,081	273		9,053
12/10/2020 TX	23,325	244		9,045
12/11/2020 TX	23,551	226		9,109
12/12/2020 TX	23,800	249		9,192
12/13/2020 TX	23,911	111		9,230
12/14/2020 TX	23,937	26		9,304
12/15/2020 TX	24,142	205		9,472
12/16/2020 TX	24,394	252		9,528
12/17/2020 TX	24,660	266		9,628
12/18/2020 TX	24,954	294		9,709
12/19/2020 TX	25,226	272		9,796
12/20/2020 TX	25,348	122		9,856
12/21/2020 TX	25,415	67		10,009
12/22/2020 TX	25,606	191		10,299
12/23/2020 TX	25,900	294		10,574

12/24/2020 TX	26,208	308		10,724
12/25/2020 TX	26,408	200		10,868
12/26/2020 TX	26,421	13		10,773
12/27/2020 TX	26,472	51		10,886
12/28/2020 TX	26,521	49		11,351
12/29/2020 TX	26,762	241		11,775
12/30/2020 TX	27,088	326		11,992
12/31/2020 TX	27,437	349		12,268
1/1/2021 TX	27,771	334		12,481
1/2/2021 TX	27,867	96		12,319
1/3/2021 TX	27,917	50		12,563
1/4/2021 TX	27,969	52		12,961
1/5/2021 TX	28,219	250		13,308
1/6/2021 TX	28,545	326		13,628
1/7/2021 TX	28,938	393		13,784
1/8/2021 TX	29,310	372		13,921
1/9/2021 TX	29,691	381		13,935
1/10/2021 TX	29,877	186		13,111
1/11/2021 TX	29,933	56		13,397
1/12/2021 TX	30,219	286		14,218
1/13/2021 TX	30,624	405		14,106
1/14/2021 TX	31,050	426	correlation	14,052
1/15/2021 TX	31,450	400	analysis of	13,953
1/16/2021 TX	31,831	381	hospitalize	13,929
1/17/2021 TX	32,038	207	d and	13,728
1/18/2021 TX	32,084	46	death,	13,858
1/19/2021 TX	32,394	310	HYPOTHES	13,928
1/20/2021 TX	32,844	450	IS TESTING	13,870
1/21/2021 TX	33,285	441		13,564
1/22/2021 TX	33,707	422		13,344
1/23/2021 TX	34,114	407		13,309
1/24/2021 TX	34,322	208		12,899
1/25/2021 TX	34,394	72		12,785
1/26/2021 TX	34,701	307		12,851
1/27/2021 TX	35,168	467		12,795
1/28/2021 TX	35,639	471		12,380
1/29/2021 TX	35,988	349		11,981
1/30/2021 TX	36,320	332		11,473
1/31/2021 TX	36,491	171		11,220
2/1/2021 TX	36,539	48		11,074
2/2/2021 TX	36,870	331		11,002
2/3/2021 TX	37,288	418		10,827
2/4/2021 TX	37,727	439		10,523
2/5/2021 TX	38,128	401		10,259
2/6/2021 TX	38,476	348		9,957
2/7/2021 TX	38,643	167		9,652
2/8/2021 TX	38,700	57		9,401
2/9/2021 TX	39,001	301		9,401
2/10/2021 TX	39,386	385		9,165
2/11/2021 TX	39,771	385		8,933

2/12/2021 TX	40,095	324		8,607
2/13/2021 TX	40,378	283		8,395
2/14/2021 TX	40,527	149		8,107
2/15/2021 TX	40,593	66		7,824
2/16/2021 TX	40,645	52		7,661
2/17/2021 TX	40,717	72		7,609
2/18/2021 TX	40,814	97		7,874
2/19/2021 TX	40,986	172		7,757
2/20/2021 TX	41,213	227		7,535
2/21/2021 TX	41,343	130		7,146
2/22/2021 TX	41,407	64		6,964
2/23/2021 TX	41,641	234		7,014
2/24/2021 TX	41,980	339		6,738
2/25/2021 TX	42,285	305		6,724
2/26/2021 TX	42,575	290		6,185
2/27/2021 TX	42,739	164		5,912
2/28/2021 TX	42,936	197		5,696
3/1/2021 TX	42,995	59		5,611
3/2/2021 TX	43,266	271		5,644
3/3/2021 TX	43,563	297		5,508
3/4/2021 TX	43,878	315		5,263
3/5/2021 TX	44,134	256		5,065
3/6/2021 TX	44,367	233		4,921
3/7/2021 TX	44,445	78		4,721

inIcuCurrently	positive	positiveCasesViral	positiveInc rease	positiveTestsAntibo dy	positiveTests Antigen	
	0		0		0	0
	0	0	0		0	0
	0	0	0		0	0
	5	5	5		0	0
	5	5	0		0	0
	5	5	0		0	0
	12	12	7		0	0
	15	15	3		0	0
	18	18	3		0	0
	22	22	4		0	0
	22	22	0		0	0
	22	22	0		0	0
	56	56	34		0	0
	56	56	0		0	0
	63	63	7		0	0
	82	82	19		0	0
	108	108	26		0	0
	175	175	67		0	0
	235	235	60		0	0
	263	263	28		0	0
	287	287	24		0	0
	712	712	425		0	0
	975	975	263		0	0
	1,394	1,394	419		0	0
	1,731	1,731	337		0	0
	2,048	2,048	317		0	0
	2,552	2,552	504		0	0
	2,874	2,874	322		0	0
	3,266	3,266	392		0	0
	3,996	3,996	730		0	0
	4,665	4,665	669		0	0
	5,324	5,324	659		0	0
	6,112	6,112	788		0	0
	6,793	6,793	681		0	0
	7,273	7,273	480		0	0
	8,261	8,261	988		0	0
	9,353	9,353	1,092		0	0
	10,230	10,230	877		0	0
	11,671	11,671	1,441		0	0
563	12,561	12,561	890		0	0
591	13,484	13,484	923		0	0
594	13,906	13,906	422		0	0
688	14,624	14,624	718		0	0
663	15,492	15,492	868		0	0
694	16,455	16,455	963		0	0
583	17,371	17,371	916		0	0

624	18,260	18,260	889	0	0
620	18,923	18,923	663	0	0
636	19,458	19,458	535	0	0
691	20,196	20,196	738	0	0
689	21,069	21,069	873	0	0
670	21,944	21,944	875	0	0
651	22,806	22,806	862	0	0
645	23,773	23,773	967	0	0
660	24,631	24,631	858	0	0
684	25,297	25,297	666	0	0
718	26,171	26,171	874	0	0
704	27,054	27,054	883	0	0
736	28,087	28,087	1,033	0	0
711	29,229	29,229	1,142	0	0
624	30,522	30,522	1,293	0	0
619	31,548	31,548	1,026	0	0
689	32,332	32,332	784	0	0
726	33,369	33,369	1,037	0	0
716	34,422	34,422	1,053	0	0
697	35,390	35,390	968	0	0
674	36,609	36,609	1,219	0	0
661	37,860	37,860	1,251	0	0
610	38,869	38,869	1,009	0	0
699	39,869	39,869	1,000	0	0
674	41,048	41,048	1,179	0	0
673	42,403	42,403	1,355	0	0
683	43,851	43,851	1,448	0	0
687	45,198	45,198	1,347	0	0
604	46,999	46,999	1,801	0	0
618	47,784	47,784	785	0	0
675	48,693	48,693	909	0	0
694	49,912	49,912	1,219	0	0
690	51,323	51,323	1,411	0	0
665	52,268	52,268	945	2,114	0
666	53,449	53,449	1,181	2,463	0
643	54,509	54,509	1,060	2,463	0
657	55,348	55,348	839	2,866	0
647	55,971	55,971	623	3,163	0
671	56,560	56,560	589	3,294	1
694	57,921	57,921	1,361	3,406	3
747	59,776	59,776	1,855	3,445	5
753	61,006	61,006	1,230	3,782	5
731	62,338	62,338	1,332	3,882	8
748	64,287	64,287	1,949	4,044	12
762	64,880	64,880	593	4,080	12
748	66,568	66,568	1,688	4,258	18
730	68,271	68,271	1,703	4,395	33
742	69,920	69,920	1,649	4,500	34
737	71,613	71,613	1,693	4,549	37
763	73,553	73,553	1,940	4,659	43

743	74,978	74,978	1,425	4,767	47
784	75,616	75,616	638	4,767	47
857	77,253	77,253	1,637	5,710	50
809	79,757	79,757	2,504	5,812	71
810	81,583	81,583	1,826	5,906	90
828	83,680	83,680	2,097	5,925	117
817	86,011	86,011	2,331	5,963	148
861	87,854	87,854	1,843	6,062	187
895	89,108	89,108	1,254	6,135	219
964	93,206	93,206	4,098	6,189	270
1,010	96,335	96,335	3,129	6,258	316
1,088	99,851	99,851	3,516	6,258	401
1,113	103,305	103,305	3,454	6,262	493
1,143	107,735	107,735	4,430	6,431	623
1,220	111,601	111,601	3,866	6,493	739
1,325	114,881	114,881	3,280	6,527	866
1,399	120,370	120,370	5,489	6,606	1,003
1,460	125,921	125,921	5,551	6,770	1,175
1,586	131,917	131,917	5,996	6,823	1,337
1,727	137,624	137,624	5,707	6,871	1,542
1,684	143,366	143,366	5,742	6,918	1,709
1,828	148,723	148,723	5,357	6,940	1,872
1,894	153,011	153,011	4,288	6,973	2,000
1,993	159,986	159,986	6,975	7,116	2,219
2,155	168,062	168,062	8,076	7,234	2,488
2,231	175,977	175,977	7,915	7,243	2,712
2,338	183,532	183,532	7,555	7,255	2,930
2,449	191,790	191,790	8,258	7,274	3,100
2,517	195,239	195,239	3,449	7,307	3,213
2,658	200,557	200,557	5,318	7,368	3,352
2,730	210,585	210,585	10,028	7,408	3,657
2,878	220,564	220,564	9,979	7,437	3,952
2,923	230,346	230,346	9,782	7,466	4,263
2,913	240,111	240,111	9,765	7,480	4,564
2,995	250,462	250,462	10,351	7,485	4,886
3,053	258,658	258,658	8,196	7,521	5,098
3,144	264,313	264,313	5,655	7,542	5,285
3,104	271,574	271,574	7,261	7,646	5,682
3,169	282,365	282,365	10,791	7,652	6,011
3,216	292,656	292,656	10,291	7,806	6,295
3,263	307,572	307,572	14,916	7,811	6,600
3,412	317,730	317,730	10,158	7,819	6,886
3,197	325,030	325,030	7,300	7,752	7,019
3,281	332,434	332,434	7,404	7,976	7,114
3,329	341,739	341,739	9,305	8,562	7,378
3,160	351,618	351,618	9,879	8,737	7,612
3,228	361,125	361,125	9,507	10,394	7,873
3,180	369,826	369,826	8,701	10,565	8,098
3,209	375,846	375,846	6,020	10,595	8,286
3,352	381,656	381,656	5,810	10,751	8,384

3,136	385,923	385,923	4,267	10,921	8,474
3,087	394,265	394,265	8,342	11,227	8,721
3,036	403,307	403,307	9,042	11,227	8,922
3,117	412,107	412,107	8,800	11,430	9,125
3,115	420,946	420,946	8,839	11,712	9,307
3,014	430,485	430,485	9,539	11,812	9,462
3,045	436,711	436,711	6,226	11,812	9,563
3,045	442,014	442,014	5,303	12,054	9,653
3,006	451,181	451,181	9,167	13,478	9,824
2,917	459,887	459,887	8,706	14,535	9,955
2,917	467,485	467,485	7,598	15,364	10,048
2,742	474,524	474,524	7,039	15,364	10,150
2,730	481,483	481,483	6,959	16,924	10,237
2,608	486,362	486,362	4,879	18,561	10,294
2,552	490,817	490,817	4,455	18,924	10,351
2,495	500,620	500,620	9,803	19,800	10,472
2,479	506,820	506,820	6,200	20,241	10,589
2,435	513,575	513,575	6,755	20,800	10,700
2,380	520,593	520,593	7,018	22,100	10,792
2,306	528,838	528,838	8,245	23,192	10,863
2,269	535,042	535,042	6,204	23,192	10,915
2,240	542,950	542,950	7,908	23,797	10,973
2,179	550,232	550,232	7,282	24,732	11,113
2,107	557,256	557,256	7,024	25,995	11,208
1,979	562,559	562,559	5,303	26,337	11,309
1,979	567,580	567,580	5,021	26,824	11,394
1,963	573,139	573,139	5,559	27,414	11,487
1,878	577,537	577,537	4,398	27,726	11,553
1,809	580,384	580,384	2,847	27,726	11,635
1,799	586,730	586,730	6,346	28,100	11,785
1,723	592,137	592,137	5,407	28,439	11,958
1,704	597,737	597,737	5,600	28,870	12,111
1,636	601,768	601,768	4,031	29,287	12,226
1,648	606,530	606,530	4,762	29,635	12,353
1,566	610,354	610,354	3,824	29,723	12,438
1,525	612,969	612,969	2,615	30,025	12,533
1,525	617,333	617,333	4,364	30,159	12,805
1,476	621,667	621,667	4,334	30,213	13,122
1,433	625,347	625,347	3,680	30,524	13,425
1,433	630,829	630,829	5,482	30,982	13,661
1,409	635,315	635,315	4,486	31,521	13,861
1,409	638,310	638,310	2,995	31,773	13,966
1,322	640,370	640,370	2,060	32,006	14,072
1,322	641,791	641,791	1,421	32,328	14,186
1,347	645,791	645,791	4,000	32,352	14,404
1,267	649,809	649,809	4,018	32,735	14,525
1,198	653,356	653,356	3,547	33,010	14,641
1,174	657,589	657,589	4,233	33,571	14,752
1,140	659,434	659,434	1,845	34,286	14,801
1,165	663,404	663,404	3,970	33,050	14,852

1,151	668,746	668,746	5,342	33,086	14,992
1,139	674,772	674,772	6,026	33,463	15,103
1,140	678,819	678,819	4,047	33,718	15,218
1,107	682,241	682,241	3,422	34,084	15,466
1,083	686,068	686,068	3,827	34,415	15,658
1,057	688,534	688,534	2,466	34,639	15,813
1,073	698,387	698,387	9,853	34,843	15,935
1,065	716,207	716,207	17,820	35,026	16,231
1,041	719,599	719,599	3,392	35,217	16,495
1,051	723,919	723,919	4,320	35,421	16,771
1,051	728,552	728,552	4,633	35,656	17,005
1,056	733,438	733,438	4,886	35,847	17,229
1,056	735,132	735,132	1,694	35,953	17,332
1,056	739,222	739,222	4,090	36,905	17,473
1,044	743,284	743,284	4,062	36,957	17,806
1,076	748,967	748,967	5,683	37,113	18,094
1,075	752,501	752,501	3,534	37,224	18,358
1,091	756,004	756,004	3,503	37,538	18,633
1,101	763,010	763,010	7,006	37,871	18,866
1,071	765,894	765,894	2,884	38,164	19,048
1,107	769,303	769,303	3,409	38,354	19,234
1,080	773,435	773,435	4,132	38,448	19,665
1,052	777,556	777,556	4,121	38,678	20,019
1,098	781,794	781,794	4,238	39,230	20,366
1,138	785,830	785,830	4,036	39,452	20,779
1,137	790,060	790,060	4,230	39,953	21,136
1,142	792,478	792,478	2,418	40,234	21,391
1,196	795,126	795,126	2,648	40,449	21,673
1,237	800,256	800,256	5,130	40,544	22,215
1,237	805,082	805,082	4,826	40,963	22,707
1,290	809,808	809,808	4,726	41,396	23,217
1,290	815,678	815,678	5,870	41,811	23,677
1,348	820,563	820,563	4,885	42,170	24,170
1,340	823,779	823,779	3,216	42,428	24,447
1,349	825,673	825,673	1,894	42,646	24,713
1,349	833,557	833,557	7,884	42,991	25,532
1,424	838,809	838,809	5,252	43,253	26,165
1,454	845,100	845,100	6,291	43,576	26,863
1,511	851,572	851,572	6,472	43,966	27,563
1,513	858,071	858,071	6,499	44,466	28,179
1,550	862,375	862,375	4,304	44,745	28,548
1,545	867,075	867,075	4,700	44,950	28,917
1,601	874,367	874,367	7,292	45,215	29,591
1,636	879,994	879,994	5,627	45,489	30,193
1,599	886,820	886,820	6,826	46,323	30,780
1,606	893,451	893,451	6,631	46,737	31,586
1,631	900,596	900,596	7,145	47,137	32,269
1,631	972,330	904,855	71,734	47,829	32,759
1,692	977,785	910,038	5,455	48,164	33,203
1,734	988,450	918,336	10,665	48,506	34,271

1,744	998,267	926,400	9,817	49,145	35,184
1,749	1,008,438	934,994	10,171	49,570	36,170
1,785	1,017,677	942,539	9,239	49,570	37,196
1,759	1,027,237	950,549	9,560	50,556	38,269
1,786	1,034,115	956,234	6,878	50,934	38,943
1,816	1,038,964	963,019	4,849	51,213	39,598
1,828	1,051,899	973,970	12,935	51,519	41,134
1,879	1,065,065	985,380	13,166	51,717	42,308
1,879	1,075,654	993,841	10,589	51,772	43,455
1,959	1,089,078	1,004,983	13,424	52,329	44,453
1,976	1,100,479	1,014,160	11,401	52,886	45,359
2,047	1,108,402	1,020,721	7,923	53,738	45,833
2,047	1,116,230	1,027,889	7,828	53,738	46,385
2,127	1,129,874	1,039,511	13,644	54,046	47,658
2,127	1,140,861	1,048,383	10,987	54,291	48,664
2,154	1,155,130	1,060,686	14,269	54,717	49,558
2,214	1,168,925	1,072,698	13,795	55,555	50,463
2,195	1,183,847	1,085,524	14,922	56,537	51,349
2,215	1,193,616	1,094,275	9,769	57,040	51,881
2,299	1,201,257	1,100,979	7,641	57,713	52,412
2,331	1,217,837	1,115,371	16,580	57,944	53,643
2,356	1,236,648	1,130,980	18,811	58,350	54,860
2,444	1,251,345	1,143,616	14,697	59,031	56,160
2,449	1,255,332	1,147,045	3,987	59,679	56,447
2,427	1,259,657	1,151,069	4,325	60,487	57,538
2,487	1,266,707	1,157,273	7,050	60,759	58,415
2,536	1,278,432	1,168,111	11,725	60,825	59,228
2,583	1,296,972	1,184,250	18,540	61,129	60,962
2,544	1,316,194	1,200,674	19,222	61,488	62,388
2,623	1,333,746	1,215,113	17,552	62,140	63,709
2,645	1,350,542	1,228,812	16,796	62,869	65,042
2,663	1,364,933	1,240,750	14,391	63,669	66,269
2,592	1,375,313	1,249,323	10,380	64,340	67,018
2,631	1,384,804	1,258,214	9,491	64,835	67,828
2,646	1,404,646	1,272,496	19,842	65,063	69,554
2,647	1,418,252	1,283,674	13,606	65,542	70,766
2,644	1,433,551	1,296,132	15,299	66,200	71,236
2,604	1,448,002	1,307,878	14,451	66,200	71,365
2,642	1,464,362	1,321,578	16,360	67,899	71,381
2,644	1,472,711	1,328,213	8,349	68,353	73,141
2,679	1,481,612	1,337,096	8,901	69,478	74,573
2,725	1,500,538	1,352,489	18,926	69,839	76,600
2,742	1,519,340	1,367,965	18,802	70,308	77,243
2,771	1,539,189	1,371,223	19,849	71,064	79,073
2,739	1,555,981	1,384,476	16,792	72,492	80,939
2,747	1,573,888	1,398,281	17,907	72,863	81,071
2,777	1,581,668	1,404,675	7,780	74,228	81,884
2,767	1,591,948	1,413,684	10,280	75,226	84,341
2,767	1,613,095	1,431,416	21,147	75,566	86,471
2,874	1,636,458	1,451,256	23,363	75,952	87,150

2,865	1,653,522	1,464,556	17,064	76,711	89,067
2,856	1,657,857	1,467,898	4,335	77,870	90,155
2,856	1,660,551	1,470,154	2,694	79,756	93,216
2,856	1,668,597	1,476,674	8,046	80,953	94,036
2,969	1,683,426	1,490,479	14,829	81,251	94,801
3,012	1,715,978	1,518,499	32,552	81,689	96,754
3,012	1,737,447	1,536,265	21,469	82,876	97,753
3,107	1,756,172	1,551,250	18,725	89,396	100,267
3,124	1,772,483	1,563,758	16,311	90,397	102,780
3,072	1,777,246	1,568,034	4,763	91,676	103,675
3,184	1,793,341	1,582,615	16,095	92,091	103,982
3,317	1,811,523	1,598,713	18,182	92,554	108,130
3,356	1,843,153	1,626,568	31,630	93,053	110,302
3,477	1,867,163	1,646,382	24,010	93,511	112,156
3,502	1,891,741	1,666,487	24,578	98,318	114,160
3,521	1,915,261	1,684,271	23,520	99,392	114,910
3,521	1,938,551	1,703,634	23,290	100,438	118,061
3,478	1,954,406	1,716,824	15,855	100,971	120,797
3,424	1,969,240	1,730,312	14,834	102,405	123,161
3,619	1,995,292	1,753,059	26,052	103,243	126,267
3,662	2,022,635	1,775,619	27,343	104,043	127,818
3,662	2,045,699	1,794,545	23,064	104,726	130,380
3,663	2,072,903	1,816,535	27,204	106,216	132,681
3,656	2,097,560	1,837,552	24,657	107,306	134,233
3,605	2,113,962	1,853,521	16,402	109,520	138,579
3,619	2,125,552	1,864,249	11,590	111,158	139,552
3,619	2,135,028	1,872,614	9,476	111,308	141,632
3,686	2,166,283	1,898,549	31,255	112,159	142,817
3,609	2,188,643	1,917,513	22,360	113,423	144,841
3,536	2,211,289	1,935,747	22,646	114,880	147,469
3,475	2,228,961	1,949,885	17,672	115,099	148,796
3,384	2,240,526	1,960,061	11,565	117,189	149,509
3,352	2,246,845	1,965,585	6,319	117,468	154,475
3,348	2,273,119	1,988,063	26,274	119,004	156,909
3,439	2,292,732	2,003,135	19,613	119,521	159,262
3,343	2,310,952	2,018,127	18,220	120,539	161,156
3,255	2,330,028	2,033,353	19,076	121,557	162,812
3,183	2,349,262	2,049,055	19,234	122,686	164,416
3,195	2,360,632	2,059,143	11,370	123,868	166,320
3,111	2,392,443	2,087,170	31,811	124,863	167,830
3,073	2,415,490	2,106,729	23,047	126,251	169,937
3,014	2,433,110	2,120,299	17,620	126,983	171,709
3,014	2,448,391	2,132,593	15,281	128,401	172,200
2,931	2,462,886	2,143,353	14,495	132,409	174,443
2,885	2,476,783	2,154,678	13,897	133,307	175,629
2,843	2,483,742	2,160,098	6,959	133,447	177,045
2,667	2,491,227	2,166,919	7,485	135,101	177,559
2,777	2,504,556	2,177,572	13,329	135,461	179,936
2,740	2,517,453	2,187,850	12,897	136,762	181,535
2,703	2,529,343	2,196,882	11,890	137,659	182,973

2,582	2,541,845	2,206,982	12,502	139,080	184,313
2,543	2,553,127	2,215,885	11,282	139,990	186,571
2,473	2,560,060	2,221,955	6,933	141,470	188,051
2,428	2,563,949	2,225,399	3,889	141,470	188,051
2,397	2,567,297	2,229,008	3,348	141,470	188,051
2,324	2,571,063	2,231,717	3,766	141,470	188,051
2,459	2,574,194	2,234,506	3,131	141,470	188,051
2,367	2,577,131	2,236,776	2,937	143,340	190,800
2,321	2,583,617	2,241,808	6,486	143,484	192,203
2,268	2,588,101	2,245,634	4,484	143,699	192,327
2,114	2,594,466	2,251,388	6,365	143,841	192,845
2,085	2,606,275	2,259,407	11,809	144,328	194,246
2,063	2,613,792	2,264,763	7,517	144,994	195,226
2,061	2,621,181	2,269,871	7,389	148,914	196,451
1,839	2,629,136	2,275,506	7,955	150,153	197,877
1,813	2,640,209	2,284,059	11,073	151,216	198,869
1,740	2,644,024	2,287,135	3,815	152,353	199,343
1,747	2,647,845	2,292,097	3,821	153,078	199,506
1,728	2,655,592	2,297,878	7,747	153,487	205,481
1,713	2,663,414	2,304,081	7,822	154,259	206,875
1,599	2,671,442	2,309,124	8,028	155,146	208,427
1,530	2,678,295	2,314,187	6,853	156,198	210,359
1,503	2,683,865	2,318,522	5,570	157,037	211,546
1,463	2,686,818	2,320,857	2,953	159,003	211,014

positiveTestsViral	recovered	totalTestResults	totalTestResults Increase	totalTestsAntibody	totalTestsAntigen
1		6	6		
7		20	14		
124		950	930		
200		2,236	1,286		
201		2,260	24		
202		2,268	8		
203		2,286	18		
209		2,336	50		
215		2,471	135		
239		2,776	305		
265		3,431	655		
302		4,391	960		
361		4,921	530		
430		5,496	575		
631		8,102	2,606		
867		11,401	3,299		
1,174		15,457	4,056		
1,581		20,422	4,965		
1,934		25,105	4,683		
2,233		27,243	2,138		
2,507		29,079	1,836		
3,226		35,156	6,077		
3,990		41,875	6,719		
4,726		48,646	6,771		
5,586		55,851	7,205		
6,498		64,146	8,295		
6,974		67,988	3,842		
7,387	38	70,793	2,805		
8,249	38	78,220	7,427		
9,091	38	86,329	8,109		
10,054	38	95,304	8,975		
11,059	38	104,371	9,067		
12,043	38	113,941	9,570		
12,693	38	118,866	4,925		
13,274	38	125,568	6,702		
14,319	38	135,703	10,135		
15,378	38	146,477	10,774		
16,406	1,101	156,125	9,648		
17,430	1,366	166,141	10,016		
18,484	1,617	176,457	10,316		
18,974	2,014	180,831	4,374		
19,242	2,269	183,014	2,183		
20,454	2,580	192,401	9,387		
21,409	3,150	202,274	9,873		
22,402	3,677	214,016	11,742		
23,484	4,190	226,663	12,647		

24,534	4,806	239,516	12,853		
25,049	5,334	245,830	6,314		
25,388	5,706	249,192	3,362		
26,963	6,486	262,959	13,767		
28,133	7,341	275,792	12,833		
29,283	8,025	288,061	12,269		
30,597	9,156	302,820	14,759		
32,051	9,986	318,562	15,742		
32,716	10,763	326,513	7,951		
33,166	11,170	332,148	5,635		
34,662	11,786	349,729	17,581		
36,080	12,507	367,121	17,392		
37,630	13,353	387,009	19,888		
39,084	14,122	407,048	20,039		
40,528	14,891	427,179	20,131		
41,313	15,544	438,039	10,860		
41,855	16,090	444,795	6,756		
43,683	16,791	468,734	23,939		
45,165	17,622	491,208	22,474		
46,699	18,440	513,636	22,428		
48,434	19,197	536,990	23,354		
49,966	20,141	560,009	23,019		
50,981	21,022	572,676	12,667		
51,389	21,713	578,783	6,107		
53,175	22,674	603,496	24,713		
54,739	23,519	629,248	25,752	30,655	
56,494	24,487	656,475	27,227	35,971	
58,262	25,454	681,647	25,172	36,362	
60,063	26,601	708,369	26,722	39,732	
60,946	27,570	722,431	14,062	42,921	
61,814	28,371	734,211	11,780	43,168	
64,658	29,359	771,154	36,943	44,791	
66,586	30,341	804,997	33,843	49,313	
68,369	30,341	838,363	33,366	60,252	
70,288	31,223	873,595	35,232	49,313	
72,543	32,277	918,459	44,864	60,252	
73,832	33,385	940,920	22,461	71,731	
75,779	35,292	965,813	24,893	80,700	
76,789	36,375	981,906	16,093	84,841	29
79,538	37,626	1,022,953	41,047	87,565	62
81,893	38,905	1,061,939	38,986	88,643	89
83,984	40,068	1,096,624	34,685	96,719	115
86,154	40,068	1,136,471	39,847	98,932	154
87,508	42,423	1,156,118	19,647	102,928	168
88,332	43,338	1,172,029	15,911	103,460	185
90,855	44,517	1,206,312	34,283	107,452	227
93,695	45,858	1,249,149	42,837	110,506	293
95,954	46,799	1,287,471	38,322	112,313	329
98,909	47,865	1,330,184	42,713	113,372	366
100,738	48,895	1,357,322	27,138	115,910	394

101,818	49,758	1,372,555	15,233	118,509	425
102,617	49,758	1,382,554	9,999	118,509	453
104,940	51,140	1,412,482	29,928	138,784	502
108,133	52,449	1,447,439	34,957	140,962	618
112,525	54,096	1,488,341	40,902	142,573	758
117,638	55,258	1,530,984	42,643	143,174	963
122,603	56,535	1,571,691	40,707	144,050	1,205
126,327	58,341	1,595,656	23,965	146,967	1,391
128,779	59,089	1,610,578	14,922	149,090	1,544
135,057	60,681	1,654,220	43,642	150,573	1,757
142,013	62,368	1,706,863	52,643	152,796	1,971
149,615	63,812	1,756,875	50,012	152,796	2,475
156,829	65,329	1,801,837	44,962	153,011	3,116
165,047	67,096	1,852,185	50,348	159,453	3,869
170,508	68,499	1,882,895	30,710	163,944	4,481
173,856	69,190	1,899,887	16,992	166,168	5,043
182,161	70,714	1,947,172	47,285	170,411	5,811
193,924	72,898	2,010,862	63,690	175,384	6,722
207,327	74,496	2,083,756	72,894	176,697	7,673
221,863	76,282	2,161,616	77,860	177,863	8,490
237,339	78,248	2,247,759	86,143	180,835	9,321
247,586	79,974	2,296,734	48,975	184,398	9,872
254,258	81,335	2,327,280	30,546	187,535	10,346
272,296	84,818	2,418,365	91,085	192,657	11,113
290,850	87,556	2,513,377	95,012	197,088	12,058
307,806	90,720	2,598,480	85,103	198,745	13,013
324,612	93,572	2,684,650	86,170	199,041	14,053
337,299	97,430	2,745,477	60,827	201,782	14,754
342,235	100,843	2,766,598	21,121	204,641	15,223
349,745	103,782	2,799,179	32,581	207,980	15,791
367,848	108,485	2,884,022	84,843	210,574	16,999
385,981	113,284	2,976,307	92,285	212,321	18,430
404,239	118,326	3,070,305	93,998	213,728	20,047
420,961	122,996	3,161,709	91,404	214,114	21,750
436,458	127,880	3,248,286	86,577	214,872	23,537
445,560	132,638	3,296,431	48,145	217,536	24,416
451,588	136,419	3,327,849	31,418	217,734	25,258
468,089	142,398	3,415,107	87,258	222,123	27,410
484,441	149,276	3,508,722	93,615	222,342	29,393
498,756	155,937	3,593,014	84,292	224,433	31,233
512,180	162,191	3,669,825	76,811	224,781	33,004
523,803	169,581	3,736,854	67,029	224,935	34,835
530,494	172,936	3,774,010	37,156	221,259	35,788
534,477	177,871	3,795,340	21,330	223,303	36,603
546,991	186,529	3,863,650	68,310	226,323	38,804
557,438	195,315	3,927,752	64,102	227,696	40,778
567,204	203,826	3,989,546	61,794	232,021	42,653
577,854	212,216	4,055,305	65,759	233,139	44,448
587,592	221,510	4,116,404	61,099	233,410	46,285
591,218	229,107	4,139,018	22,614	234,534	47,065

593,896	229,107	4,154,831	15,813	235,797	47,788
603,167	244,449	4,214,784	59,953	237,895	49,956
611,266	251,346	4,269,383	54,599	237,895	51,819
619,790	260,542	4,325,751	56,368	239,566	53,809
627,128	273,191	4,378,842	53,091	241,518	55,473
634,076	282,604	4,425,640	46,798	242,251	57,141
637,015	282,604	4,445,763	20,123	242,251	57,988
639,157	297,422	4,461,346	15,583	243,777	58,821
645,987	306,262	4,515,345	53,999	258,494	60,672
651,967	315,652	4,565,570	50,225	268,978	62,531
656,891	323,804	4,606,787	41,217	276,849	64,236
661,709	331,668	4,645,676	38,889	276,849	65,737
666,361	338,343	4,682,867	37,191	280,434	67,137
669,182	344,845	4,704,040	21,173	288,928	67,839
671,019	349,833	4,718,470	14,430	290,944	68,552
676,264	358,312	4,760,548	42,078	295,617	70,363
681,048	367,354	4,803,143	42,595	299,037	71,941
685,342	375,760	4,842,489	39,346	302,012	73,513
689,851	383,717	4,883,660	41,171	312,727	74,905
694,472	393,266	4,925,854	42,194	318,938	76,263
696,878	399,572	4,947,557	21,703	318,940	76,956
698,502	405,817	4,963,879	16,322	322,433	77,664
703,631	415,903	5,013,293	49,414	326,216	79,761
707,914	424,685	5,060,586	47,293	333,355	81,646
712,183	431,960	5,106,486	45,900	335,184	83,528
716,756	438,825	5,155,070	48,584	338,016	85,045
720,818	446,030	5,199,087	44,017	342,277	86,627
722,613	451,776	5,217,075	17,988	344,218	87,509
724,009	457,182	5,231,745	14,670	344,218	88,467
728,523	466,550	5,278,928	47,183	346,519	90,830
732,329	472,421	5,326,031	47,103	348,384	93,184
736,142	478,752	5,369,221	43,190	351,564	95,481
739,427	484,880	5,404,139	34,918	353,966	97,302
743,372	492,921	5,445,212	41,073	356,229	99,677
745,270	499,518	5,465,555	20,343	356,857	100,665
746,464	507,499	5,478,370	12,815	358,718	101,788
750,396	514,861	5,524,215	45,845	359,593	105,095
753,665	522,087	5,566,467	42,252	360,236	109,490
756,793	527,359	5,607,366	40,899	361,848	112,940
759,864	532,223	5,649,576	42,210	365,953	115,942
762,978	538,282	5,689,731	40,155	368,062	120,161
764,864	543,412	5,710,148	20,417	369,645	121,316
766,091	543,412	5,723,646	13,498	371,102	122,333
767,049	553,409	5,736,581	12,935	374,045	123,384
769,672	558,894	5,779,029	42,448	374,319	128,145
772,078	564,114	5,814,780	35,751	377,901	130,917
774,410	568,067	5,851,006	36,226	380,352	134,226
776,717	573,670	5,887,121	36,115	383,596	136,704
777,965	577,832	5,902,098	14,977	390,318	137,241
778,772	581,204	5,911,809	9,711	373,406	137,788

781,588	585,912	5,951,192	39,383	373,766	142,179
784,178	590,837	5,992,779	41,587	377,019	144,928
786,836	594,817	6,036,115	43,336	378,541	148,112
790,132	600,662	6,090,191	54,076	381,430	153,189
793,400	605,522	6,141,184	50,993	383,876	156,824
795,308	609,210	6,163,931	22,747	385,351	158,451
796,468	611,856	6,178,723	14,792	386,966	160,038
799,937	613,896	6,234,103	55,380	389,207	167,276
802,918	618,054	6,287,192	53,089	390,538	173,861
806,276	642,169	6,341,954	54,762	391,678	178,767
809,734	646,143	6,397,755	55,801	394,584	186,922
813,007	649,580	6,446,270	48,515	399,337	191,112
814,979	652,376	6,470,128	23,858	400,882	192,591
816,290	657,407	6,486,587	16,459	411,266	194,502
820,161	661,038	6,544,585	57,998	411,712	202,842
823,305	664,883	6,598,829	54,244	412,969	209,959
826,741	668,515	6,648,792	49,963	413,627	214,223
830,093	672,144	6,699,098	50,306	415,228	221,296
833,768	677,244	6,755,155	56,057	417,575	225,667
836,145	680,083	6,782,763	27,608	419,197	227,559
838,058	683,700	6,802,887	20,124	420,372	229,474
843,046	687,277	6,872,748	69,861	421,087	238,557
847,282	692,123	6,941,652	68,904	422,880	246,334
852,037	695,194	7,010,194	68,542	427,731	252,857
856,947	698,481	7,075,406	65,212	429,145	260,712
861,853	701,583	7,136,901	61,495	432,509	266,444
865,350	703,662	7,170,740	33,839	434,254	268,770
867,785	705,189	7,191,773	21,033	435,831	271,104
874,204	708,349	7,266,042	74,269	436,479	279,869
879,936	711,438	7,342,121	76,079	440,413	288,410
886,489	716,015	7,412,503	70,382	444,135	295,383
892,654	719,478	7,480,885	68,382	447,010	302,744
898,621	723,204	7,546,873	65,988	449,341	308,431
902,376	726,231	7,579,232	32,359	450,891	310,816
905,339	729,762	7,603,161	23,929	452,388	313,129
913,649	733,758	7,687,050	83,889	455,327	323,967
920,980	739,140	7,769,909	82,859	457,228	333,932
929,657	744,283	7,851,327	81,418	459,439	342,539
937,845	748,252	7,930,083	78,756	462,309	351,741
944,643	753,611	7,999,540	69,457	465,309	358,918
949,518	755,095	8,036,693	37,153	466,962	362,005
953,479	758,192	8,063,288	26,595	468,501	365,010
962,580	763,108	8,150,614	87,326	470,883	375,346
970,102	767,905	8,237,976	87,362	473,079	384,461
978,542	772,350	8,318,780	80,804	476,253	392,149
987,286	776,580	8,400,469	81,689	480,444	402,315
995,996	782,006	8,479,525	79,056	481,608	410,844
1,001,616	785,282	8,517,903	38,378	487,423	414,144
1,005,389	787,685	8,544,966	27,063	490,032	417,575
1,016,443	792,286	8,642,256	97,290	491,876	429,996

1,027,079	797,586	8,738,595	96,339	497,255	441,588
1,038,293	802,611	8,832,378	93,783	500,132	450,761
1,050,102	807,008	8,927,838	95,460	500,132	462,799
1,061,549	811,330	9,018,901	91,063	506,808	474,486
1,069,577	820,215	9,070,609	51,708	509,011	479,209
1,075,300	820,156	9,105,265	34,656	511,176	483,220
1,090,190	826,116	9,221,116	115,851	513,192	499,322
1,103,208	831,800	9,331,358	110,242	514,912	512,685
1,115,259	838,950	9,428,176	96,818	515,698	523,543
1,126,150	850,648	9,522,382	94,206	519,740	536,610
1,138,098	861,205	9,619,110	96,728	523,180	546,645
1,146,144	871,784	9,674,671	55,561	528,417	549,925
1,152,103	875,521	9,713,014	38,343	528,417	553,433
1,166,390	883,223	9,830,508	117,494	530,418	571,848
1,179,363	889,099	9,946,885	116,377	532,113	585,973
1,192,594	896,191	10,063,998	117,113	535,321	597,184
1,206,044	901,943	10,183,075	119,077	539,765	613,980
1,219,414	909,137	10,304,388	121,313	545,643	625,778
1,228,284	913,796	10,379,931	75,543	548,439	630,204
1,235,153	917,739	10,435,105	55,174	552,103	634,477
1,250,838	927,331	10,582,812	147,707	553,956	654,298
1,264,769	935,011	10,713,546	130,734	556,284	670,565
1,278,643	943,457	10,828,247	114,701	560,010	687,314
1,280,439	946,663	10,840,889	12,642	563,123	689,889
1,291,811	950,586	10,912,638	71,749	569,242	701,538
1,301,267	954,465	10,965,870	53,232	570,888	706,818
1,309,102	962,639	11,010,874	45,004	571,451	712,553
1,327,560	976,517	11,145,908	135,034	573,566	738,089
1,343,301	993,151	11,267,531	121,623	575,536	756,314
1,358,324	1,003,141	11,383,907	116,376	578,670	771,879
1,372,627	1,012,700	11,497,555	113,648	583,553	791,698
1,386,252	1,022,297	11,607,013	109,458	587,512	807,829
1,395,225	1,030,716	11,664,799	57,786	590,964	813,338
1,401,774	1,038,806	11,704,609	39,810	593,787	818,716
1,416,631	1,050,416	11,821,902	117,293	595,246	843,177
1,426,497	1,062,398	11,903,307	81,405	598,405	857,323
1,430,071	1,074,579	11,939,315	36,008	601,686	862,971
1,430,675	1,157,334	11,945,998	6,683	606,668	863,863
1,430,692	1,167,975	11,946,323	325	611,326	863,974
1,440,979	1,176,377	12,029,012	82,689	613,854	888,741
1,459,163	1,185,628	12,163,943	134,931	619,088	906,429
1,476,519	1,203,398	12,283,212	119,269	621,818	922,161
1,489,316	1,216,415	12,360,309	77,097	624,341	934,936
1,500,558	1,216,415	12,444,012	83,703	627,702	957,887
1,513,343	1,245,339	12,532,344	88,332	639,270	977,880
1,518,230	1,260,984	12,569,510	37,166	640,527	979,007
1,534,139	1,269,014	12,680,767	111,257	646,470	983,430
1,555,157	1,279,067	12,825,700	144,933	651,053	1,007,059
1,573,424	1,297,294	12,948,343	122,643	653,540	1,040,594
1,584,829	1,311,851	13,021,855	73,512	655,566	1,050,963

1,603,396	1,326,975	13,136,700	114,845	658,985	1,070,160
1,620,425	1,332,913	13,250,571	113,871	664,120	1,086,179
1,639,161	1,339,447	13,367,338	116,767	672,553	1,114,467
1,653,830	1,346,963	13,456,336	88,998	679,419	1,122,377
1,665,082	1,357,576	13,516,243	59,907	680,733	1,129,749
1,680,061	1,387,358	13,591,767	75,524	683,203	1,144,302
1,694,131	1,402,336	13,661,613	69,846	701,794	1,157,852
1,709,376	1,423,001	13,742,979	81,366	781,869	1,174,394
1,729,239	1,435,164	13,848,790	105,811	785,916	1,198,101
1,759,509	1,443,061	14,005,637	156,847	791,133	1,207,649
1,770,143	1,451,846	14,053,710	48,073	792,757	1,210,365
1,799,060	1,464,746	14,189,167	135,457	795,422	1,241,302
1,820,127	1,488,189	14,289,877	100,710	798,283	1,257,275
1,835,626	1,504,643	14,370,153	80,276	801,027	1,267,667
1,851,122	1,522,105	14,445,909	75,756	826,923	1,293,168
1,866,444	1,536,690	14,532,743	86,834	831,020	1,297,609
1,892,758	1,549,210	14,653,811	121,068	836,194	1,326,296
1,918,146	1,558,945	14,791,044	137,233	838,680	1,345,957
1,948,046	1,568,710	14,939,305	148,261	843,839	1,365,082
1,965,279	1,595,600	15,031,531	92,226	847,195	1,394,289
1,991,275	1,612,188	15,179,088	147,557	850,565	1,404,149
2,013,598	1,630,778	15,304,459	125,371	853,435	1,427,906
2,037,868	1,649,735	15,443,899	139,440	858,535	1,443,336
2,060,159	1,666,745	15,584,254	140,355	862,717	1,459,365
2,082,241	1,677,588	15,718,021	133,767	872,211	1,504,491
2,109,723	1,697,272	15,877,679	159,658	877,677	1,511,420
2,117,321	1,711,009	15,935,036	57,357	878,299	1,537,217
2,143,645	1,739,136	16,076,028	140,992	881,456	1,545,919
2,163,363	1,763,247	16,202,370	126,342	885,758	1,560,260
2,182,159	1,785,578	16,321,080	118,710	890,509	1,582,586
2,195,266	1,797,979	16,405,627	84,547	891,438	1,594,480
2,217,409	1,809,067	16,561,140	155,513	897,815	1,599,086
2,227,866	1,818,785	16,629,666	68,526	898,817	1,652,273
2,245,329	1,845,210	16,738,158	108,492	903,308	1,687,621
2,262,490	1,867,289	16,837,794	99,636	905,351	1,705,585
2,281,713	1,894,564	16,949,139	111,345	908,175	1,735,794
2,299,772	1,912,861	17,073,934	124,795	911,376	1,749,834
2,328,705	1,932,694	17,263,046	189,112	914,683	1,778,369
2,347,904	1,947,493	17,399,120	136,074	918,035	1,803,806
2,362,669	1,974,572	17,504,358	105,238	924,087	1,819,443
2,377,723	1,993,704	17,605,821	101,463	931,104	1,849,176
2,390,223	2,015,866	17,694,874	89,053	933,639	1,868,992
2,409,593	2,037,888	17,846,886	152,012	937,452	1,880,415
2,418,530	2,060,478	17,922,915	76,029	959,934	1,926,967
2,430,693	2,080,185	18,034,823	111,908	963,296	1,955,420
2,435,800	2,091,113	18,072,290	37,467	964,000	1,980,915
2,453,191	2,104,894	18,220,770	148,480	969,047	1,993,396
2,463,920	2,125,302	18,301,672	80,902	970,422	2,030,649
2,479,268	2,168,762	18,414,867	113,195	974,278	2,063,225
2,489,681	2,184,719	18,506,265	91,398	977,294	2,083,584

2,500,055	2,204,146	18,605,754	99,489	981,011	2,127,545
2,510,207	2,220,233	18,700,767	95,013	983,897	2,168,000
2,521,479	2,231,709	18,810,731	109,964	987,853	2,200,714
2,521,479	2,260,840	18,839,187	28,456	987,853	2,200,714
2,521,479	2,257,030	18,869,687	30,500	987,853	2,200,714
2,521,479	2,268,067	19,032,701	163,014	987,853	2,200,714
2,521,479	2,279,684	19,127,831	95,130	987,853	2,200,714
2,560,644	2,289,773	19,219,446	91,615	992,781	2,245,228
2,568,426	2,312,445	19,284,447	65,001	994,702	2,300,546
2,558,042	2,318,193	19,322,466	38,019	995,393	2,303,319
2,562,136	2,331,940	19,355,732	33,266	996,125	2,320,201
2,568,513	2,353,741	19,398,896	43,164	997,580	2,341,176
2,576,255	2,368,008	19,460,536	61,640	1,000,019	2,358,865
2,581,928	2,380,295	19,514,528	53,992	1,005,419	2,373,470
2,588,505	2,393,568	19,583,128	68,600	1,008,485	2,420,865
2,594,731	2,417,585	19,645,298	62,170	1,011,849	2,451,395
2,600,487	2,422,369	19,714,297	68,999	1,014,806	2,477,824
2,604,373	2,429,453	19,751,826	37,529	1,016,619	2,481,635
2,608,239	2,441,822	19,799,673	47,847	1,018,098	2,543,010
2,613,982	2,450,229	19,864,270	64,597	1,020,452	2,564,354
2,618,057	2,458,818	19,920,792	56,522	1,022,798	2,606,279
2,622,199	2,470,308	19,976,667	55,875	1,025,537	2,624,414
2,622,781	2,491,753	19,987,959	11,292	1,025,375	2,630,435
2,628,176	2,502,609	20,064,005	76,046	1,033,285	2,664,340

	totalTestsVirallIncrea	
totalTestsViral	se	negative tests
6	6	5
20	14	13
950	930	826
2,236	1,286	2,036
2,260	24	2,059
2,268	8	2,066
2,286	18	2,083
2,336	50	2,127
2,471	135	2,256
2,776	305	2,537
3,431	655	3,166
4,391	960	4,089
4,921	530	4,560
5,496	575	5,066
8,102	2,606	7,471
11,401	3,299	10,534
15,457	4,056	14,283
20,422	4,965	18,841
25,105	4,683	23,171
27,243	2,138	25,010
29,079	1,836	26,572
35,156	6,077	31,930
41,875	6,719	37,885
48,646	6,771	43,920
55,851	7,205	50,265
64,146	8,295	57,648
67,988	3,842	61,014
70,793	2,805	63,406
78,220	7,427	69,971
86,329	8,109	77,238
95,304	8,975	85,250
104,371	9,067	93,312
113,941	9,570	101,898
118,866	4,925	106,173
125,568	6,702	112,294
135,703	10,135	121,384
146,477	10,774	131,099
156,125	9,648	139,719
166,141	10,016	148,711
176,457	10,316	157,973
180,831	4,374	161,857
183,014	2,183	163,772
192,401	9,387	171,947
202,274	9,873	180,865
214,016	11,742	191,614
226,663	12,647	203,179

239,516	12,853	214,982
245,830	6,314	220,781
249,192	3,362	223,804
262,959	13,767	235,996
275,792	12,833	247,659
288,061	12,269	258,778
302,820	14,759	272,223
318,562	15,742	286,511
326,513	7,951	293,797
332,148	5,635	298,982
349,729	17,581	315,067
367,121	17,392	331,041
387,009	19,888	349,379
407,048	20,039	367,964
427,179	20,131	386,651
438,039	10,860	396,726
444,795	6,756	402,940
468,734	23,939	425,051
491,208	22,474	446,043
513,636	22,428	466,937
536,990	23,354	488,556
560,009	23,019	510,043
572,676	12,667	521,695
578,783	6,107	527,394
603,496	24,713	550,321
629,248	25,752	574,509
656,475	27,227	599,981
681,647	25,172	623,385
708,369	26,722	648,306
722,431	14,062	661,485
734,211	11,780	672,397
771,154	36,943	706,496
804,997	33,843	738,411
838,363	33,366	769,994
873,595	35,232	803,307
918,459	44,864	845,916
940,920	22,461	867,088
965,813	24,893	890,034
981,906	16,093	905,117
1,022,953	41,047	943,415
1,061,939	38,986	980,046
1,096,624	34,685	1,012,640
1,136,471	39,847	1,050,317
1,156,118	19,647	1,068,610
1,172,029	15,911	1,083,697
1,206,312	34,283	1,115,457
1,249,149	42,837	1,155,454
1,287,471	38,322	1,191,517
1,330,184	42,713	1,231,275
1,357,322	27,138	1,256,584

1,372,555	15,233	1,270,737
1,382,554	9,999	1,279,937
1,412,482	29,928	1,307,542
1,447,439	34,957	1,339,306
1,488,341	40,902	1,375,816
1,530,984	42,643	1,413,346
1,571,691	40,707	1,449,088
1,595,656	23,965	1,469,329
1,610,578	14,922	1,481,799
1,654,220	43,642	1,519,163
1,706,863	52,643	1,564,850
1,756,875	50,012	1,607,260
1,801,837	44,962	1,645,008
1,852,185	50,348	1,687,138
1,882,895	30,710	1,712,387
1,899,887	16,992	1,726,031
1,947,172	47,285	1,765,011
2,010,862	63,690	1,816,938
2,083,756	72,894	1,876,429
2,161,616	77,860	1,939,753
2,247,759	86,143	2,010,420
2,296,734	48,975	2,049,148
2,327,280	30,546	2,073,022
2,418,365	91,085	2,146,069
2,513,377	95,012	2,222,527
2,598,480	85,103	2,290,674
2,684,650	86,170	2,360,038
2,745,477	60,827	2,408,178
2,766,598	21,121	2,424,363
2,799,179	32,581	2,449,434
2,884,022	84,843	2,516,174
2,976,307	92,285	2,590,326
3,070,305	93,998	2,666,066
3,161,709	91,404	2,740,748
3,248,286	86,577	2,811,828
3,296,431	48,145	2,850,871
3,327,849	31,418	2,876,261
3,415,107	87,258	2,947,018
3,508,722	93,615	3,024,281
3,593,014	84,292	3,094,258
3,669,825	76,811	3,157,645
3,736,854	67,029	3,213,051
3,774,010	37,156	3,243,516
3,795,340	21,330	3,260,863
3,863,650	68,310	3,316,659
3,927,752	64,102	3,370,314
3,989,546	61,794	3,422,342
4,055,305	65,759	3,477,451
4,116,404	61,099	3,528,812
4,139,018	22,614	3,547,800

4,154,831	15,813	3,560,935
4,214,784	59,953	3,611,617
4,269,383	54,599	3,658,117
4,325,751	56,368	3,705,961
4,378,842	53,091	3,751,714
4,425,640	46,798	3,791,564
4,445,763	20,123	3,808,748
4,461,346	15,583	3,822,189
4,515,345	53,999	3,869,358
4,565,570	50,225	3,913,603
4,606,787	41,217	3,949,896
4,645,676	38,889	3,983,967
4,682,867	37,191	4,016,506
4,704,040	21,173	4,034,858
4,718,470	14,430	4,047,451
4,760,548	42,078	4,084,284
4,803,143	42,595	4,122,095
4,842,489	39,346	4,157,147
4,883,660	41,171	4,193,809
4,925,854	42,194	4,231,382
4,947,557	21,703	4,250,679
4,963,879	16,322	4,265,377
5,013,293	49,414	4,309,662
5,060,586	47,293	4,352,672
5,106,486	45,900	4,394,303
5,155,070	48,584	4,438,314
5,199,087	44,017	4,478,269
5,217,075	17,988	4,494,462
5,231,745	14,670	4,507,736
5,278,928	47,183	4,550,405
5,326,031	47,103	4,593,702
5,369,221	43,190	4,633,079
5,404,139	34,918	4,664,712
5,445,212	41,073	4,701,840
5,465,555	20,343	4,720,285
5,478,370	12,815	4,731,906
5,524,215	45,845	4,773,819
5,566,467	42,252	4,812,802
5,607,366	40,899	4,850,573
5,649,576	42,210	4,889,712
5,689,731	40,155	4,926,753
5,710,148	20,417	4,945,284
5,723,646	13,498	4,957,555
5,736,581	12,935	4,969,532
5,779,029	42,448	5,009,357
5,814,780	35,751	5,042,702
5,851,006	36,226	5,076,596
5,887,121	36,115	5,110,404
5,902,098	14,977	5,124,133
5,911,809	9,711	5,133,037

5,951,192	39,383	5,169,604
5,992,779	41,587	5,208,601
6,036,115	43,336	5,249,279
6,090,191	54,076	5,300,059
6,141,184	50,993	5,347,784
6,163,931	22,747	5,368,623
6,178,723	14,792	5,382,255
6,234,103	55,380	5,434,166
6,287,192	53,089	5,484,274
6,341,954	54,762	5,535,678
6,397,755	55,801	5,588,021
6,446,270	48,515	5,633,263
6,470,128	23,858	5,655,149
6,486,587	16,459	5,670,297
6,544,585	57,998	5,724,424
6,598,829	54,244	5,775,524
6,648,792	49,963	5,822,051
6,699,098	50,306	5,869,005
6,755,155	56,057	5,921,387
6,782,763	27,608	5,946,618
6,802,887	20,124	5,964,829
6,872,748	69,861	6,029,702
6,941,652	68,904	6,094,370
7,010,194	68,542	6,158,157
7,075,406	65,212	6,218,459
7,136,901	61,495	6,275,048
7,170,740	33,839	6,305,390
7,191,773	21,033	6,323,988
7,266,042	74,269	6,391,838
7,342,121	76,079	6,462,185
7,412,503	70,382	6,526,014
7,480,885	68,382	6,588,231
7,546,873	65,988	6,648,252
7,579,232	32,359	6,676,856
7,603,161	23,929	6,697,822
7,687,050	83,889	6,773,401
7,769,909	82,859	6,848,929
7,851,327	81,418	6,921,670
7,930,083	78,756	6,992,238
7,999,540	69,457	7,054,897
8,036,693	37,153	7,087,175
8,063,288	26,595	7,109,809
8,150,614	87,326	7,188,034
8,237,976	87,362	7,267,874
8,318,780	80,804	7,340,238
8,400,469	81,689	7,413,183
8,479,525	79,056	7,483,529
8,517,903	38,378	7,516,287
8,544,966	27,063	7,539,577
8,642,256	97,290	7,625,813

8,738,595	96,339	7,711,516
8,832,378	93,783	7,794,085
8,927,838	95,460	7,877,736
9,018,901	91,063	7,957,352
9,070,609	51,708	8,001,032
9,105,265	34,656	8,029,965
9,221,116	115,851	8,130,926
9,331,358	110,242	8,228,150
9,428,176	96,818	8,312,917
9,522,382	94,206	8,396,232
9,619,110	96,728	8,481,012
9,674,671	55,561	8,528,527
9,713,014	38,343	8,560,911
9,830,508	117,494	8,664,118
9,946,885	116,377	8,767,522
10,063,998	117,113	8,871,404
10,183,075	119,077	8,977,031
10,304,388	121,313	9,084,974
10,379,931	75,543	9,151,647
10,435,105	55,174	9,199,952
10,582,812	147,707	9,331,974
10,713,546	130,734	9,448,777
10,828,247	114,701	9,549,604
10,840,889	12,642	9,560,450
10,912,638	71,749	9,620,827
10,965,870	53,232	9,664,603
11,010,874	45,004	9,701,772
11,145,908	135,034	9,818,348
11,267,531	121,623	9,924,230
11,383,907	116,376	10,025,583
11,497,555	113,648	10,124,928
11,607,013	109,458	10,220,761
11,664,799	57,786	10,269,574
11,704,609	39,810	10,302,835
11,821,902	117,293	10,405,271
11,903,307	81,405	10,476,810
11,939,315	36,008	10,509,244
11,945,998	6,683	10,515,323
11,946,323	325	10,515,631
12,029,012	82,689	10,588,033
12,163,943	134,931	10,704,780
12,283,212	119,269	10,806,693
12,360,309	77,097	10,870,993
12,444,012	83,703	10,943,454
12,532,344	88,332	11,019,001
12,569,510	37,166	11,051,280
12,680,767	111,257	11,146,628
12,825,700	144,933	11,270,543
12,948,343	122,643	11,374,919
13,021,855	73,512	11,437,026

13,136,700	114,845	11,533,304
13,250,571	113,871	11,630,146
13,367,338	116,767	11,728,177
13,456,336	88,998	11,802,506
13,516,243	59,907	11,851,161
13,591,767	75,524	11,911,706
13,661,613	69,846	11,967,482
13,742,979	81,366	12,033,603
13,848,790	105,811	12,119,551
14,005,637	156,847	12,246,128
14,053,710	48,073	12,283,567
14,189,167	135,457	12,390,107
14,289,877	100,710	12,469,750
14,370,153	80,276	12,534,527
14,445,909	75,756	12,594,787
14,532,743	86,834	12,666,299
14,653,811	121,068	12,761,053
14,791,044	137,233	12,872,898
14,939,305	148,261	12,991,259
15,031,531	92,226	13,066,252
15,179,088	147,557	13,187,813
15,304,459	125,371	13,290,861
15,443,899	139,440	13,406,031
15,584,254	140,355	13,524,095
15,718,021	133,767	13,635,780
15,877,679	159,658	13,767,956
15,935,036	57,357	13,817,715
16,076,028	140,992	13,932,383
16,202,370	126,342	14,039,007
16,321,080	118,710	14,138,921
16,405,627	84,547	14,210,361
16,561,140	155,513	14,343,731
16,629,666	68,526	14,401,800
16,738,158	108,492	14,492,829
16,837,794	99,636	14,575,304
16,949,139	111,345	14,667,426
17,073,934	124,795	14,774,162
17,263,046	189,112	14,934,341
17,399,120	136,074	15,051,216
17,504,358	105,238	15,141,689
17,605,821	101,463	15,228,098
17,694,874	89,053	15,304,651
17,846,886	152,012	15,437,293
17,922,915	76,029	15,504,385
18,034,823	111,908	15,604,130
18,072,290	37,467	15,636,490
18,220,770	148,480	15,767,579
18,301,672	80,902	15,837,752
18,414,867	113,195	15,935,599
18,506,265	91,398	16,016,584

18,605,754	99,489	16,105,699
18,700,767	95,013	16,190,560
18,810,731	109,964	16,289,252
18,810,731	0	16,317,708
18,810,731	0	16,348,208
18,810,731	0	16,511,222
18,810,731	0	16,606,352
19,212,601	401,870	16,658,802
19,127,832	-84,769	16,716,021
19,165,851	38,019	16,764,424
19,199,117	33,266	16,793,596
19,242,281	43,164	16,830,383
19,303,921	61,640	16,884,281
19,357,913	53,992	16,932,600
19,426,513	68,600	16,994,623
19,488,683	62,170	17,050,567
19,557,682	68,999	17,113,810
19,595,211	37,529	17,147,453
19,643,058	47,847	17,191,434
19,707,655	64,597	17,250,288
19,764,177	56,522	17,302,735
19,820,052	55,875	17,354,468
19,831,344	11,292	17,365,178
19,907,384	76,040	17,435,829

SUMMARY OUTPUT

<i>Regression Statistics</i>	
Multiple R	63%
R Square	39%
Adjusted R Square	39%
Standard Error	93.37861358
Observations	370

ANOVA

	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>ignificance F</i>
Regression	1	2083371.433	2083371	238.9306485	6.88E-42
Residual	368	3208800.094	8719.565		
Total	369	5292171.527			

	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>
Intercept	47.82502696	6.741082033	7.094562	6.70383E-12	34.56915	61.0809
positiveIncrease	0.009955918	0.000644088	15.45738	6.88296E-42	0.008689	0.011222

<u>Lower 95,0%</u>		<u>Upper 95,0%</u>	
34.56915	61.0809		
0.008689	0.011222		

Date	deathIncreaseDAILY	positiveIncrease
3/3/2020	0	0
3/4/2020	0	0
3/5/2020	0	0
3/6/2020	0	5
3/7/2020	0	0
3/8/2020	0	0
3/9/2020	0	7
3/10/2020	0	3
3/11/2020	0	3
3/12/2020	0	4
3/13/2020	0	0
3/14/2020	0	0
3/15/2020	0	34
3/16/2020	0	0
3/17/2020	1	7
3/18/2020	1	19
3/19/2020	1	26
3/20/2020	2	67
3/21/2020	0	60
3/22/2020	0	28
3/23/2020	3	24
3/24/2020	1	425
3/25/2020	3	263
3/26/2020	6	419
3/27/2020	5	337
3/28/2020	4	317
3/29/2020	7	504
3/30/2020	0	322
3/31/2020	7	392
4/1/2020	17	730
4/2/2020	12	669
4/3/2020	20	659
4/4/2020	15	788
4/5/2020	22	681
4/6/2020	13	480
4/7/2020	14	988
4/8/2020	23	1,092
4/9/2020	22	877
4/10/2020	27	1,441
4/11/2020	28	890
4/12/2020	17	923
4/13/2020	16	422
4/14/2020	31	718
4/15/2020	46	868
4/16/2020	29	963
4/17/2020	35	916
4/18/2020	25	889
4/19/2020	24	663

4/20/2020	18	535
4/21/2020	22	738
4/22/2020	26	873
4/23/2020	18	875
4/24/2020	32	862
4/25/2020	30	967
4/26/2020	25	858
4/27/2020	15	666
4/28/2020	27	874
4/29/2020	42	883
4/30/2020	50	1,033
5/1/2020	34	1,142
5/2/2020	31	1,293
5/3/2020	20	1,026
5/4/2020	17	784
5/5/2020	22	1,037
5/6/2020	42	1,053
5/7/2020	25	968
5/8/2020	31	1,219
5/9/2020	45	1,251
5/10/2020	39	1,009
5/11/2020	12	1,000
5/12/2020	33	1,179
5/13/2020	25	1,355
5/14/2020	58	1,448
5/15/2020	56	1,347
5/16/2020	33	1,801
5/17/2020	31	785
5/18/2020	11	909
5/19/2020	22	1,219
5/20/2020	50	1,411
5/21/2020	21	945
5/22/2020	40	1,181
5/23/2020	26	1,060
5/24/2020	0	839
5/25/2020	21	623
5/26/2020	9	589
5/27/2020	26	1,361
5/28/2020	39	1,855
5/29/2020	25	1,230
5/30/2020	0	1,332
5/31/2020	46	1,949
6/1/2020	6	593
6/2/2020	20	1,688
6/3/2020	36	1,703
6/4/2020	33	1,649
6/5/2020	21	1,693
6/6/2020	31	1,940
6/7/2020	11	1,425
6/8/2020	0	638

6/9/2020	23	1,637
6/10/2020	32	2,504
6/11/2020	35	1,826
6/12/2020	19	2,097
6/13/2020	18	2,331
6/14/2020	19	1,843
6/15/2020	7	1,254
6/16/2020	46	4,098
6/17/2020	33	3,129
6/18/2020	43	3,516
6/19/2020	35	3,454
6/20/2020	25	4,430
6/21/2020	17	3,866
6/22/2020	10	3,280
6/23/2020	28	5,489
6/24/2020	29	5,551
6/25/2020	47	5,996
6/26/2020	28	5,707
6/27/2020	42	5,742
6/28/2020	27	5,357
6/29/2020	10	4,288
6/30/2020	21	6,975
7/1/2020	57	8,076
7/2/2020	44	7,915
7/3/2020	50	7,555
7/4/2020	33	8,258
7/5/2020	29	3,449
7/6/2020	18	5,318
7/7/2020	60	10,028
7/8/2020	98	9,979
7/9/2020	105	9,782
7/10/2020	95	9,765
7/11/2020	99	10,351
7/12/2020	80	8,196
7/13/2020	43	5,655
7/14/2020	87	7,261
7/15/2020	110	10,791
7/16/2020	129	10,291
7/17/2020	174	14,916
7/18/2020	130	10,158
7/19/2020	93	7,300
7/20/2020	62	7,404
7/21/2020	131	9,305
7/22/2020	197	9,879
7/23/2020	173	9,507
7/24/2020	196	8,701
7/25/2020	168	6,020
7/26/2020	153	5,810
7/27/2020	675	4,267
7/28/2020	164	8,342

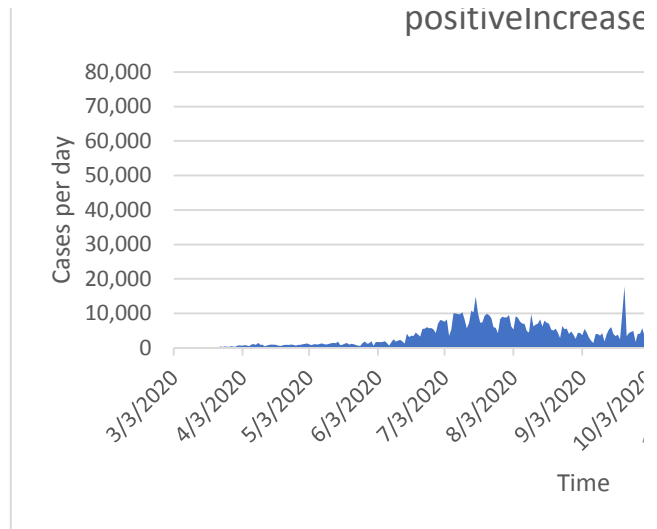
7/29/2020	313	9,042
7/30/2020	84	8,800
7/31/2020	295	8,839
8/1/2020	268	9,539
8/2/2020	0	6,226
8/3/2020	179	5,303
8/4/2020	245	9,167
8/5/2020	236	8,706
8/6/2020	306	7,598
8/7/2020	293	7,039
8/8/2020	247	6,959
8/9/2020	116	4,879
8/10/2020	31	4,455
8/11/2020	220	9,803
8/12/2020	324	6,200
8/13/2020	255	6,755
8/14/2020	313	7,018
8/15/2020	238	8,245
8/16/2020	143	6,204
8/17/2020	51	7,908
8/18/2020	216	7,282
8/19/2020	309	7,024
8/20/2020	234	5,303
8/21/2020	258	5,021
8/22/2020	215	5,559
8/23/2020	104	4,398
8/24/2020	25	2,847
8/25/2020	181	6,346
8/26/2020	229	5,407
8/27/2020	265	5,600
8/28/2020	196	4,031
8/29/2020	154	4,762
8/30/2020	90	3,824
8/31/2020	26	2,615
9/1/2020	145	4,364
9/2/2020	189	4,334
9/3/2020	221	3,680
9/4/2020	140	5,482
9/5/2020	177	4,486
9/6/2020	64	2,995
9/7/2020	20	2,060
9/8/2020	61	1,421
9/9/2020	139	4,000
9/10/2020	161	4,018
9/11/2020	144	3,547
9/12/2020	146	4,233
9/13/2020	47	1,845
9/14/2020	21	3,970
9/15/2020	132	5,342
9/16/2020	135	6,026

9/17/2020	112	4,047
9/18/2020	123	3,422
9/19/2020	135	3,827
9/20/2020	45	2,466
9/21/2020	24	9,853
9/22/2020	77	17,820
9/23/2020	135	3,392
9/24/2020	138	4,320
9/25/2020	97	4,633
9/26/2020	121	4,886
9/27/2020	37	1,694
9/28/2020	11	4,090
9/29/2020	71	4,062
9/30/2020	107	5,683
10/1/2020	112	3,534
10/2/2020	72	3,503
10/3/2020	97	7,006
10/4/2020	33	2,884
10/5/2020	8	3,409
10/6/2020	78	4,132
10/7/2020	119	4,121
10/8/2020	104	4,238
10/9/2020	98	4,036
#####	94	4,230
#####	31	2,418
#####	1	2,648
#####	64	5,130
#####	95	4,826
#####	95	4,726
#####	91	5,870
#####	81	4,885
#####	30	3,216
#####	8	1,894
#####	65	7,884
#####	114	5,252
#####	85	6,291
#####	89	6,472
#####	81	6,499
#####	48	4,304
#####	10	4,700
#####	81	7,292
#####	105	5,627
#####	119	6,826
#####	115	6,631
#####	90	7,145
11/1/2020	53	71,734
11/2/2020	20	5,455
11/3/2020	97	10,665
11/4/2020	126	9,817
11/5/2020	133	10,171

11/6/2020	136	9,239
11/7/2020	111	9,560
11/8/2020	43	6,878
11/9/2020	26	4,849
#####	94	12,935
#####	141	13,166
#####	143	10,589
#####	173	13,424
#####	150	11,401
#####	89	7,923
#####	20	7,828
#####	117	13,644
#####	187	10,987
#####	230	14,269
#####	183	13,795
#####	171	14,922
#####	89	9,769
#####	32	7,641
#####	162	16,580
#####	200	18,811
#####	206	14,697
#####	51	3,987
#####	102	4,325
#####	48	7,050
#####	22	11,725
12/1/2020	170	18,540
12/2/2020	207	19,222
12/3/2020	244	17,552
12/4/2020	255	16,796
12/5/2020	247	14,391
12/6/2020	92	10,380
12/7/2020	33	9,491
12/8/2020	181	19,842
12/9/2020	273	13,606
#####	244	15,299
#####	226	14,451
#####	249	16,360
#####	111	8,349
#####	26	8,901
#####	205	18,926
#####	252	18,802
#####	266	19,849
#####	294	16,792
#####	272	17,907
#####	122	7,780
#####	67	10,280
#####	191	21,147
#####	294	23,363
#####	308	17,064
#####	200	4,335

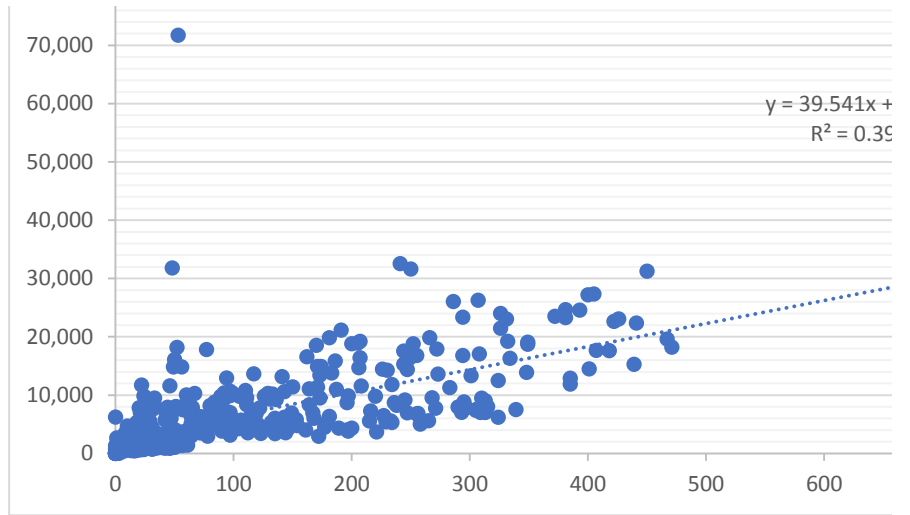
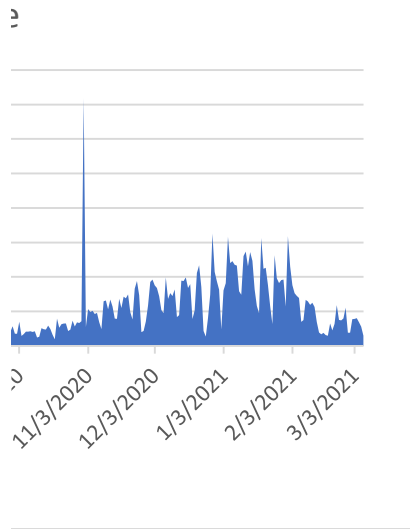
#####	13	2,694
#####	51	8,046
#####	49	14,829
#####	241	32,552
#####	326	21,469
#####	349	18,725
1/1/2021	334	16,311
1/2/2021	96	4,763
1/3/2021	50	16,095
1/4/2021	52	18,182
1/5/2021	250	31,630
1/6/2021	326	24,010
1/7/2021	393	24,578
1/8/2021	372	23,520
1/9/2021	381	23,290
1/10/2021	186	15,855
1/11/2021	56	14,834
1/12/2021	286	26,052
1/13/2021	405	27,343
1/14/2021	426	23,064
1/15/2021	400	27,204
1/16/2021	381	24,657
1/17/2021	207	16,402
1/18/2021	46	11,590
1/19/2021	310	9,476
1/20/2021	450	31,255
1/21/2021	441	22,360
1/22/2021	422	22,646
1/23/2021	407	17,672
1/24/2021	208	11,565
1/25/2021	72	6,319
1/26/2021	307	26,274
1/27/2021	467	19,613
1/28/2021	471	18,220
1/29/2021	349	19,076
1/30/2021	332	19,234
1/31/2021	171	11,370
2/1/2021	48	31,811
2/2/2021	331	23,047
2/3/2021	418	17,620
2/4/2021	439	15,281
2/5/2021	401	14,495
2/6/2021	348	13,897
2/7/2021	167	6,959
2/8/2021	57	7,485
2/9/2021	301	13,329
2/10/2021	385	12,897
2/11/2021	385	11,890
2/12/2021	324	12,502
2/13/2021	283	11,282

2/14/2021	149	6,933
2/15/2021	66	3,889
2/16/2021	52	3,348
2/17/2021	72	3,766
2/18/2021	97	3,131
2/19/2021	172	2,937
2/20/2021	227	6,486
2/21/2021	130	4,484
2/22/2021	64	6,365
2/23/2021	234	11,809
2/24/2021	339	7,517
2/25/2021	305	7,389
2/26/2021	290	7,955
2/27/2021	164	11,073
2/28/2021	197	3,815
3/1/2021	59	3,821
3/2/2021	271	7,747
3/3/2021	297	7,822
3/4/2021	315	8,028
3/5/2021	256	6,853
3/6/2021	233	5,570
3/7/2021	78	2,953



Indicator	Output
Correlation	0.627431613
slope	39.541
intercept	25511.9

80,000





TX
days 370

Cases	2,686,818	Ratio %
Average daily Cases	7,262	0.270%
Deaths Total	44,445	1.65%
Average daily Deaths	120	0.004%
Hospitalized Total	158,522	5.90%
Average of daily Hospitalizations	428	0.016%

TX	Not Fully Vaccinated
Cases	1,115 029 (42 %)
Hospitalizations	23 858 (41 %)
Deaths	16 978 (38 %)

Taxes	Confirmed cases
Ratio	2,686,818
Median age	46
Age range	0-100
Male	953,820
Female	1,732,998

Fully Vaccinated	Booster of Vaccination	Total
91 8891 (34 %)	65 2897 (24 %)	2,686,818
14 129 (24 %)	19 920 (34 %)	57,907
14 267 (32 %)	13 200 (30 %)	44,445

%	Death	%	Hospitalized	%
100%	44,445	100%	57,907	100%
n/t	48	n/t	53	n/t
n/t	0-100	n/t	0-100	n/t
36%	17,556	40%	29,822	52%
65%	26,889	61%	28,664	50%