SoCalGas, June 13th, 2025

Rulemaking (R.) 15-01-008 to Adopt Rules and Procedures Governing Commission Regulated Natural Gas Pipelines and Facilities to Reduce Natural Gas Leaks Consistent with Senate Bill 1371, Leno.

In Response to Data Request, R15-01-008 2025 June Report

Appendix 6; Rev. 03/27/2025

Notes:

Use a formula-derived value with the formula used in the Annual Emissions column. Do not use a copy and paste-as-value.

At the end of Annual Emissions Column, add a summation total in a cell for a column total, and then highlight orange.

Response:

Customer Meter Total Leaks and Emissions (Informational Purposes Only):

Number of Meters	Meter Type	Emission Factor (Mscf/yr)	Annual Emissions (Mscf)
5,940,904	Residential	0.148	879,254
248,509	Commercial	0.051	12,674
23,833	Industrial	0.051	1,215
		Sum Total	**893,143**

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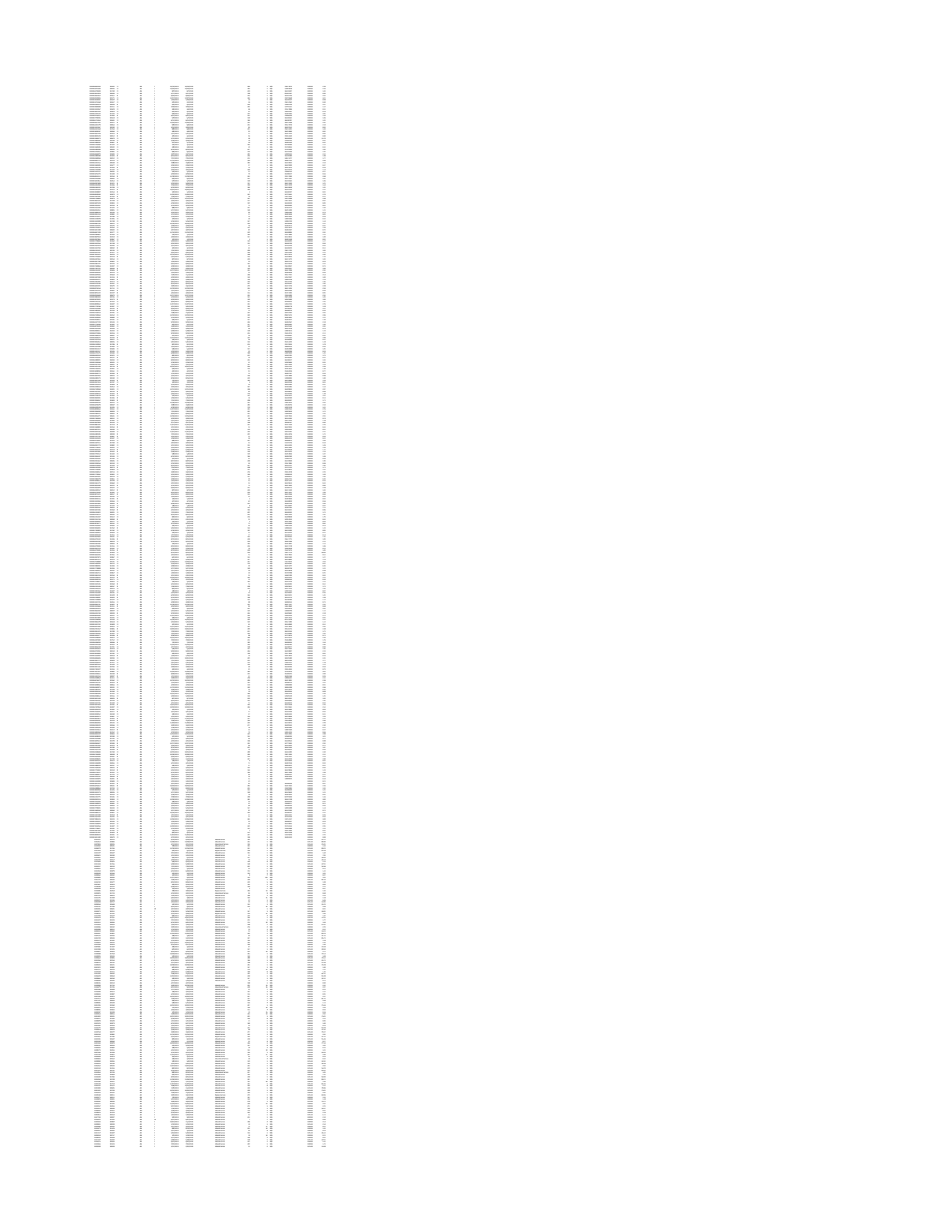
Emission Factors (Mscf/day/leak)	
AG-Haz	0.2544
AG-Non Haz	0.0083
Unknown Leak EF	0.0203
Non-leaker EF (Undetected Leaks)	0.0002

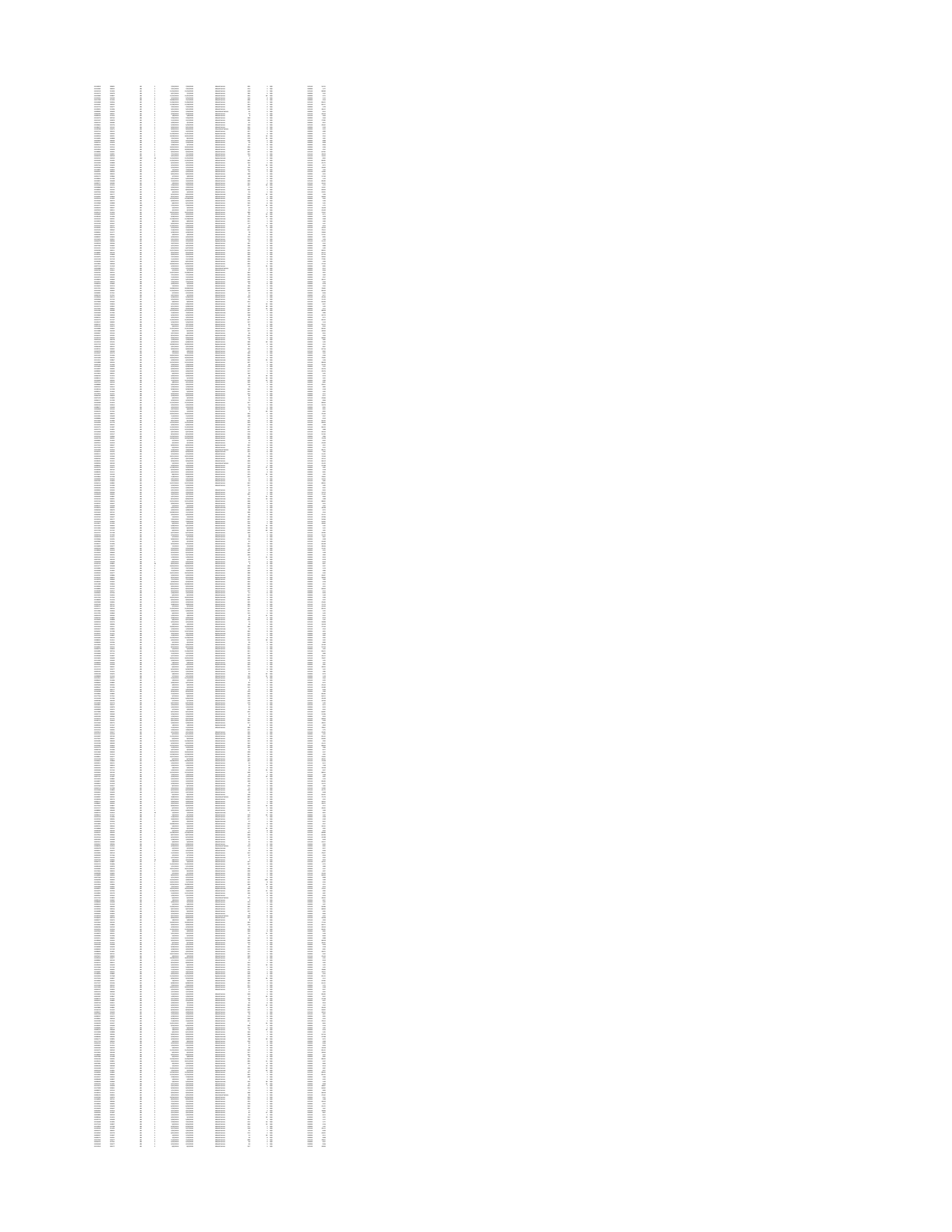
Notes:
The intent of this worksheet is to capture event data that represent the fugitive leaks on MSA assets that if repaired would cease leaking. If the equipment or component is releasing gas or "bleeding" as a result of its design or function, then it is not to be captured in this tab and should be entered into the Component Emissions tab.

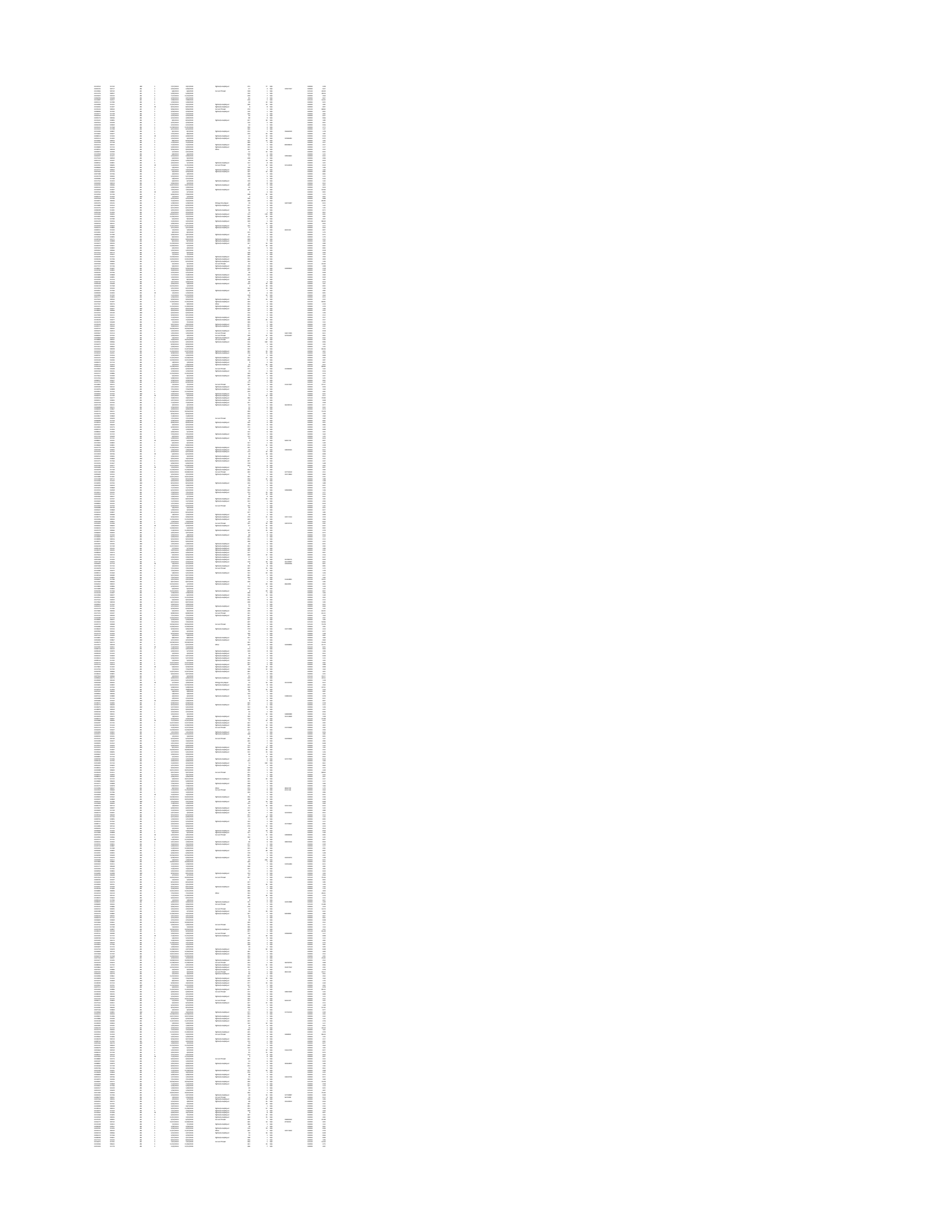
No emissions estimates from this worksheet should be included in Appendix 8, as this is being collected for informational purposes at this time.
Use a formula-derived value with the formula used in the Annual Emissions column. Do not use a copy and paste-as-value.
At the end of Annual Emissions Column, add a summation total in a cell for a column total, and then highlight orange.
Response:
(Please add any clarifying explanations here above the table.)

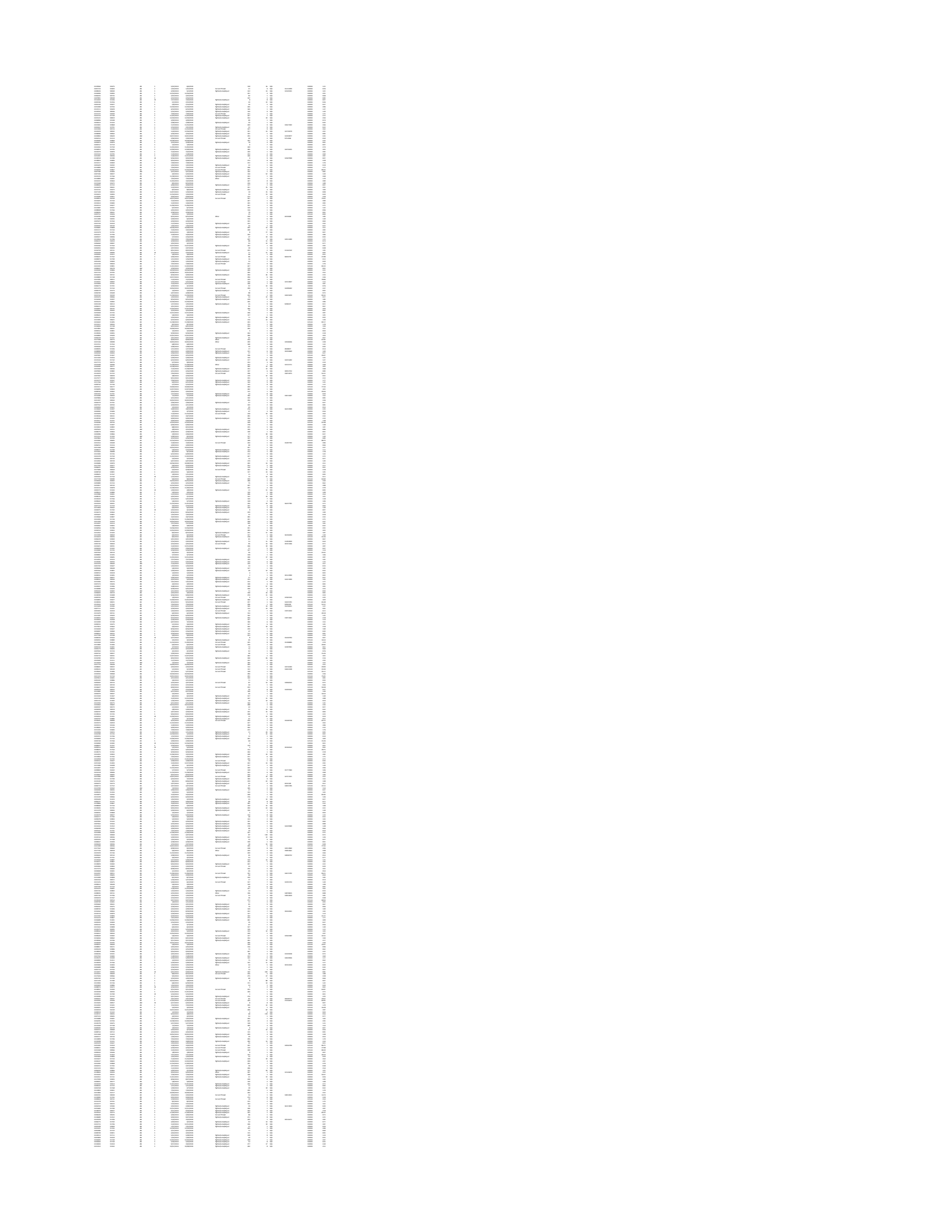
Customer Meter Fugitive Leaks:

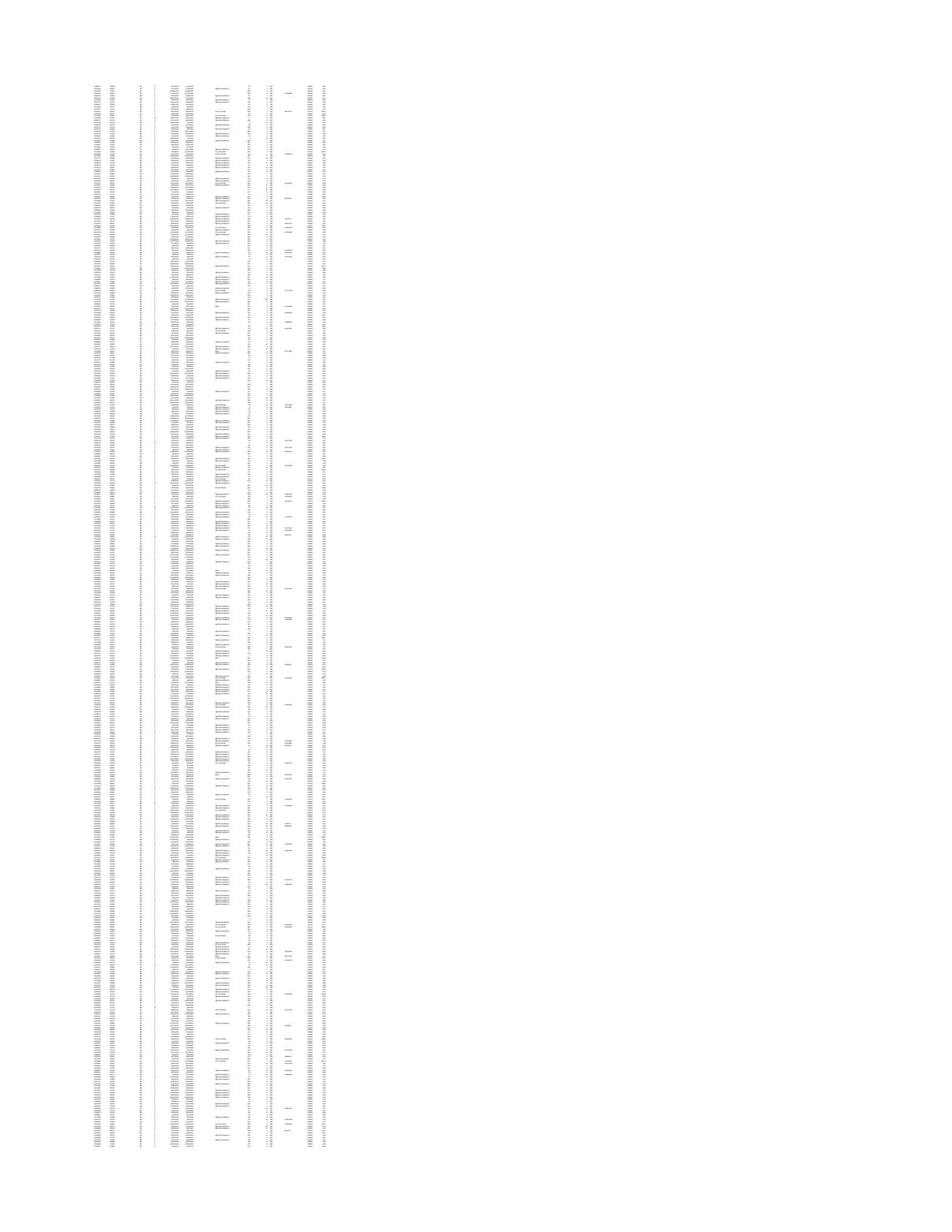
ID	Geographic Location	Meter Classification (Commercial/Industrial or Residential)	Leak Classification (Grade)	Leak Discovery Method	Discovery Date (DD/MM/YY)	Leak Repair Date (MM/DD/YY)	If not repaired by 12/31/xx List the Scheduled Date of Repair (DD/MM/YY)	Repair Type	Number of Days Leaking	Number of Days to Repair	Bubble Size Classification	MSA Identification Number	Emission Factor (Mscf/day/leak)	Annual Emissions (Mscf)	Comments or Additional Information. (If you are able to quantify the leak rate by bubble pattern or other methods please include this volumetric data, and state what method was used to determine the flow/leak rate in these columns.)
2417396	90274		AN	S	8/30/2024	9/16/2024			260	18	N/A		0.0083	2.16	
2414185	91768		AN	S	7/12/2024	12/18/2024			353	160	N/A		0.0083	2.93	
2423749	91204		AN	S	11/15/2024	11/25/2024		Replace Service	330	11	N/A		0.0083	2.74	
2326969	90065		AN	S	12/21/2023	1/4/2024			4	15	N/A		0.0083	0.03	
2419911	91768		AN	S	10/4/2024	12/20/2024			355	78	N/A		0.0083	2.95	
2417896	93012		AN	S	9/10/2024	9/10/2024			254	1	N/A		0.0083	2.11	
2426909	90277		AN	S	12/31/2024	12/31/2024		Altered Service	366	1	N/A		0.0083	3.04	
2426721	92346		AN	S	12/27/2024	12/27/2024		Altered Service	362	1	N/A		0.0083	3.01	
2417766	90274		AN	S	9/7/2024	9/16/2024			260	10	N/A		0.0083	2.16	
2408309	93434		AN	S	4/18/2024	4/18/2024			109	1	N/A	11201755	0.0083	0.91	
2423077	92868		AN	S	11/13/2024	11/13/2024			318	1	N/A		0.0083	2.64	
2414550	91780		AN	S	7/18/2024	7/18/2024			200	1	N/A	14927657	0.0083	1.66	
2425492	90046		AN	S	12/6/2024	12/6/2024			341	1	N/A		0.0083	2.83	
2420397	93117		AN	S	10/11/2024	10/11/2024			285	1	N/A		0.0083	2.37	
2416821	90605		AN	S	8/23/2024	9/26/2024			270	35	N/A		0.0083	2.24	
100025831089	91766	CI	AN	S	4/16/2024	4/16/2024			107	1	N/A	13547982	0.0083	0.89	
100025936448	93654	CI	AN	S	6/21/2024	6/21/2024			173	1	N/A	16144024	0.0083	1.44	
100024931192	91436	R	AN	S	1/16/2024	1/16/2024			16	1	N/A	16340095	0.0083	0.13	
100026374170	91752	R	AN	S	8/19/2024	8/19/2024			232	1	N/A	15980520	0.0083	1.93	
100024929302	91340	CI	AN	S	1/8/2024	1/8/2024			8	1	N/A	16184629	0.0083	0.07	
100026647398	91748	CI	AN	S	11/1/2024	11/1/2024			306	1	N/A	16341698	0.0083	2.54	
100025936163	92570	CI	AN	S	6/13/2024	6/13/2024			165	1	N/A	13568234	0.0083	1.37	
100025936624	91401	R	AN	S	7/30/2024	7/30/2024			212	1	N/A	14990186	0.0083	1.76	
100026733188	93224	CI	AN	S	12/26/2024	12/26/2024			361	1	N/A	11074157	0.0083	3.00	
100025679808	92260	CI	AN	S	3/15/2024	3/15/2024			75	1	N/A	13539992	0.0083	0.62	
100025255858	92253	R	AN	S	3/13/2024	3/13/2024			73	1	N/A	16340490	0.0083	0.61	
100025627053	90007	CI	AN	S	3/5/2024	3/5/2024			65	1	N/A	11335198	0.0083	0.54	
100026927677	90036	CI	AN	S	12/13/2024	12/13/2024			348	1	N/A	13547923	0.0083	2.89	
100025607664	92555	CI	AN	S	4/9/2024	4/9/2024			100	1	N/A	15672761	0.0083	0.83	
100025261200	90059	CI	AN	S	2/7/2024	2/7/2024			38	1	N/A	13984393	0.0083	0.32	
100025296887	90045	CI	AN	S	1/9/2024	1/9/2024			9	1	N/A	16142009	0.0083	0.07	
100026884911	93455	CI	AN	S	12/5/2024	12/5/2024			340	1	N/A	16341328	0.0083	2.82	
100026060200	91748	CI	AN	S	5/24/2024	5/24/2024			145	1	N/A	16073003	0.0083	1.20	
100025260996	91604	CI	AN	S	2/13/2024	2/13/2024			44	1	N/A	14166257	0.0083	0.37	
100025828771	90201	CI	AN	S	4/12/2024	4/12/2024			103	1	N/A	10523235	0.0083	0.86	
100026424754	90605	R	AN	S	10/30/2024	10/30/2024			304	1	N/A	16342200	0.0083	2.52	
100025260695	90230	CI	AN	S	3/14/2024	3/14/2024			74	1	N/A	11177725	0.0083	0.61	
100025883334	92354	CI	AN	S	4/24/2024	4/24/2024			115	1	N/A	12586787	0.0083	0.95	
100026919328	90040	CI	AN	S	12/5/2024	12/5/2024			340	1	N/A	16427424	0.0083	2.82	
100025527287	91381	CI	AN	S	2/21/2024	2/21/2024			52	1	N/A	14988630	0.0083	0.43	
100025502692	92692	CI	AN	S	2/9/2024	2/9/2024			40	1	N/A	15872023	0.0083	0.33	
100024927853	92660	CI	AN	S	1/29/2024	1/29/2024			29	1	N/A	16340115	0.0083	0.24	
100025801503	90012	R	AN	S	4/5/2024	4/5/2024			96	1	N/A	15924330	0.0083	0.80	
100025452537	92240	CI	AN	S	3/21/2024	3/21/2024			81	1	N/A	16339947	0.0083	0.67	
100025442451	90014	CI	AN	S	2/12/2024	2/12/2024			43	1	N/A	15942510	0.0083	0.36	
100025432764	91766	R	AN	S	1/30/2024	1/30/2024			30	1	N/A	16144763	0.0083	0.25	
100025338748	90046	R	AN	S	1/24/2024	1/24/2024			24	1	N/A	13547787	0.0083	0.20	
100026980736	91764	CI	AN	S	12/19/2024	12/19/2024			354	1	N/A	12993614	0.0083	2.94	
100025452882	92401	CI	AN	S	3/27/2024	3/27/2024			87	1	N/A	13458034	0.0083	0.72	
100026734359	93033	CI	AN	S	10/25/2024	10/25/2024			299	1	N/A	16411375	0.0083	2.48	
100024928799	91761	CI	AN	S	1/16/2024	1/16/2024			16	1	N/A	16145528	0.0083	0.13	
100026407478	93110	R	AN	S	7/30/2024	7/30/2024			212	1	N/A	10932537	0.0083	1.76	
100025286860	91355	CI	AN	S	1/5/2024	1/5/2024			5	1	N/A	16071474	0.0083	0.04	
100026884171	92821	CI	AN	S	12/12/2024	12/12/2024			347	1	N/A	16183972	0.0083	2.88	
100025411869	92211	CI	AN	S	1/26/2024	1/26/2024			26	1	N/A	14988189	0.0083	0.22	
100024928147	90640	CI	AN	S	1/16/2024	1/16/2024			16	1	N/A	16339730	0.0083	0.13	
100025847082	92867	CI	AN	S	4/30/2024	4/30/2024			121	1	N/A	16145706	0.0083	1.00	
100025339109	92234	CI	AN	S	1/17/2024	1/17/2024			17	1	N/A	12452774	0.0083	0.14	
100026695854	91711	CI	AN	S	11/8/2024	11/8/2024			313	1	N/A	16145361	0.0083	2.60	
100025607762	91604	CI	AN	S	4/3/2024	4/3/2024			94	1	N/A	16339695	0.0083	0.78	
100025490506	90605	CI	AN	S	2/8/2024	2/8/2024			39	1	N/A	10903814	0.0083	0.32	
100025608081	90045	CI	AN	S	4/26/2024	4/26/2024			117	1	N/A	14478579	0.0083	0.97	
100026261686	93249	CI	AN	S	8/26/2024	8/26/2024			239	1	N/A	16341922	0.0083	1.98	
100024928567	92595	CI	AN	S	1/9/2024	1/9/2024			9	1	N/A	16145412	0.0083	0.07	
100026623649	93224	CI	AN	S	9/24/2024	9/24/2024			268	1	N/A	05026439	0.0083	2.23	
100026327539	91730	CI	AN	S	7/22/2024	7/22/2024			204	1	N/A	15576699	0.0083	1.69	
100025925425	92507	CI	AN	S	5/24/2024	5/24/2024			145	1	N/A	16382563	0.0083	1.20	
100026781697	90280	CI	AN	S	11/1/2024	11/1/2024			306	1	N/A	16086513	0.0083	2.54	
100024927421	92867	CI	AN	S	11/6/2024	11/6/2024			311	1	N/A	16341199	0.0083	2.58	
100026797509	92620	R	AN	S	11/18/2024	11/18/2024			323	1	N/A	10958425	0.0083	2.68	
100025354160	92337	CI	AN	S	1/19/2024	1/19/2024			19	1	N/A	14466738	0.0083	0.16	
100025642391	92660	CI	AN	S	3/13/2024	3/13/2024			73	1	N/A	16381707	0.0083	0.61	
100026333698	91436	R	AN	S	7/16/2024	7/16/2024			198	1	N/A	16411019	0.0083	1.64	
100025479987	92408	CI	AN	S	2/12/2024	2/12/2024			43	1	N/A	14944643	0.0083	0.36	
100026125541	90057	R	AN	S	7/11/2024	7/11/2024			193	1	N/A	16341048	0.0083	1.60	
100026839808	90740	CI	AN	S	12/11/2024	12/11/2024			346	1	N/A	15216975	0.0083	2.87	
100026647198	92220	CI	AN	S	11/13/2024	11/13/2024			318	1	N/A	16341558	0.0083	2.64	
100025477490	91505	CI	AN	S	2/7/2024	2/7/2024			38	1	N/A	12006632	0.0083	0.32	
100025967911	90503	CI	AN	S	5/8/2024	5/8/2024			129	1	N/A	15671097	0.0083	1.07	
100024929063	93552	CI	AN	S	1/8/2024	1/8/2024			8	1	N/A	14945176	0.0083	0.07	
100026625800	93454	CI	AN	S	10/8/2024	10/8/2024			282	1	N/A	12454108	0.0083	2.34	
100026811635	93257	CI	AN	S	11/15/2024	11/15/2024			320	1	N/A	15979588	0.0083	2.66	
100025778563	92881	CI	AN	S	5/24/2024	5/24/2024			145	1	N/A	13984606	0.0083	1.20	
100026089496	91502	CI	AN	S	5/29/2024	5/29/2024			150	1	N/A	16141960	0.0083	1.25	
100026758868	92254	CI	AN	S	12/5/2024	12/5/2024			340	1	N/A	13002442	0.0083	2.82	
100026935528	90023	CI	AN	S	12/12/2024	12/12/2024			347	1	N/A	15738414	0.0083	2.88	
100025260475	90650	CI	AN	S	5/23/2024	5/23/2024			144	1	N/A	16410108	0.0083	1.20	
100026733245	92802	CI	AN	S	10/25/2024	10/25/2024			299	1	N/A	15672720	0.0083	2.48	
100025625307	90036	CI	AN	S	3/13/2024	3/13/2024			73	1	N/A	15671967	0.0083	0.61	
100025793948	92867	CI	AN	S	5/15/2024	5/15/2024			136	1	N/A	16410859	0.0083	1.13	
100026279534	92780	CI	AN	S	8/14/2024	8/14/2024			227	1	N/A	16340892	0.0083	1.89	
100026942245	91342	CI	AN	S	12/12/2024	12/12/2024			347	1	N/A	16142495	0.0083	2.88	
100026765165	90280	CI	AN	S	11/12/2024	11/12/2024			317	1	N/A	15424415	0.0083	2.63	
100025453056	91301	R	AN	S	4/5/2024	4/5/2024			96	1	N/A	16381511	0.0083	0.80	
100024920339	92881	CI	AN	S	1/10/2024	1/10/2024			10	1	N/A	14989438	0.0083	0.08	
100026496043	92203	R	AN	S	8/22/2024	8/22/2024			235	1	N/A	16410793	0.0083	1.95	
100025621347	92335	CI	AN	S	6/28/2024	6/28/2024			180	1	N/A	16410687	0.0083	1.49	
100025260556	90077	R	AN	S	3/29/2024	3/29/2024			89	1	N/A	15424648	0.0083	0.74	
100025362016	91710	CI	AN	S	2/12/2024	2/12/2024			43	1	N/A	15942614	0.0083	0.36	
100025974344	90805	CI	AN	S	5/13/2024	5/13/2024			134	1	N/A	16293399	0.0083	1.11	
100025621342	92376	CI	AN	S	5/23/2024	5/23/2024			144	1	N/A	16410773	0.0083	1.20	
100025454407	90744	CI	AN	S	3/8/2024	3/8/2024			68	1	N/A	14943738	0.0083	0.56	
100026167575	92706	CI	AN	S	6/10/2024	6/10/2024			162	1	N/A	16410861	0.0083	1.35	
100025453071	90703	CI	AN	S	2/13/2024	2/13/2024			44	1	N/A	16292933	0.0083	0.37	
100025260877	92253	R	AN	S	2/26/2024	2/26/2024			57	1	N/A	13983481	0.0083	0.47	
100025452510	92571	CI	AN	S	3/7/2024	3/7/2024			67	1	N/A	16340798	0.0083	0.56	
100025475755	92663	CI	AN	S	2/9/2024	2/9/2024			40	1	N/A	15619089	0.0083	0.33	
100026939786	90292	R	AN	S	12/12/2024	12/12/2024			347	1	N/A	15657851	0.0083	2.88	
100025443132	92505	CI	AN	S	1/31/2024	1/31/2024			31	1	N/A	15672397	0.0083	0.26	
100026639541	92404	R	AN	S	9/30/2024	9/30/2024			274	1	N/A	16411291	0.0083	2.28	
100026279747	92337	CI	AN	S	7/29/2024	7/29/2024			211	1	N/A	16411809	0.0083	1.75	
100026758073	92840	CI	AN	S	12/4/2024	12/4/2024			339	1	N/A	16342523	0.0083	2.82	
100026758979	93615	CI	AN	S	12/3/2024	12/3/2024			338	1	N/A	16341831	0.0083	2.81	
100025343467	93550	CI	AN	S	1/18/2024	1/18/2024			18	1	N/A	16073959	0.0083	0.15	
100026113139	92324	R	AN	S	5/31/2024	5/31/2024			152	1	N/A	16410830	0.0083	1.26	
100026577745	92253	R	AN	S	11/25/2024	11/25/2024			330	1	N/A	15534980	0.0083	2.74	
100025355874	91733	CI	AN	S	1/22/2024	1/22/2024			22	1	N/A	16381920	0.0083	0.18	
100025503882	92804	CI	AN	S	2/9/2024	2/9/2024			40	1	N/A	16142427	0.0083	0.33	
100024931179	92647	CI	AN	S	1/24/2024	1/24/2024			24	1	N/A	16339733	0.0083	0.20	
100026424576	91405	CI	AN	S	9/17/2024	9/17/2024			261	1	N/A	16341636	0.0083	2.17	
100026424806	92270	R	AN	S	9/11/2024	9/11/2024			255	1	N/A	16411953	0.0083	2.12	
100025996276	90210	R	AN	S	5/14/2024	5/14/2024			135	1	N/A		0.0083	1.12	
100025936741	92647	CI	AN	S	6/12/2024	6/12/2024			164	1	N/A	15856262	0.0083	1.36	
100025260791	92563	CI	AN	S	2/22/2024	2/22/2024			53	1	N/A	14945196	0.0083	0.44	
100026760153	91741	CI	AN	S	11/6/2024	11/6/2024			311	1	N/A	12173605	0.0083	2.58	
100026959280	90012	R	AN	S	12/16/2024	12/16/2024			351	1	N/A	16284840	0.0083	2.91	
100025717454	91764	CI	AN	S	5/2/2024	5/2/2024			123	1	N/A	12454773	0.0083	1.02	
100026940975	92503	CI	AN	S	12/12/2024	12/12/2024			347	1	N/A	14989203	0.0083	2.88	
100026751606	91730	CI	AN	S	10/31/2024	10/31/2024			305	1	N/A	14944707	0.0083	2.53	
100025873239	92346	CI	AN	S	4/23/2024	4/23/2024			114	1	N/A	13382140	0.0083	0.95	
100026801334	91316	R	AN	S	11/14/2024	11/14/2024			319	1	N/A	15577568	0.0083	2.65	
100026424405	93003	CI	AN	S	9/5/2024	9/5/2024			249	1	N/A	16409693	0.0083	2.07	
100025770368	92869	CI	AN	S	5/17/2024	5/17/2024			138	1	N/A	16410109	0.0083	1.15	
100026279962	93314	CI	AN	S	8/13/2024	8/13/2024			226	1	N/A	16382530	0.0083	1.88	
100025261292	91423	R	AN	S	2/22/2024	2/22/2024			53	1	N/A	16248243	0.0083	0.44	
100026442254	93203	CI	AN	S	8/8/2024	8/8/2024			221	1	N/A	14183020	0.0083	1.84	
100026757932	92504	CI	AN	S	12/5/2024	12/5/2024			340	1	N/A	16341685	0.0083	2.82	
100025935841	90650	R	AN	S	6/20/2024	6/20/2024			172	1	N/A	15534779	0.0083	1.43	
100026549106	93001	CI	AN	S	10/4/2024	10/4/2024			278	1	N/A	16408715	0.0083	2.31	
100024927602	91775	R	AN	S	2/27/2024	2/27/2024			58	1	N/A	16340730	0.0083	0.48	
100026840468	93308	CI	AN	S	11/27/2024	11/27/2024			332	1	N/A	16143073	0.0083	2.76	
100026114109	92882	CI	AN	S	5/31/2024	5/31/2024			152	1	N/A	16142204	0.0083	1.26	
100026424539	93444	CI	AN	S	9/20/2024	9/20/2024			264	1	N/A	15672543	0.0083	2.19	
100026406645	90670	CI	AN	S	8/23/2024	8/23/2024			236	1	N/A	16410908	0.0083	1.96	
100025271339	91103	CI	AN	S	1/3/2024	1/3/2024			3	1	N/A	15916404	0.0083	0.02	
100026280382	92880	CI	AN	S	8/1/2024	8/1/2024			214	1	N/A	15924434	0.0083	1.78	
100026230761	92651	R	AN	S	7/9/2024	7/9/2024			191	1	N/A		0.0083	1.59	
100025260437	90712	CI	AN	S	7/13/2024	7/13/2024			195	1	N/A	16409543	0.0083	1.62	
100025762616	91007	CI	AN	S	3/28/2024	3/28/2024			88	1	N/A	15618947	0.0083	0.73	
100026761745	90263	CI	AN	S	11/4/2024	11/4/2024			309	1	N/A	14988038	0.0083	2.57	
100026219844	90232	R	AN	S	7/19/2024	7/19/2024			201	1	N/A	12454327	0.0083	1.67	
100026366644	92336	R	AN	S	7/23/2024	7/23/2024			205	1	N/A	16382671	0.0083	1.70	
100025946889	92651	CI	AN	S	5/2/2024	5/2/2024			123	1	N/A	16145192	0.0083	1.02	
100026926130	93631	CI	AN	S	12/8/2024	12/8/2024			343	1	N/A	16248787	0.0083	2.85	
100025936459	91604	R	AN	S	7/29/2024	7/29/2024			211	1	N/A	16340776	0.0083	1.75	
100026548593	92201	R	AN	S	10/21/2024	10/21/2024			295	1	N/A	15871915	0.0083	2.45	
100026125895	93065	CI	AN	S	7/1/2024	7/1/2024			183	1	N/A	16341404	0.0083	1.52	
100025492271	91803	CI	AN	S	2/9/2024	2/9/2024			40	1	N/A	13381455	0.0083	0.33	
100025936391	93458	CI	AN	S	6/21/2024	6/21/2024			173	1	N/A	16293066	0.0083	1.44	
100026548964	93309	R	AN	S	10/3/2024	10/3/2024			277	1	N/A	15792757	0.0083	2.30	
100025621899	90049	R	AN	S	6/19/2024	6/19/2024			171	1	N/A	16255791	0.0083	1.42	
100026650488	92253	R	AN	S	12/23/2024	12/23/2024			358	1	N/A	10878828	0.0083	2.97	
100026181511	91741	CI	AN	S	8/26/2024	8/26/2024			239	1	N/A	16342487	0.0083	1.98	
100026798676	92270	R	AN	S	11/13/2024	11/13/2024			318	1	N/A		0.0083	2.64	
100026944543	93309	CI	AN	S	12/18/2024	12/18/2024			353	1	N/A	15580108	0.0083	2.93	
100026664093	92505	CI	AN	S	10/16/2024	10/16/2024			290	1	N/A	16382547	0.0083	2.41	
100025631575	91786	CI	AN	S	3/1/2024	3/1/2024			61	1	N/A	16144702	0.0083	0.51	
100025703333	91101	R	AN	S	3/21/2024	3/21/2024			81	1	N/A	12885433	0.0083	0.67	
100026295565	91423	R	AN	S	7/3/2024	7/3/2024			185	1	N/A	14464721	0.0083	1.54	
100025863039	92571	CI	AN	S	4/19/2024	4/19/2024			110	1	N/A	16408492	0.0083	0.91	
100025639185	92657	CI	AN	S	3/15/2024	3/15/2024			75	1	N/A	16410144	0.0083	0.62	
100025711041	90280	CI	AN	S	3/22/2024	3/22/2024			82	1	N/A	16248728	0.0083	0.68	
100026125485	92704	R	AN	S	10/21/2024	10/21/2024			295	1	N/A	16342393	0.0083	2.45	
100026424182	90640	CI	AN	S	9/4/2024	9/4/2024			248	1	N/A	01930935	0.0083	2.06	
100026908818	92653	CI	AN	S	12/2/2024	12/2/2024			337	1	N/A	12760282	0.0083	2.80	
100026304827	92335	CI	AN	S	7/8/2024	7/8/2024			190	1	N/A	15922233	0.0083	1.58	
100026125443	92802	CI	AN	S	7/8/2024	7/8/2024			190	1	N/A	16410147	0.0083	1.58	
100026830829	92868	CI	AN	S	12/4/2024	12/4/2024			339	1	N/A	16142444	0.0083	2.82	
100025828105	90201	CI	AN	S	4/12/2024	4/12/2024			103	1	N/A	10523235	0.0083	0.86	
100025299002	92663	R	AN	S	1/19/2024	1/19/2024			19	1	N/A	15955095	0.0083	0.16	
100026544796	92881	CI	AN	S	10/7/2024	10/7/2024			281	1	N/A	16410047	0.0083	2.33	
100026738942	93561	CI	AN	S	11/22/2024	11/22/2024			327	1	N/A	16427409	0.0083	2.72	
100026544667	92618	CI	AN	S	10/4/2024	10/4/2024			278	1	N/A	16411765	0.0083	2.31	
100026424585	93203	CI	AN	S	10/8/2024	10/8/2024			282	1	N/A	16339419	0.0083	2.34	
100026531018	92618	CI	AN	S	8/28/2024	8/28/2024			241	1	N/A	16341542	0.0083	2.00	
100026342649	90062	CI	AN	S	9/20/2024	9/20/2024			264	1	N/A	16248594	0.0083	2.19	
100026646511	93609	CI	AN	S	11/21/2024	11/21/2024			326	1	N/A	15916401	0.0083	2.71	
100025922821	90266	CI	AN	S	5/6/2024	5/6/2024			127	1	N/A	16144558	0.0083	1.05	
100026640874	93404	R	AN	S	9/30/2024	9/30/2024			274	1	N/A	12007036	0.0083	2.28	
100025501400	91436	CI	AN	S	2/9/2024	2/9/2024			40	1	N/A	16292875	0.0083	0.33	
100025441412	92336	CI	AN	S	1/31/2024	1/31/2024			31	1	N/A	15922827	0.0083	0.26	
100025803143	92260	CI	AN	S	4/9/2024	4/9/2024			100	1	N/A	16351247	0.0083	0.83	
100026569216	90029	CI	AN	S	9/13/2024	9/13/2024			257	1	N/A	13986109	0.0083	2.13	
100025607437	90255	CI	AN	S	5/15/2024	5/15/2024			136	1	N/A	13984146	0.0083	1.13	
100026832050	93277	CI	AN	S	11/20/2024	11/20/2024			325	1	N/A	14990405	0.0083	2.70	
100025452157	90701	CI	AN	S	5/30/2024	5/30/2024			151	1	N/A	16410233	0.0083	1.25	
100025779079	92867	CI	AN	S	6/22/2024	6/22/2024			174	1	N/A	16341459	0.0083	1.44	
100026647382	92253	R	AN	S	12/4/2024	12/4/2024			339	1	N/A	13984306	0.0083	2.82	
100024920674	90401	CI	AN	S	1/31/2024	1/31/2024			31	1	N/A	13618297	0.0083	0.26	
100025607523	90221	CI	AN	S	5/16/2024	5/16/2024			137	1	N/A	15534924	0.0083	1.14	
100026916412	93405	CI	AN	S	11/21/2024	11/21/2024			326	1	N/A	04752938	0.0083	2.71	
100026772815	92201	R	AN	S	12/17/2024	12/17/2024			352	1	N/A	15979844	0.0083	2.92	
100026424525	93454	CI	AN	S	9/30/2024	9/30/2024			274	1	N/A	16342003	0.0083	2.28	
100024927779	92868	CI	AN	S	6/1/2024	6/1/2024			153	1	N/A	16341472	0.0083	1.27	
100025621064	92677	R	AN	S	8/16/2024	8/16/2024			229	1	N/A	16410934	0.0083	1.90	
100025778764	90042	CI	AN	S	5/2/2024	5/2/2024			123	1	N/A	16382684	0.0083	1.02	
100025952252	93274	CI	AN	S	5/3/2024	5/3/2024			124	1	N/A	15922961	0.0083	1.03	
100026695546	91364	R	AN	S	10/25/2024	10/25/2024			299	1	N/A	16286898	0.0083	2.48	
100025862350	92861	R	AN	S	4/26/2024	4/26/2024			117	1	N/A	11030298	0.0083	0.97	
100025608073	90278	CI	AN	S	5/15/2024	5/15/2024			136	1	N/A	14006070	0.0083	1.13	
100026035848	93551	R	AN	S	5/20/2024	5/20/2024			141	1	N/A	12140757	0.0083	1.17	
100025947863	92274	CI	AN	S	5/3/2024	5/3/2024			124	1	N/A	16408705	0.0083	1.03	
100025452721	93215	CI	AN	S	3/1/2024	3/1/2024			61	1	N/A	16062607	0.0083	0.51	
100025649076	92806	CI	AN	S	3/11/2024	3/11/2024			71	1	N/A	16408341	0.0083	0.59	
100025452962	92656	R	AN	S	11/19/2024	11/19/2024			324	1	N/A	16342119	0.0083	2.69	
100025936135	92563	CI	AN	S	6/18/2024	6/18/2024			170	1	N/A	13617699	0.0083	1.41	
100026205884	92264	R	AN	S	6/19/2024	6/19/2024			171	1	N/A	16410476	0.0083	1.42	
100026798074	92324	CI	AN	S	11/14/2024	11/14/2024			319	1	N/A	14987676	0.0083	2.65	
100024931269	91403	CI	AN	S	1/9/2024	1/9/2024			9	1	N/A	15463172	0.0083	0.07	
100024929612	92612	CI	AN	S	1/4/2024	1/4/2024			4	1	N/A	16381719	0.0083	0.03	
100025260383	92870	CI	AN	S	2/20/2024	2/20/2024			51	1	N/A	16045532	0.0083	0.42	
100025936612	91105	R	AN	S	6/22/2024	6/22/2024			174	1	N/A	14945431	0.0083	1.44	
100026230760	92651	R	AN	S	7/9/2024	7/9/2024			191	1	N/A	11508871	0.0083	1.59	
100025184631	92325	CI	AN	S	2/12/2024	2/12/2024			43	1	N/A	16074503	0.0083	0.36	
100024929309	91331	CI	AN	S	1/17/2024	1/17/2024			17	1	N/A	16340204	0.0083	0.14	
100025538349	93454	CI	AN	S	2/20/2024	2/20/2024			51	1	N/A	16062581	0.0083	0.42	
100026723838	90744	CI	AN	S	10/23/2024	10/23/2024			297	1	N/A	15424515	0.0083	2.47	
100024929713	92253	R	AN	S	1/18/2024	1/18/2024			18	1	N/A	16293457	0.0083	0.15	
100026548916	93249	CI	AN	S	10/14/2024	10/14/2024			288	1	N/A	16409678	0.0083	2.39	
100026928016	90026	CI	AN	S	12/9/2024	12/9/2024			344	1	N/A	15618727	0.0083	2.86	
100026185984	91723	CI	AN	S	6/19/2024	6/19/2024			171	1	N/A	16351668	0.0083	1.42	
100025585455	93108	R	AN	S	2/27/2024	2/27/2024			58	1	N/A	11611032	0.0083	0.48	
100025644751	91767	CI	AN	S	3/8/2024	3/8/2024			68	1	N/A	16382015	0.0083	0.56	
100026458198	91767	CI	AN	S	8/21/2024	8/21/2024			234	1	N/A	15942976	0.0083	1.94	
100026725421	91362	CI	AN	S	10/23/2024	10/23/2024			297	1	N/A	15905866	0.0083	2.47	
100026279665	92882	CI	AN	S	8/14/2024	8/14/2024			227	1	N/A	10140229	0.0083	1.89	
100025331137	90210	CI	AN	S	1/23/2024	1/23/2024			23	1	N/A	16293496	0.0083	0.19	
100024754198	91786	CI	AN	S	6/18/2024	6/18/2024			170	1	N/A	13070660	0.0083	1.41	
100025621375	91352	CI	AN	S	5/13/2024	5/13/2024			134	1	N/A	16382317	0.0083	1.11	
100025625124	92262	CI	AN	S	3/6/2024	3/6/2024			66	1	N/A	16284802	0.0083	0.55	
100026573761	92260	R	AN	S	9/11/2024	9/11/2024			255	1	N/A	16410503	0.0083	2.12	
100026279975	93424	CI	AN	S	9/17/2024	9/17/2024			261	1	N/A	16341072	0.0083	2.17	
100025537195	90094	R	AN	S	2/20/2024	2/20/2024			51	1	N/A	14996609	0.0083	0.42	
100025607607	92562	R	AN	S	4/10/2024	4/10/2024			101	1	N/A	13984797	0.0083	0.84	
100027017439	93648	CI	AN	S	12/23/2024	12/23/2024			358	1	N/A	12082521	0.0083	2.97	
100026527890	92405	CI	AN	S	8/27/2024	8/27/2024			240	1	N/A	10279615	0.0083	1.99	
100025807522	92618	CI	AN	S	4/15/2024	4/15/2024			106	1	N/A	15921724	0.0083	0.88	
100025621723	92399	CI	AN	S	3/9/2024	3/9/2024			69	1	N/A	16408351	0.0083	0.57	
100025608140	91302	R	AN	S	4/11/2024	4/11/2024			102	1	N/A	16409380	0.0083	0.85	
100025797718	91768	R	AN	S	4/8/2024	4/8/2024			99	1	N/A	16060997	0.0083	0.82	
100025926090	90026	CI	AN	S	5/7/2024	5/7/2024			128	1	N/A	16351823	0.0083	1.06	
100026340319	92843	CI	AN	S	7/30/2024	7/30/2024			212	1	N/A	16339981	0.0083	1.76	
100025788480	90058	CI	AN	S	5/28/2024	5/28/2024			149	1	N/A	12666637	0.0083	1.24	
100026265862	91354	CI	AN	S	6/28/2024	6/28/2024			180	1	N/A	15536167	0.0083	1.49	
100026779084	92563	CI	AN	S	11/19/2024	11/19/2024			324	1	N/A	16410655	0.0083	2.69	
100025452699	91608	CI	AN	S	3/1/2024	3/1/2024			61	1	N/A	12317904	0.0083	0.51	
100026752711	90630	R	AN	S	11/6/2024	11/6/2024			311	1	N/A	10840687	0.0083	2.58	
100025453105	90713	CI	AN	S	10/8/2024	10/8/2024			282	1	N/A	15534983	0.0083	2.34	
100026677623	90404	CI	AN	S	10/10/2024	10/10/2024			284	1	N/A	15672729	0.0083	2.36	
100025778437	90027	R	AN	S	5/20/2024	5/20/2024			141	1	N/A	12141012	0.0083	1.17	
100025260800	92335	CI	AN	S	2/15/2024	2/15/2024			46	1	N/A	15906937	0.0083	0.38	
100025268073	90305	CI	AN	S	1/5/2024	1/5/2024			5	1	N/A	16351786	0.0083	0.04	
100026424736	90006	R	AN	S	9/11/2024	9/11/2024			255	1	N/A	16340881	0.0083	2.12	
100024919001	92337	CI	AN	S	1/18/2024	1/18/2024			18	1	N/A	16340035	0.0083	0.15	
100025603606	92683	CI	AN	S	10/24/2024	10/24/2024			298	1	N/A	16409091	0.0083	2.47	
100025260826	92570	CI	AN	S	2/2/2024	2/2/2024			33	1	N/A	13986607	0.0083	0.27	
100025446644	92509	CI	AN	S	3/16/2024	3/16/2024			76	1	N/A	16339740	0.0083	0.63	
100026424396	93003	R	AN	S	9/5/2024	9/5/2024			249	1	N/A	16409700	0.0083	2.07	
100024929251	91320	CI	AN	S	1/26/2024	1/26/2024			26	1	N/A	13425753	0.0083	0.22	
100027015686	92507	CI	AN	S	12/20/2024	12/20/2024			355	1	N/A	16427287	0.0083	2.95	
100025607370	90221	CI	AN	S	8/15/2024	8/15/2024			228	1	N/A	16341797	0.0083	1.89	
100026652986	92879	CI	AN	S	10/7/2024	10/7/2024			281	1	N/A	12758516	0.0083	2.33	
100025778777	90039	CI	AN	S	5/1/2024	5/1/2024			122	1	N/A	16411899	0.0083	1.01	
100025936748	93561	CI	AN	S	6/10/2024	6/10/2024			162	1	N/A	14989318	0.0083	1.35	
100026352301	90035	R	AN	S	7/22/2024	7/22/2024			204	1	N/A	14944897	0.0083	1.69	
100026549147	90650	CI	AN	S	10/10/2024	10/10/2024			284	1	N/A	16411581	0.0083	2.36	
100024929307	93308	CI	AN	S	1/25/2024	1/25/2024			25	1	N/A	16183045	0.0083	0.21	
100026253329	91706	CI	AN	S	6/25/2024	6/25/2024			177	1	N/A	16340345	0.0083	1.47	
100026127403	92602	R	AN	S	10/30/2024	10/30/2024			304	1	N/A	16341238	0.0083	2.52	
100025607252	92708	CI	AN	S	4/4/2024	4/4/2024			95	1	N/A	15871976	0.0083	0.79	
100026127235	93203	R	AN	S	7/8/2024	7/8/2024			190	1	N/A	16382343	0.0083	1.58	
100025261299	91403	R	AN	S	2/26/2024	2/26/2024			57	1	N/A	16248254	0.0083	0.47	
100026409878	90057	R	AN	S	8/6/2024	8/6/2024			219	1	N/A	15980599	0.0083	1.82	
100025607132	92821	CI	AN	S	4/23/2024	4/23/2024			114	1	N/A	16339980	0.0083	0.95	
100025433905	91730	CI	AN	S	1/30/2024	1/30/2024			30	1	N/A	15923446	0.0083	0.25	
100025778463	90211	CI	AN	S	5/1/2024	5/1/2024			122	1	N/A	16409236	0.0083	1.01	
100025261270	90272	R	AN	S	3/7/2024	3/7/2024			67	1	N/A	14989517	0.0083	0.56	
100025942626	92604	R	AN	S	5/1/2024	5/1/2024			122	1	N/A	13985457	0.0083	1.01	
100024927716	92704	CI	AN	S	1/26/2024	1/26/2024			26	1	N/A	14945096	0.0083	0.22	
100025271808	90241	R	AN	S	1/3/2024	1/3/2024			3	1	N/A	15943162	0.0083	0.02	
100025277454	92562	CI	AN	S	1/13/2024	1/13/2024			13	1	N/A	16408592	0.0083	0.11	
100025260423	90706	R	AN	S	5/16/2024	5/16/2024			137	1	N/A		0.0083	1.14	
100025608098	92660	R	AN	S	11/5/2024	11/5/2024			310	1	N/A	16342191	0.0083	2.57	
100025269102	90660	CI	AN	S	1/8/2024	1/8/2024			8	1	N/A	15670988	0.0083	0.07	
100025447232	92545	CI	AN	S	3/4/2024	3/4/2024			64	1	N/A	14989743	0.0083	0.53	
100025621688	92270	R	AN	S	5/11/2024	5/11/2024			132	1	N/A	16410621	0.0083	1.10	
100026758849	90069	R	AN	S	12/10/2024	12/10/2024			345	1	N/A	10818010	0.0083	2.86	
100026645440	91010	CI	AN	S	11/25/2024	11/25/2024			330	1	N/A	16454276	0.0083	2.74	
100026468477	92630	CI	AN	S	8/23/2024	8/23/2024			236	1	N/A	13382219	0.0083	1.96	
100025546715	91402	CI	AN	S	2/22/2024	2/22/2024			53	1	N/A	16043148	0.0083	0.44	
100025309551	91311	CI	AN	S	1/16/2024	1/16/2024			16	1	N/A	16086681	0.0083	0.13	
100026758803	90220	CI	AN	S	12/2/2024	12/2/2024			337	1	N/A	14990672	0.0083	2.80	
100026077479	90401	CI	AN	S	6/21/2024	6/21/2024			173	1	N/A	16408492	0.0083	1.44	
100026279835	93656	CI	AN	S	8/19/2024	8/19/2024			232	1	N/A	10273916	0.0083	1.93	
100026288167	93111	CI	AN	S	7/3/2024	7/3/2024			185	1	N/A	14988656	0.0083	1.54	
100026683753	92651	R	AN	S	10/21/2024	10/21/2024			295	1	N/A	14748652	0.0083	2.45	
100025926355	91763	R	AN	S	4/30/2024	4/30/2024			121	1	N/A	15923928	0.0083	1.00	
100024928628	91702	CI	AN	S	1/10/2024	1/10/2024			10	1	N/A	16145299	0.0083	0.08	
100025811128	91768	CI	AN	S	4/10/2024	4/10/2024			101	1	N/A	16412236	0.0083	0.84	
100026279996	91355	CI	AN	S	8/9/2024	8/9/2024			222	1	N/A	16411702	0.0083	1.84	
100026641107	90056	CI	AN	S	10/15/2024	10/15/2024			289	1	N/A	13990726	0.0083	2.40	
100025548106	90049	CI	AN	S	3/29/2024	3/29/2024			89	1	N/A	14988056	0.0083	0.74	
100025445506	91103	CI	AN	S	9/18/2024	9/18/2024			262	1	N/A	16410291	0.0083	2.18	
100025296851	93441	CI	AN	S	1/9/2024	1/9/2024			9	1	N/A	15536238	0.0083	0.07	
100025778886	91405	CI	AN	S	5/8/2024	5/8/2024			129	1	N/A	16340656	0.0083	1.07	
100025626107	92886	CI	AN	S	3/13/2024	3/13/2024			73	1	N/A	12774565	0.0083	0.61	
100025886213	92220	CI	AN	S	5/13/2024	5/13/2024			134	1	N/A	13619151	0.0083	1.11	
100025918939	92518	CI	AN	S	6/28/2024	6/28/2024			180	1	N/A	12317848	0.0083	1.49	
100024929585	91762	CI	AN	S	1/13/2024	1/13/2024			13	1	N/A	16339952	0.0083	0.11	
100026622715	92604	CI	AN	S	9/26/2024	9/26/2024			270	1	N/A	16142394	0.0083	2.24	
100024931221	90049	R	AN	S	3/26/2024	3/26/2024			86	1	N/A	16381509	0.0083	0.71	
100026949598	91361	CI	AH	S	12/13/2024	12/13/2024			348	1	N/A	16073245	0.2544	88.53	
100025621651	92253	R	AN	S	5/11/2024	5/11/2024			132	1	N/A	16410840	0.0083	1.10	
100026545030	90650	CI	AN	S	10/10/2024	10/10/2024			284	1	N/A	16411581	0.0083	2.36	
100026647002	92707	CI	AN	S	12/3/2024	12/3/2024			338	1	N/A	15578029	0.0083	2.81	
100025965209	93206	CI	AN	S	5/7/2024	5/7/2024			128	1	N/A	12588601	0.0083	1.06	
100026908600	91739	CI	AH	S	11/29/2024	11/29/2024			334	1	N/A	16342029	0.2544	84.97	
100026909824	90005	R	AN	S	12/2/2024	12/2/2024			337	1	N/A	15619069	0.0083	2.80	
100026277653	92655	R	AN	S	8/1/2024	8/1/2024			214	1	N/A	10795703	0.0083	1.78	
100025779038	92780	CI	AN	S	10/4/2024	10/4/2024			278	1	N/A	16342279	0.0083	2.31	
100025778870	93308	CI	AN	S	5/13/2024	5/13/2024			134	1	N/A	15672664	0.0083	1.11	
100025620976	90703	CI	AN	S	6/15/2024	6/15/2024			167	1	N/A	16411053	0.0083	1.39	
100026424050	92610	CI	AN	S	9/24/2024	9/24/2024			268	1	N/A	16411762	0.0083	2.23	
100026127453	92264	R	AN	S	7/5/2024	7/5/2024			187	1	N/A	16341298	0.0083	1.55	
100026424813	91436	R	AN	S	9/17/2024	9/17/2024			261	1	N/A	16411905	0.0083	2.17	
100026424111	92805	CI	AN	S	9/4/2024	9/4/2024			248	1	N/A	16341969	0.0083	2.06	
100024928728	92220	CI	AN	S	1/18/2024	1/18/2024			18	1	N/A	16248679	0.0083	0.15	
100025297276	90503	CI	AN	S	2/22/2024	2/22/2024			53	1	N/A	14005514	0.0083	0.44	
100025632513	92780	CI	AN	S	3/29/2024	3/29/2024			89	1	N/A	16382279	0.0083	0.74	
100025370531	90280	CI	AN	S	3/8/2024	3/8/2024			68	1	N/A	16284841	0.0083	0.56	
100026424787	92543	CI	AN	S	9/19/2024	9/19/2024			263	1	N/A	16409881	0.0083	2.18	
100026055879	92503	CI	AN	S	6/19/2024	6/19/2024			171	1	N/A	15924487	0.0083	1.42	
100026758797	92705	R	AN	S	12/12/2024	12/12/2024			347	1	N/A	16342524	0.0083	2.88	
100026431577	92509	CI	AN	S	8/16/2024	8/16/2024			229	1	N/A	14989525	0.0083	1.90	
100025936172	92376	CI	AN	S	6/18/2024	6/18/2024			170	1	N/A	16340368	0.0083	1.41	
100025415590	92647	CI	AN	S	1/29/2024	1/29/2024			29	1	N/A	16408577	0.0083	0.24	
100024929548	93247	CI	AN	S	1/26/2024	1/26/2024			26	1	N/A	16248409	0.0083	0.22	
100025931974	92679	R	AN	S	9/27/2024	9/27/2024			271	1	N/A	14945398	0.0083	2.25	
100025607957	91423	R	AN	S	4/8/2024	4/8/2024			99	1	N/A	16340192	0.0083	0.82	
100026536896	91301	CI	AN	S	8/30/2024	8/30/2024			243	1	N/A	10842418	0.0083	2.02	
100026272217	90631	R	AN	S	8/6/2024	8/6/2024			219	1	N/A	15619113	0.0083	1.82	
100025368091	92648	CI	AN	S	1/29/2024	1/29/2024			29	1	N/A	13617792	0.0083	0.24	
100025683668	90201	CI	AN	S	3/18/2024	3/18/2024			78	1	N/A	12994112	0.0083	0.65	
100025524999	91020	CI	AN	S	2/16/2024	2/16/2024			47	1	N/A	16408562	0.0083	0.39	
100025779122	90024	R	AN	S	5/8/2024	5/8/2024			129	1	N/A	16409320	0.0083	1.07	
100025272152	92532	CI	AN	S	1/3/2024	1/3/2024			3	1	N/A	16248984	0.0083	0.02	
100025482285	92336	R	AN	S	4/16/2024	4/16/2024			107	1	N/A	16381659	0.0083	0.89	
100025991278	92617	CI	AN	S	5/20/2024	5/20/2024			141	1	N/A	15906245	0.0083	1.17	
100025363353	90631	CI	AN	S	1/29/2024	1/29/2024			29	1	N/A	16408552	0.0083	0.24	
100025761696	90007	CI	AN	S	7/17/2024	7/17/2024			199	1	N/A	13485284	0.0083	1.65	
100025266822	90292	CI	AN	S	1/5/2024	1/5/2024			5	1	N/A	13485352	0.0083	0.04	
100026127112	91321	CI	AN	S	8/2/2024	8/2/2024			215	1	N/A	16248660	0.0083	1.79	
100025803357	90026	R	AN	S	4/22/2024	4/22/2024			113	1	N/A	15942817	0.0083	0.94	
100026577420	92660	CI	AN	S	9/18/2024	9/18/2024			262	1	N/A	15578036	0.0083	2.18	
100026633838	92234	R	AN	S	9/27/2024	9/27/2024			271	1	N/A	05025083	0.0083	2.25	
100026548670	92591	R	AN	S	10/10/2024	10/10/2024			284	1	N/A	14989680	0.0083	2.36	
100025877024	92660	CI	AN	S	5/15/2024	5/15/2024			136	1	N/A	16410877	0.0083	1.13	
100025647723	92253	R	AN	S	3/11/2024	3/11/2024			71	1	N/A	15739598	0.0083	0.59	
100025260644	90016	CI	AN	S	3/29/2024	3/29/2024			89	1	N/A	16409360	0.0083	0.74	
100025408052	92545	CI	AN	S	1/26/2024	1/26/2024			26	1	N/A	15924379	0.0083	0.22	
100025452501	93544	CI	AN	S	3/5/2024	3/5/2024			65	1	N/A	16086928	0.0083	0.54	
100026474300	91355	CI	AN	S	8/15/2024	8/15/2024			228	1	N/A	15739100	0.0083	1.89	
100025345437	92570	CI	AN	S	1/18/2024	1/18/2024			18	1	N/A	16145408	0.0083	0.15	
100026835779	92203	R	AN	S	11/22/2024	11/22/2024			327	1	N/A	11056424	0.0083	2.72	
100025481817	93308	CI	AN	S	2/7/2024	2/7/2024			38	1	N/A	15922442	0.0083	0.32	
100025255539	90008	CI	AN	S	2/1/2024	2/1/2024			32	1	N/A	13619222	0.0083	0.27	
100025925761	92253	R	AN	S	4/30/2024	4/30/2024			121	1	N/A	12082245	0.0083	1.00	
100024920485	92270	R	AN	S	1/2/2024	1/2/2024			2	1	N/A	16340188	0.0083	0.02	
100025621265	90249	CI	AN	S	5/9/2024	5/9/2024			130	1	N/A	16351663	0.0083	1.08	
100026788023	91746	CI	AN	S	11/18/2024	11/18/2024			323	1	N/A	10933389	0.0083	2.68	
100025637657	92614	CI	AN	S	6/12/2024	6/12/2024			164	1	N/A	13484065	0.0083	1.36	
100025935878	92626	CI	AN	S	11/7/2024	11/7/2024			312	1	N/A	16341904	0.0083	2.59	
100025936165	92313	CI	AN	S	6/11/2024	6/11/2024			163	1	N/A	16351096	0.0083	1.35	
100026274791	92657	CI	AN	S	8/6/2024	8/6/2024			219	1	N/A	16410205	0.0083	1.82	
100026036103	93270	CI	AN	S	5/20/2024	5/20/2024			141	1	N/A	16339778	0.0083	1.17	
100025280027	93003	CI	AH	S	1/4/2024	1/4/2024			4	1	N/A	14988256	0.2544	1.02	
100025560803	93454	CI	AN	S	4/3/2024	4/3/2024			94	1	N/A	15980538	0.0083	0.78	
100025452273	90005	CI	AN	S	3/14/2024	3/14/2024			74	1	N/A	14466848	0.0083	0.61	
100026758784	90241	CI	AN	S	12/5/2024	12/5/2024			340	1	N/A	16382633	0.0083	2.82	
100026674356	90022	CI	AN	S	10/9/2024	10/9/2024			283	1	N/A	12588000	0.0083	2.35	
100026970271	92683	CI	AN	S	12/19/2024	12/19/2024			354	1	N/A	16382280	0.0083	2.94	
100025936040	90245	CI	AN	S	6/27/2024	6/27/2024			179	1	N/A	13070657	0.0083	1.49	
100025260554	90007	CI	AN	S	2/20/2024	2/20/2024			51	1	N/A	16339630	0.0083	0.42	
100026279858	93224	CI	AN	S	8/7/2024	8/7/2024			220	1	N/A	16351886	0.0083	1.83	
100026815594	90028	CI	AN	S	11/21/2024	11/21/2024			326	1	N/A	16248392	0.0083	2.71	
100025761442	92660	R	AN	S	4/3/2024	4/3/2024			94	1	N/A	16182688	0.0083	0.78	
100026125712	92567	CI	AN	S	8/5/2024	8/5/2024			218	1	N/A	13985019	0.0083	1.81	
100025601738	90077	R	AN	S	4/19/2024	4/19/2024			110	1	N/A	16409420	0.0083	0.91	
100025341215	93420	CI	AN	S	1/17/2024	1/17/2024			17	1	N/A	16144729	0.0083	0.14	
100026414701	92868	CI	AN	S	8/6/2024	8/6/2024			219	1	N/A	15672258	0.0083	1.82	
100025507309	91710	R	AN	S	2/21/2024	2/21/2024			52	1	N/A	15924311	0.0083	0.43	
100025791468	92831	CI	AN	S	4/9/2024	4/9/2024			100	1	N/A	15424082	0.0083	0.83	
100026125805	93706	CI	AN	S	7/17/2024	7/17/2024			199	1	N/A	16182384	0.0083	1.65	
100025936416	91411	CI	AN	S	8/13/2024	8/13/2024			226	1	N/A	16142842	0.0083	1.88	
100026561200	93308	CI	AN	S	9/5/2024	9/5/2024			249	1	N/A	14989321	0.0083	2.07	
100025260727	92881	CI	AN	S	2/26/2024	2/26/2024			57	1	N/A	14990053	0.0083	0.47	
100025621699	92210	R	AN	S	7/16/2024	7/16/2024			198	1	N/A	16411384	0.0083	1.64	
100026108030	91001	R	AN	S	5/30/2024	5/30/2024			151	1	N/A	16340566	0.0083	1.25	
100026089602	92262	CI	AN	S	5/28/2024	5/28/2024			149	1	N/A	16284802	0.0083	1.24	
100024928184	90250	R	AN	S	3/16/2024	3/16/2024			76	1	N/A	14989983	0.0083	0.63	
100026280008	93311	CI	AN	S	8/28/2024	8/28/2024			241	1	N/A	16340874	0.0083	2.00	
100026292363	90247	CI	AN	S	7/2/2024	7/2/2024			184	1	N/A	16248909	0.0083	1.53	
100026125258	92707	CI	AN	S	11/20/2024	11/20/2024			325	1	N/A	16342541	0.0083	2.70	
100025452227	90272	R	AN	S	3/5/2024	3/5/2024			65	1	N/A	13986630	0.0083	0.54	
100024928754	92262	R	AN	S	1/3/2024	1/3/2024			3	1	N/A	16381886	0.0083	0.02	
100025453368	90230	CI	AN	S	3/7/2024	3/7/2024			67	1	N/A	08567906	0.0083	0.56	
100025779142	90292	R	AN	S	5/15/2024	5/15/2024			136	1	N/A	16340487	0.0083	1.13	
100025621728	92591	R	AN	S	3/29/2024	3/29/2024			89	1	N/A	16408505	0.0083	0.74	
100025389533	92706	R	AN	S	1/31/2024	1/31/2024			31	1	N/A	12664430	0.0083	0.26	
100026279518	92867	CI	AN	S	8/7/2024	8/7/2024			220	1	N/A	16410321	0.0083	1.83	
100025452141	92703	CI	AN	S	3/15/2024	3/15/2024			75	1	N/A	16340818	0.0083	0.62	
100025778789	91203	CI	AN	S	5/7/2024	5/7/2024			128	1	N/A	16411531	0.0083	1.06	
100026137611	90094	R	AN	S	6/5/2024	6/5/2024			157	1	N/A	15536805	0.0083	1.30	
100025433752	91105	CI	AN	S	5/21/2024	5/21/2024			142	1	N/A	08571539	0.0083	1.18	
100025935815	90049	R	AN	S	6/28/2024	6/28/2024			180	1	N/A	16409311	0.0083	1.49	
100026180935	90245	CI	AN	S	6/12/2024	6/12/2024			164	1	N/A	15906059	0.0083	1.36	
100026975788	90016	CI	AN	S	12/19/2024	12/19/2024			354	1	N/A	16142032	0.0083	2.94	
100026911493	92870	CI	AN	S	12/12/2024	12/12/2024			347	1	N/A	12867260	0.0083	2.88	
100026452131	93648	CI	AN	S	8/8/2024	8/8/2024			221	1	N/A	13985493	0.0083	1.84	
100026647082	90012	CI	AN	S	11/12/2024	11/12/2024			317	1	N/A	16428099	0.0083	2.63	
100026479052	92509	CI	AN	S	8/16/2024	8/16/2024			229	1	N/A	14989525	0.0083	1.90	
100024927892	90241	CI	AN	S	1/11/2024	1/11/2024			11	1	N/A	15672510	0.0083	0.09	
100025952384	91331	R	AN	S	5/6/2024	5/6/2024			127	1	N/A	15424669	0.0083	1.05	
100025629196	91773	CI	AN	S	3/12/2024	3/12/2024			72	1	N/A	15923888	0.0083	0.60	
100025413457	93535	CI	AN	S	1/26/2024	1/26/2024			26	1	N/A	11151398	0.0083	0.22	
100025510099	92544	R	AN	S	2/14/2024	2/14/2024			45	1	N/A	15424394	0.0083	0.37	
100025607388	90027	CI	AN	S	4/11/2024	4/11/2024			102	1	N/A	16409243	0.0083	0.85	
100025525124	90265	R	AN	S	2/16/2024	2/16/2024			47	1	N/A	16292893	0.0083	0.39	
100025963237	90402	CI	AN	S	5/17/2024	5/17/2024			138	1	N/A	13484474	0.0083	1.15	
100026548839	93291	CI	AN	S	10/1/2024	10/1/2024			275	1	N/A	12867258	0.0083	2.28	
100025242181	92660	R	AN	S	1/2/2024	1/2/2024			2	1	N/A	16341726	0.0083	0.02	
100025932502	92253	R	AN	S	6/10/2024	6/10/2024			162	1	N/A	16340611	0.0083	1.35	
100026111714	92253	CI	AN	S	6/6/2024	6/6/2024			158	1	N/A	15979899	0.0083	1.31	
100026760131	91302	R	AN	S	11/4/2024	11/4/2024			309	1	N/A	15577304	0.0083	2.57	
100026424474	93292	CI	AN	S	9/17/2024	9/17/2024			261	1	N/A	14990913	0.0083	2.17	
100024929489	91423	CI	AN	S	1/18/2024	1/18/2024			18	1	N/A	16340134	0.0083	0.15	

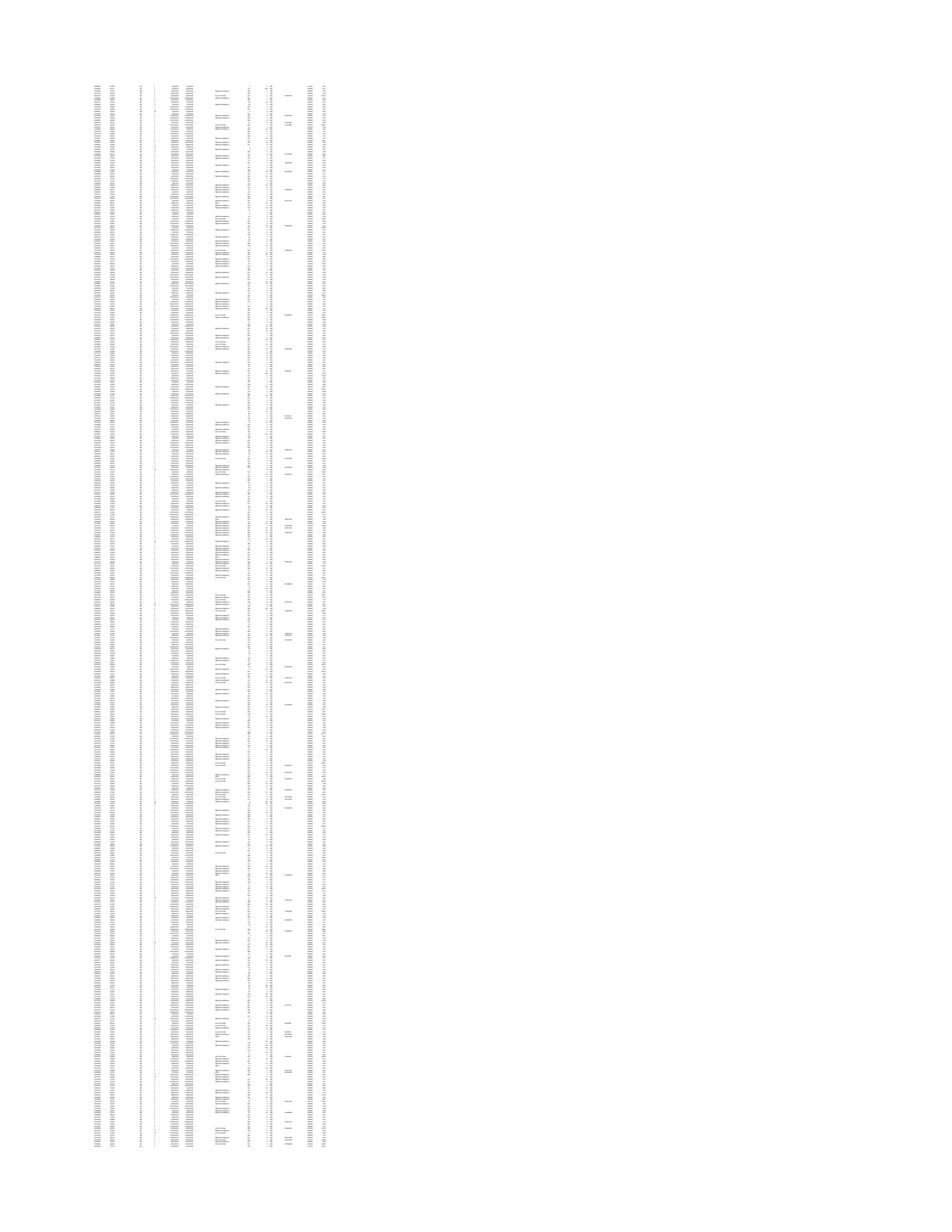


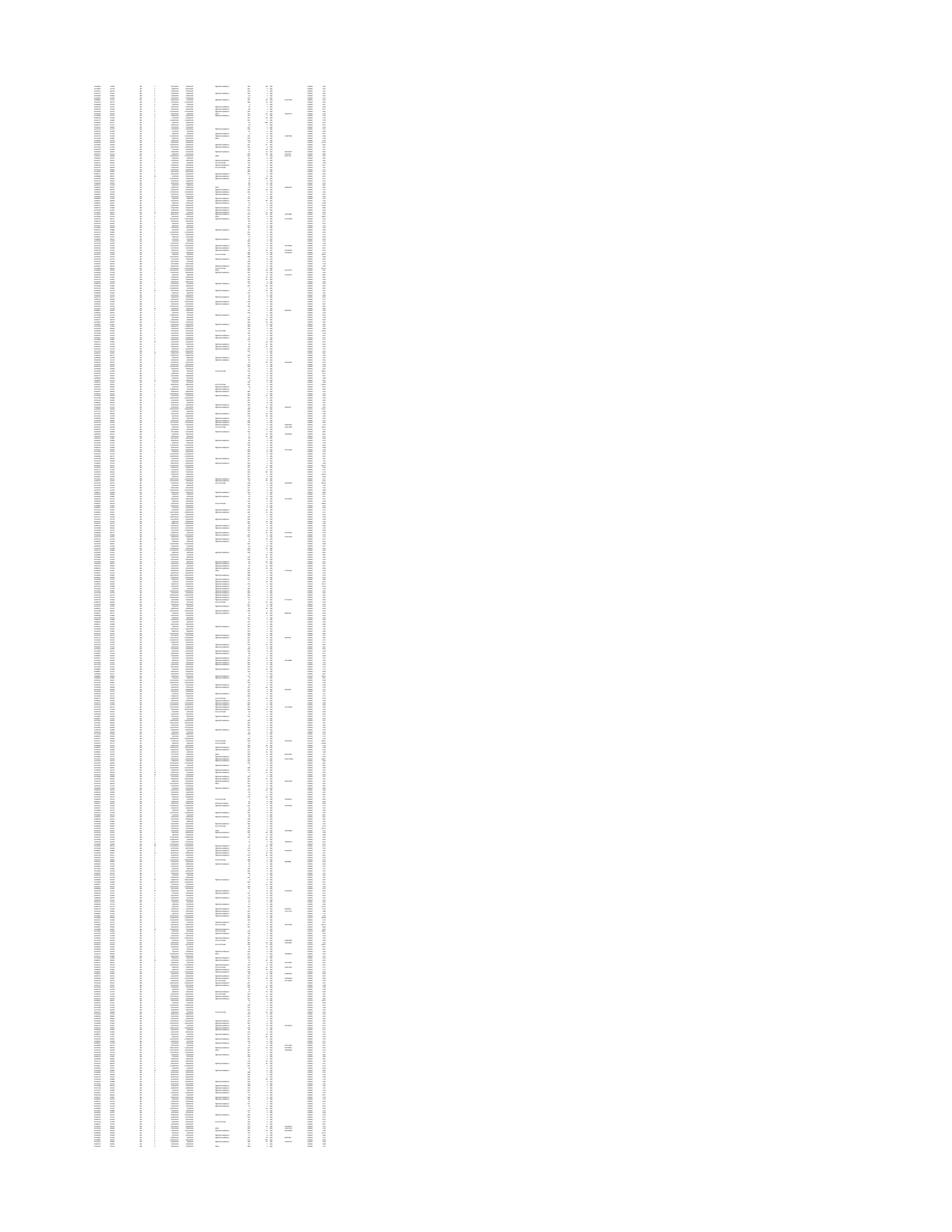


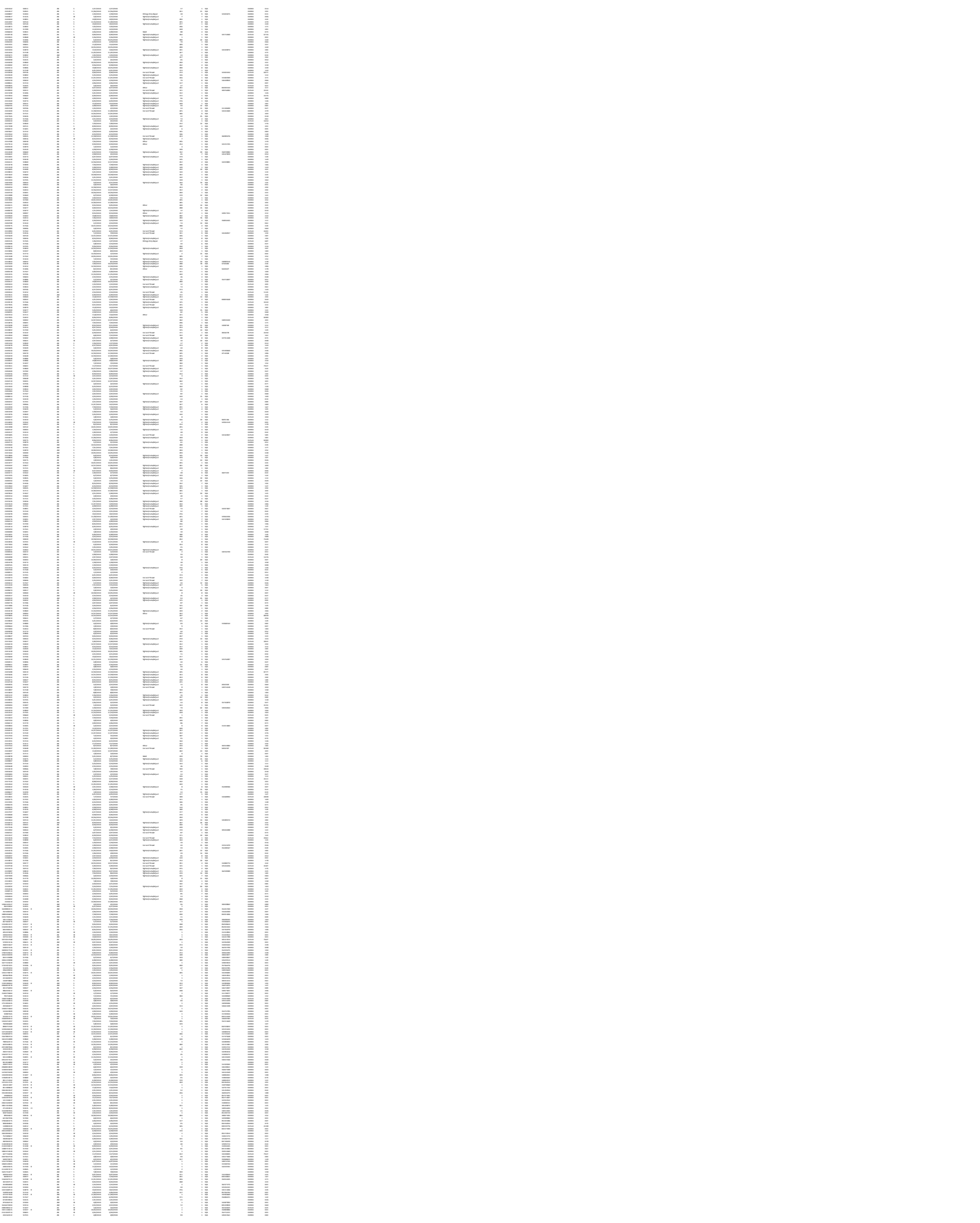


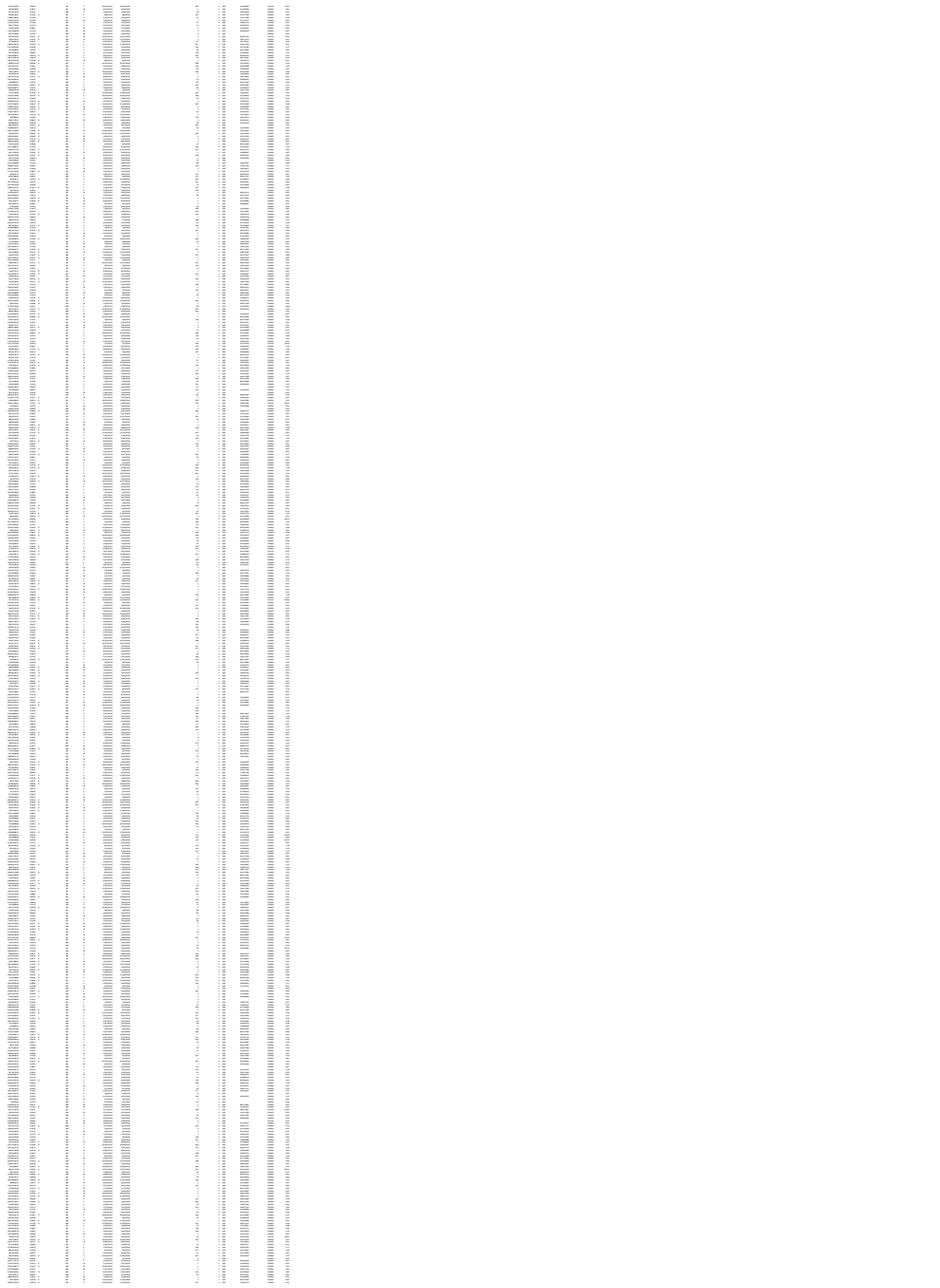


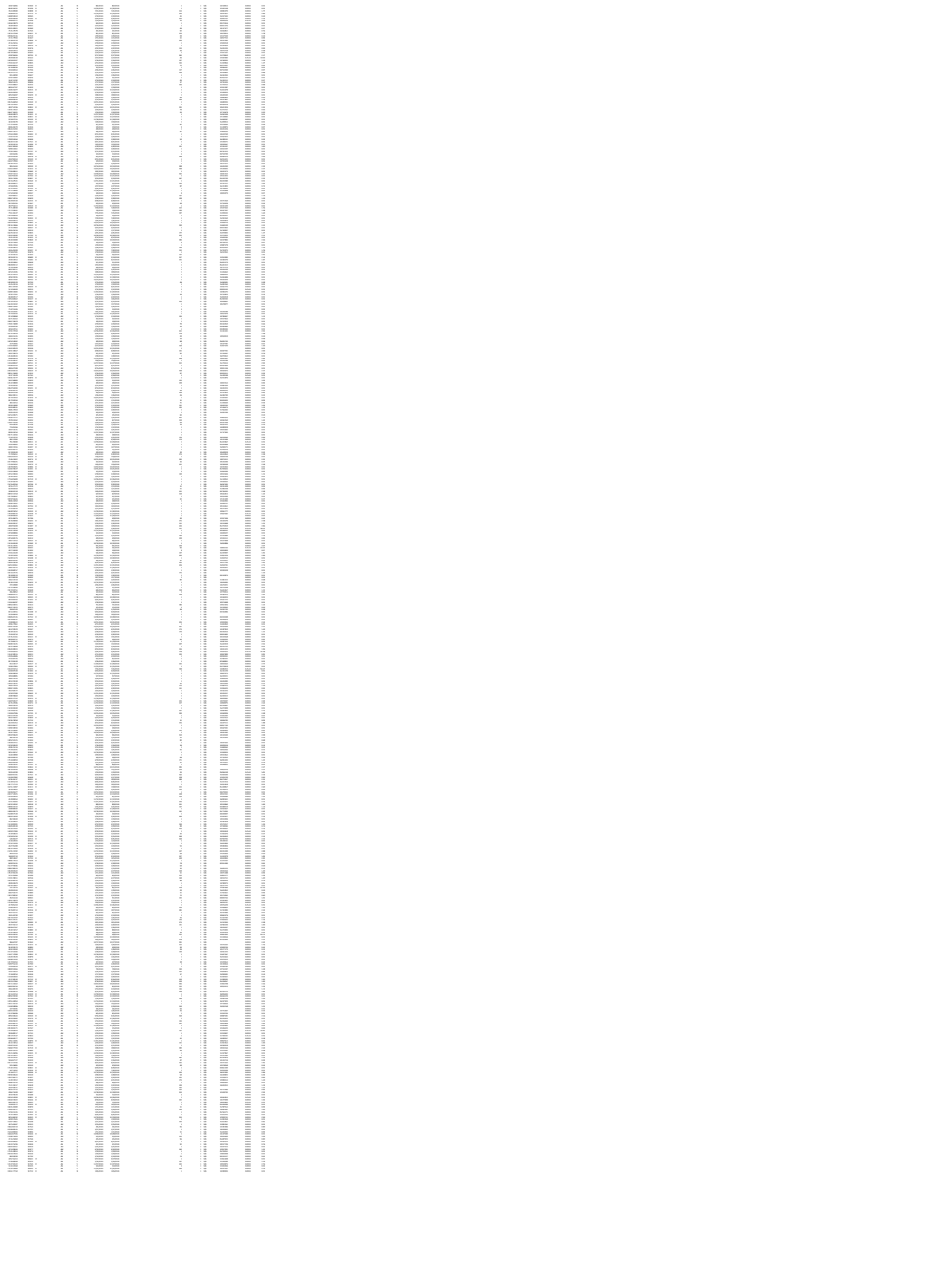


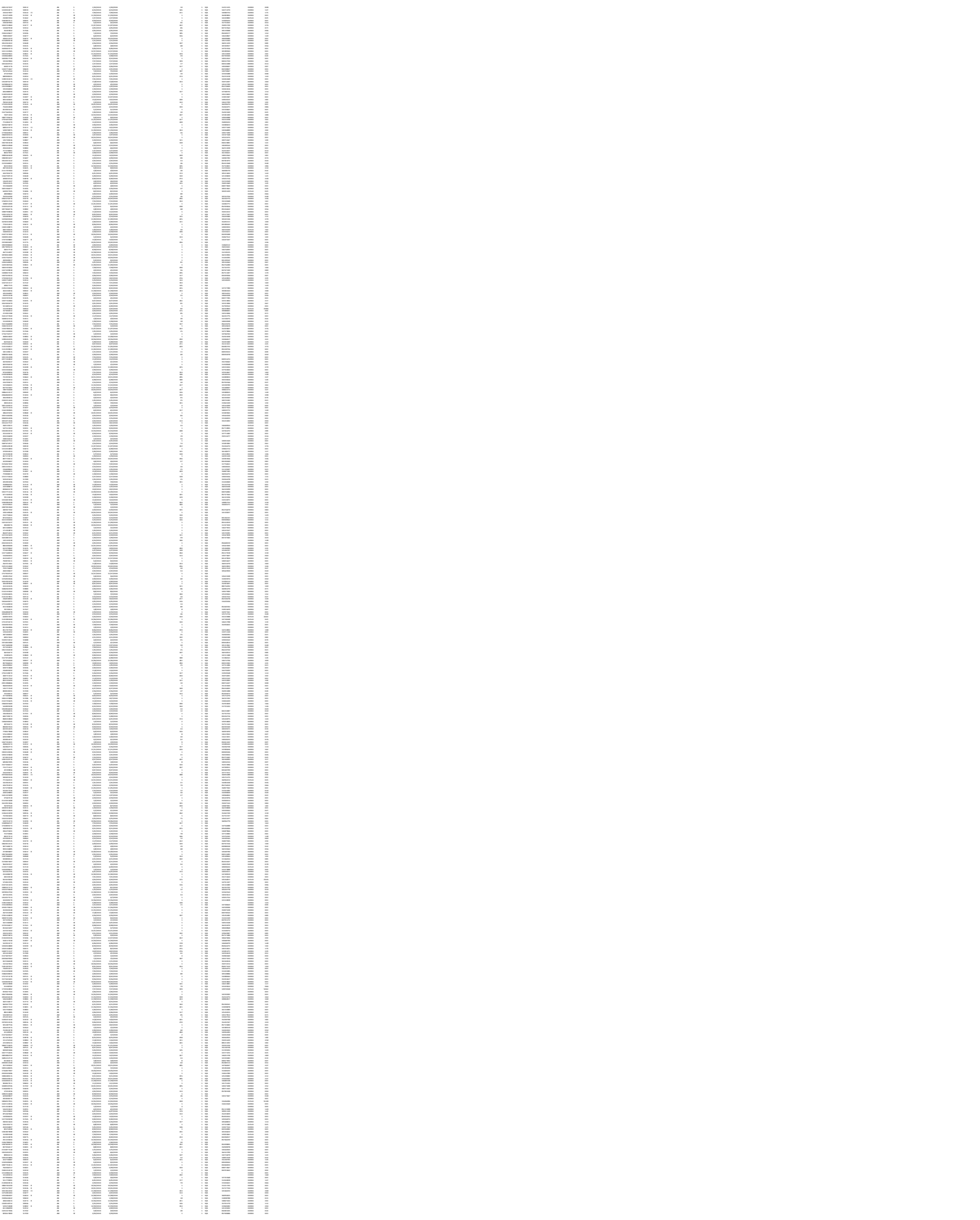


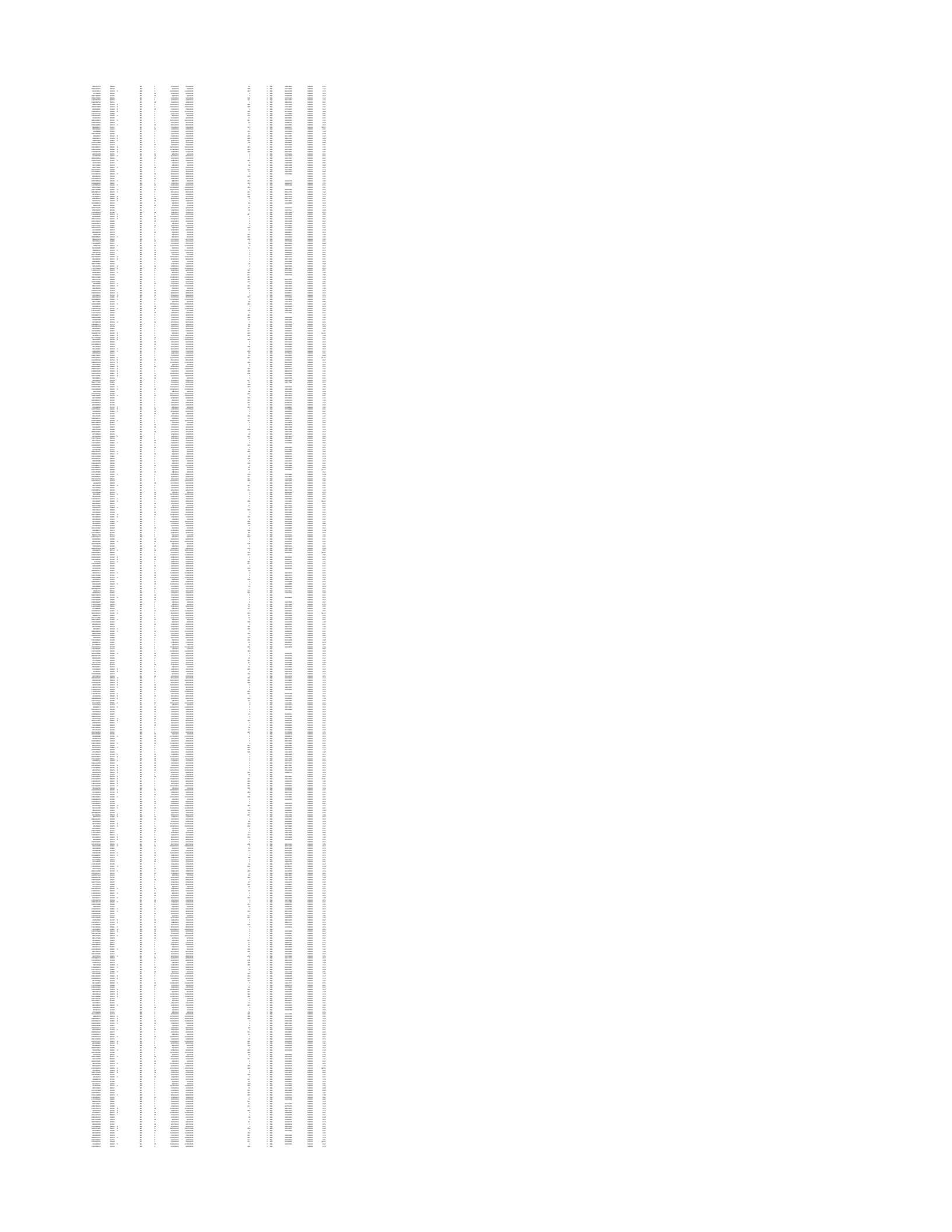


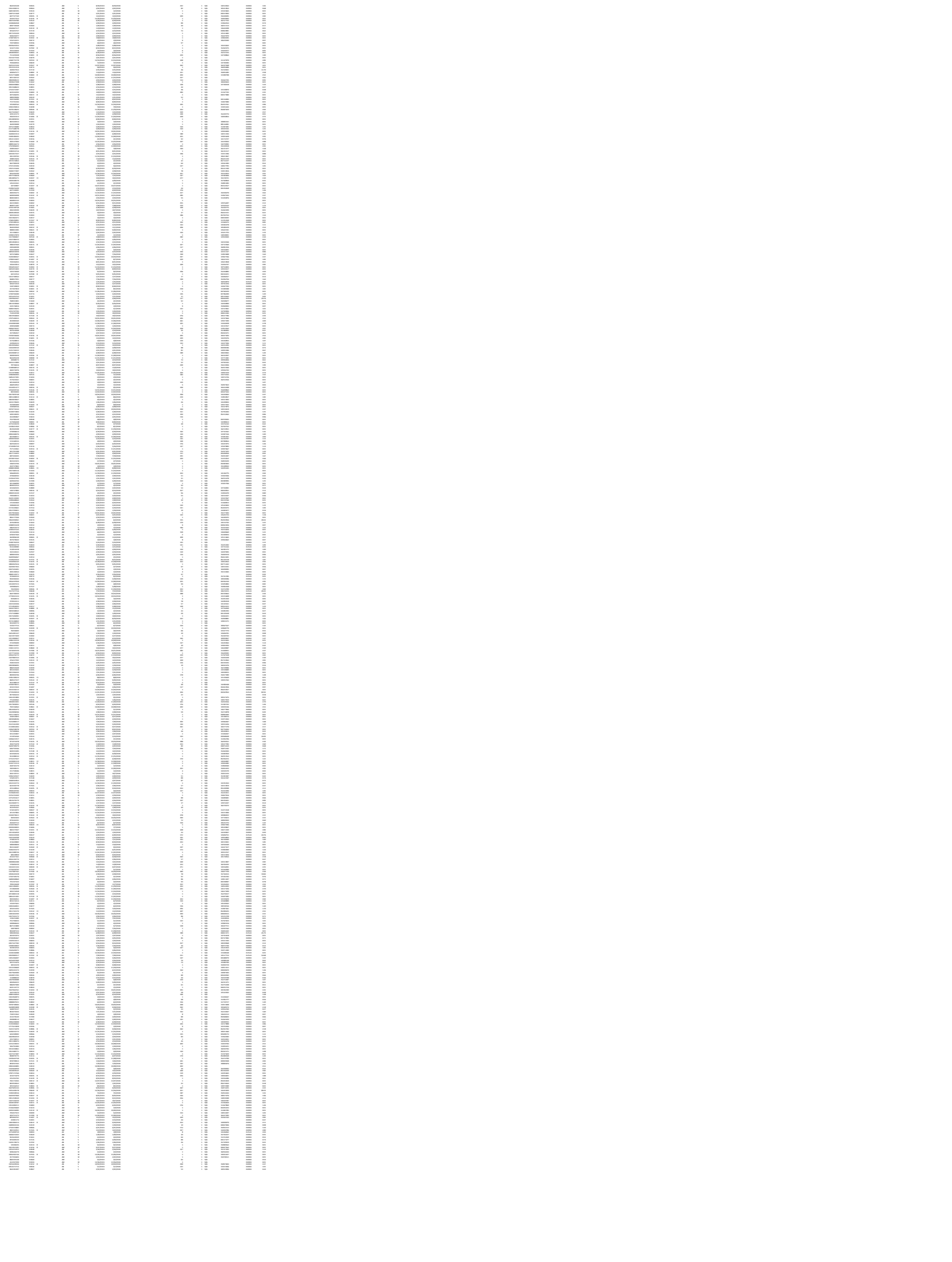


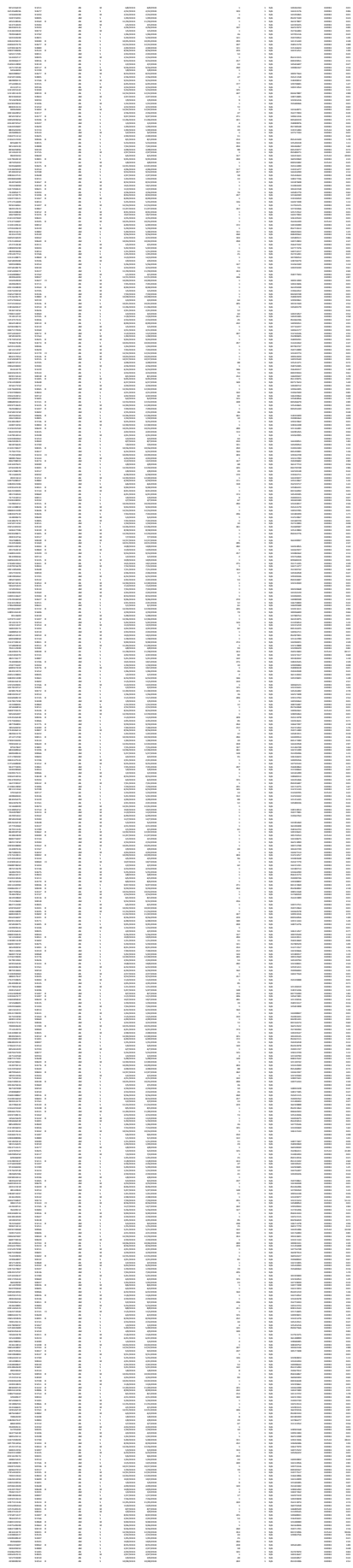


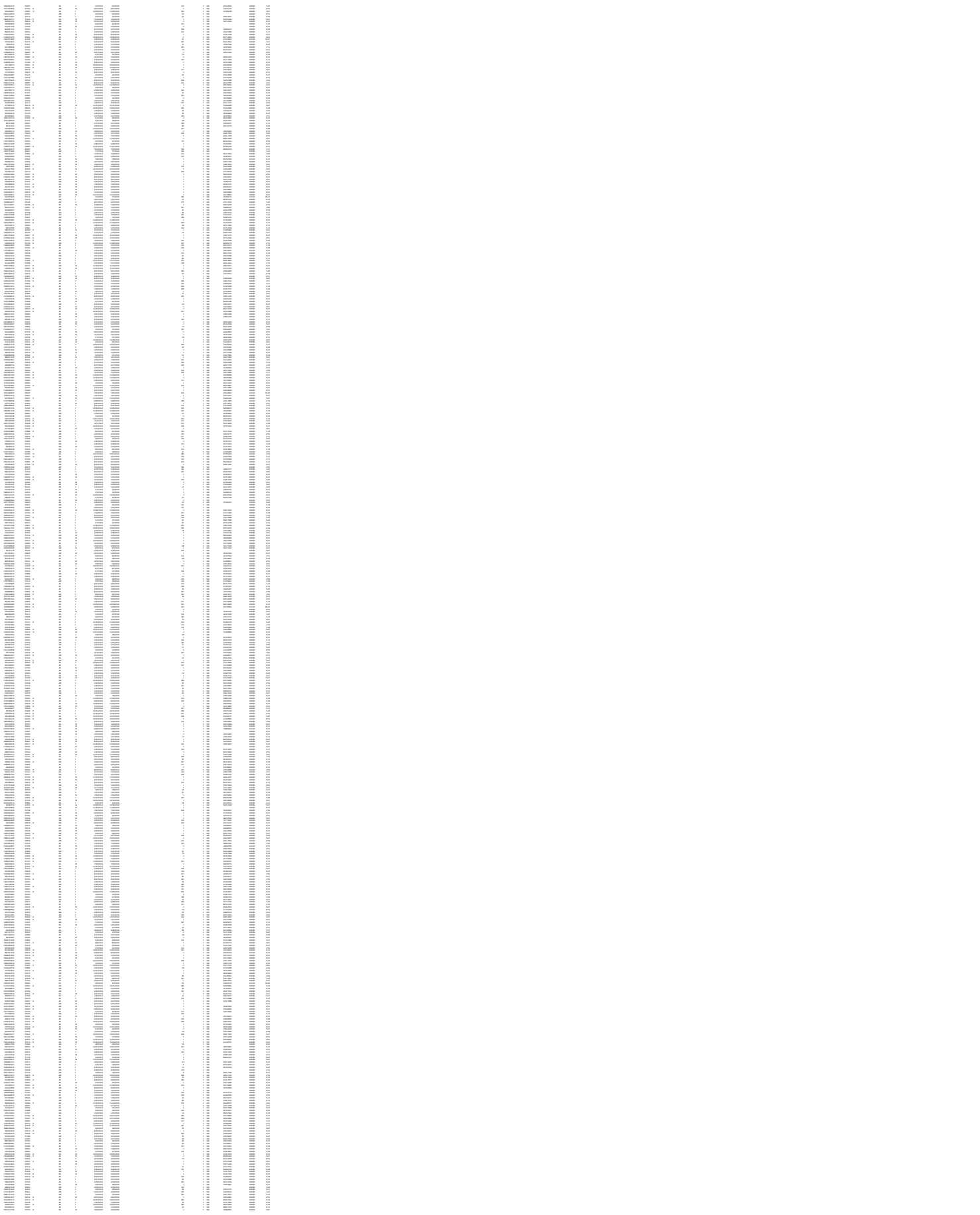


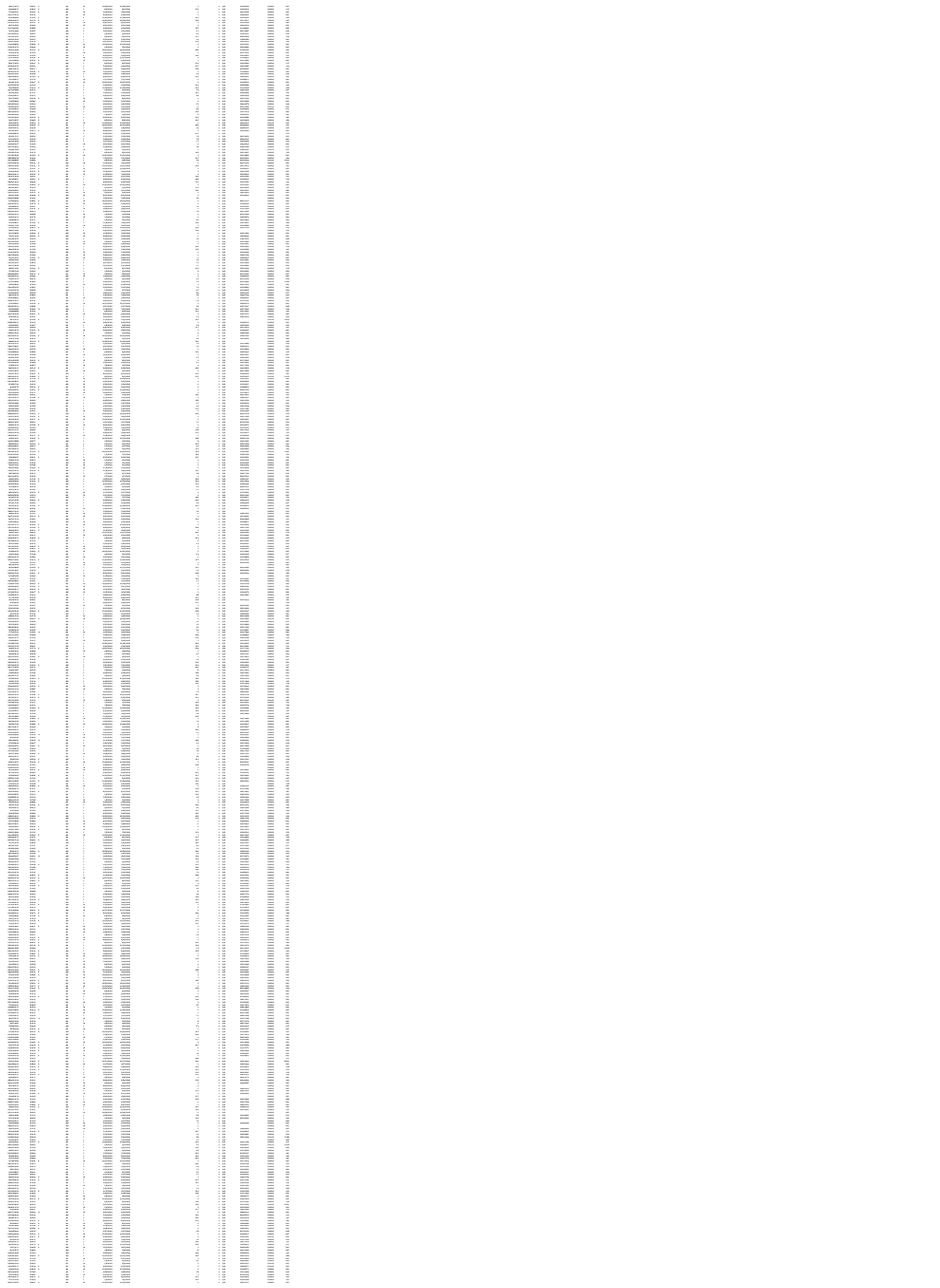


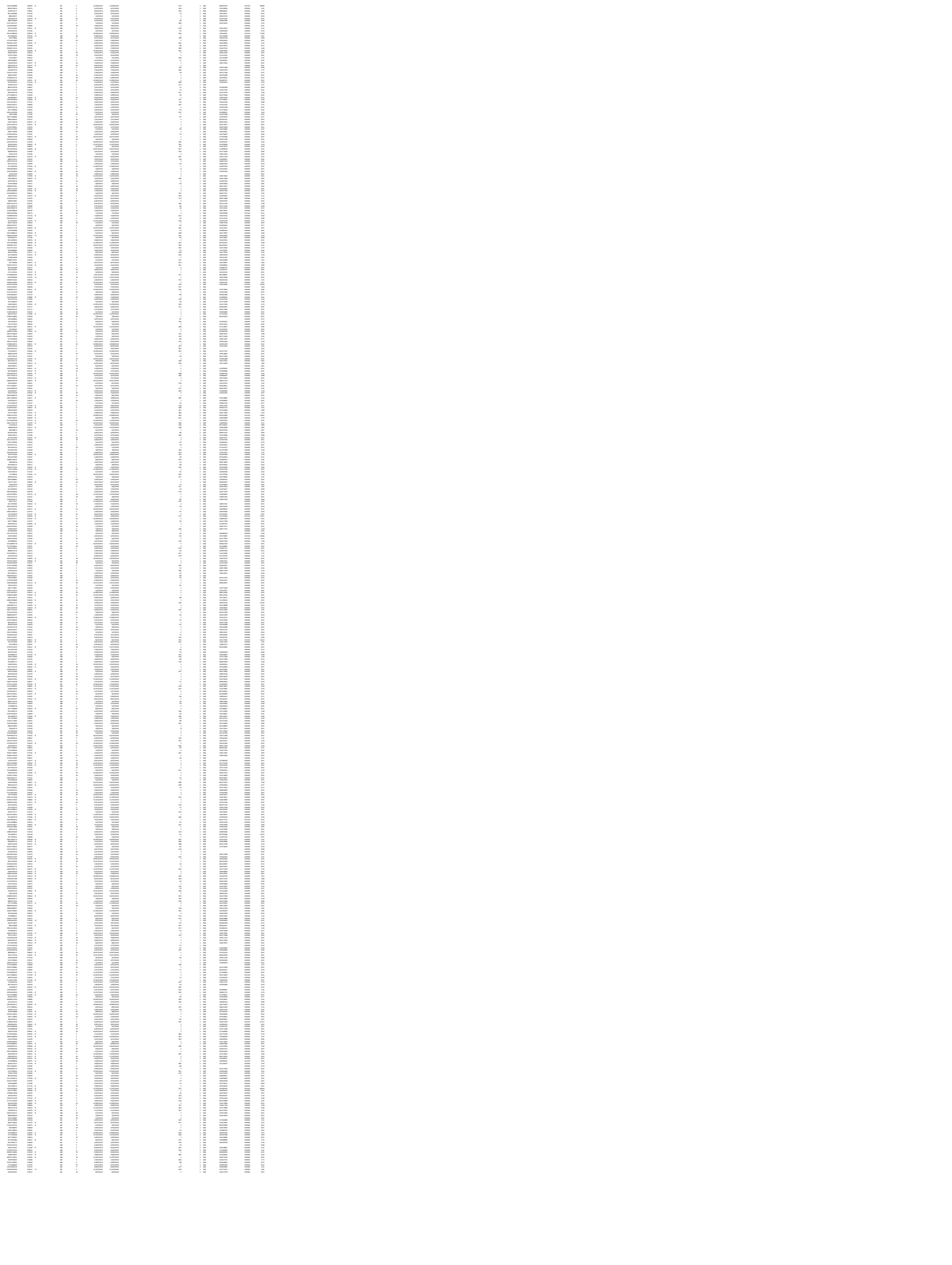


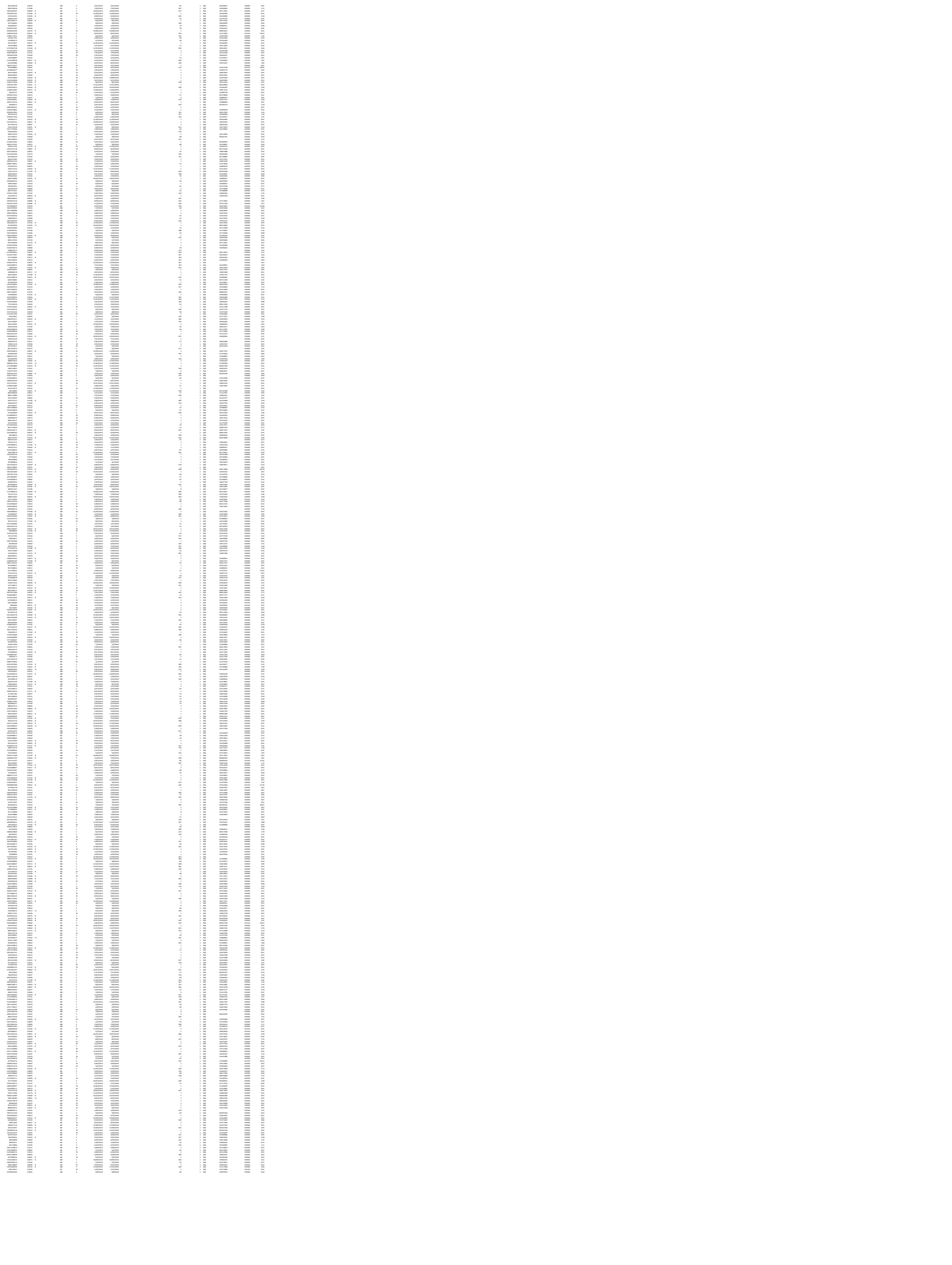


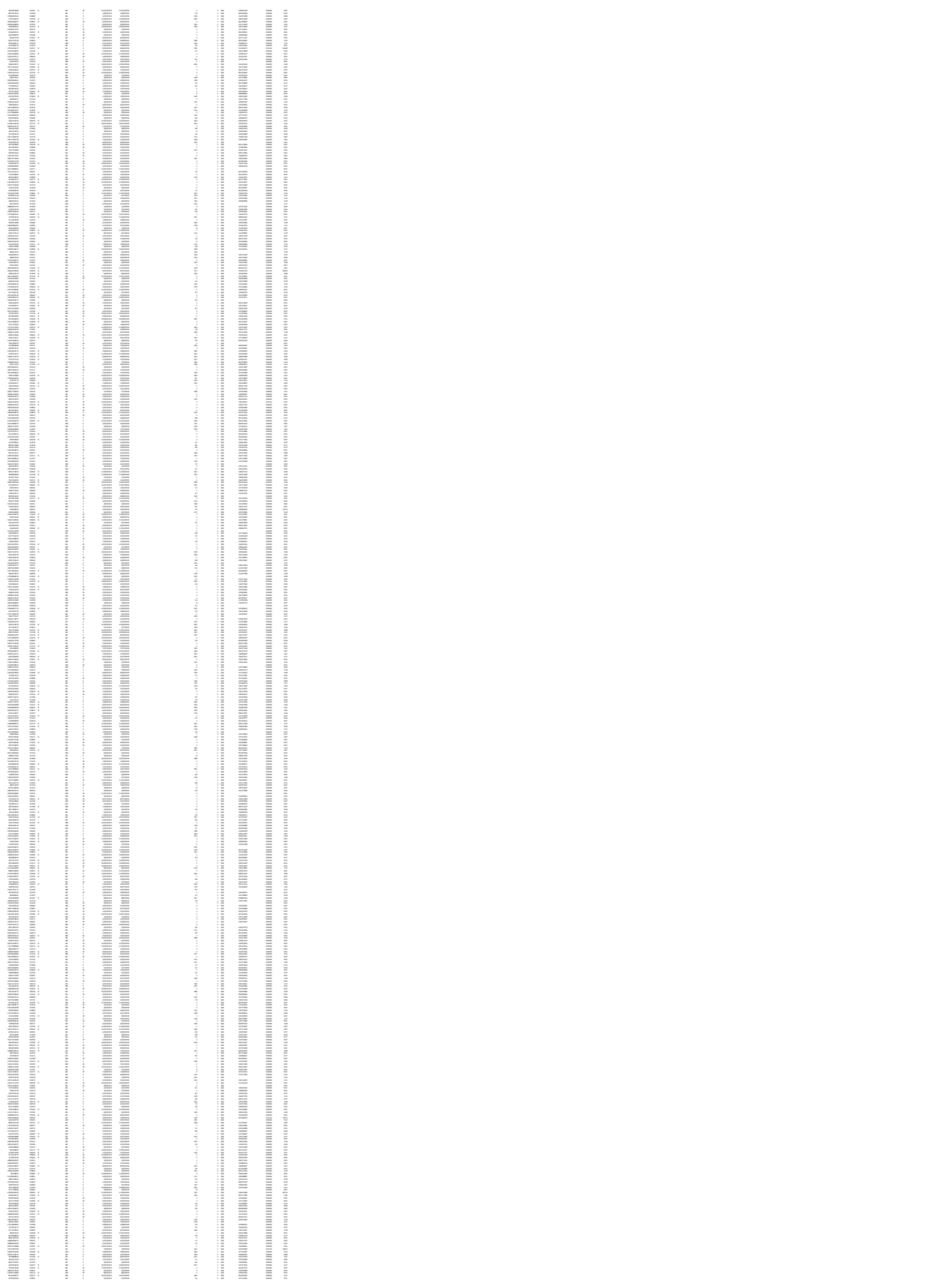


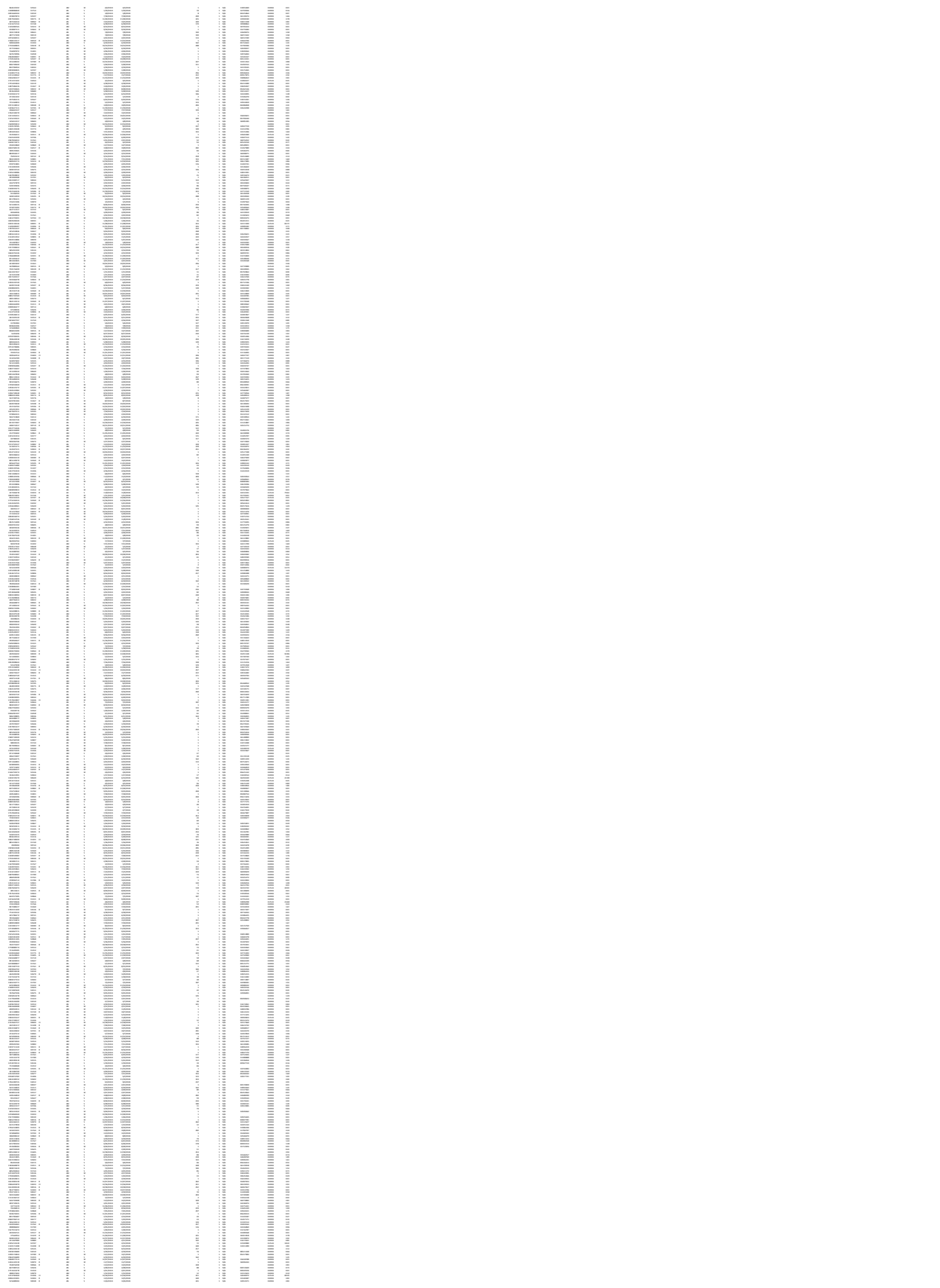


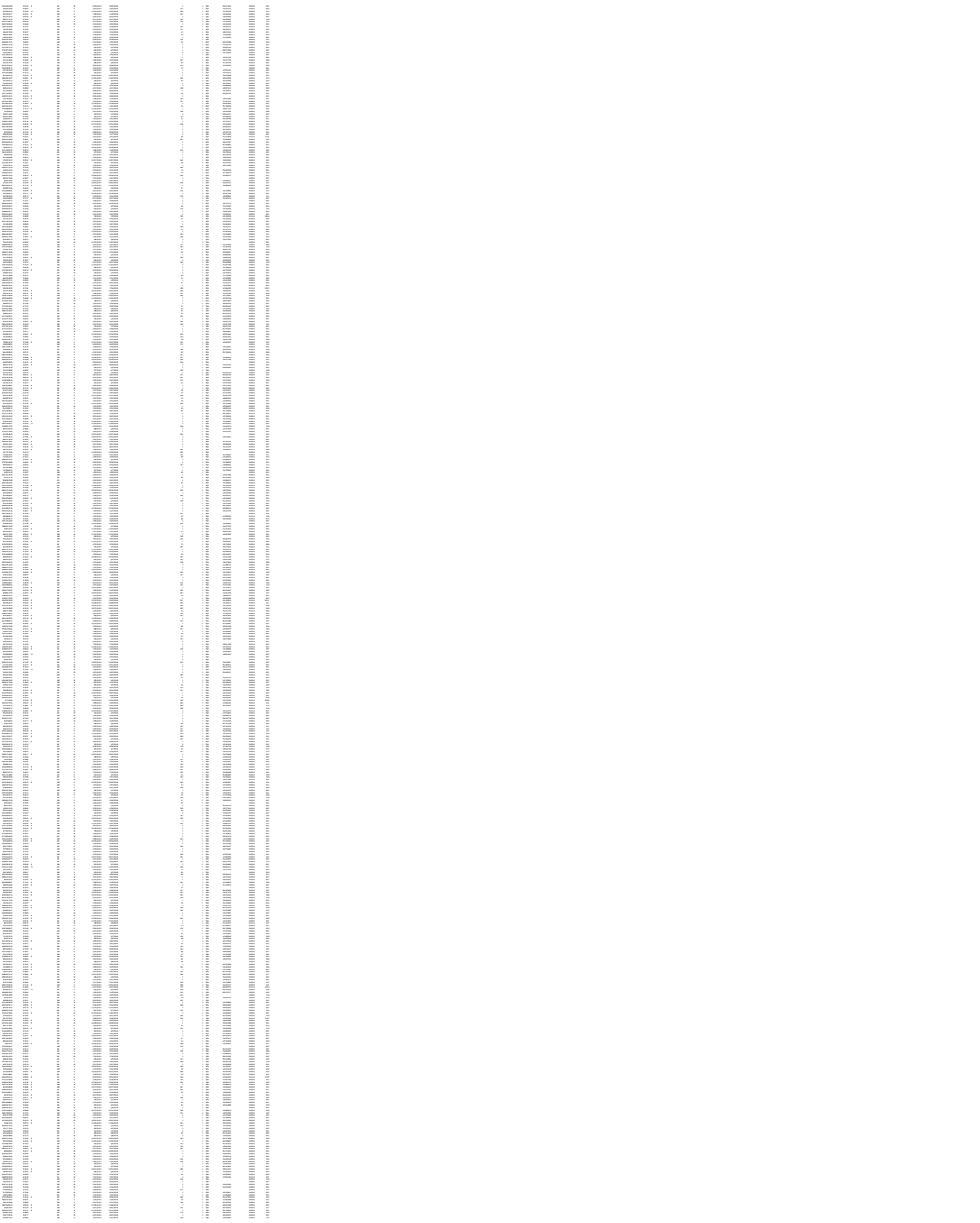


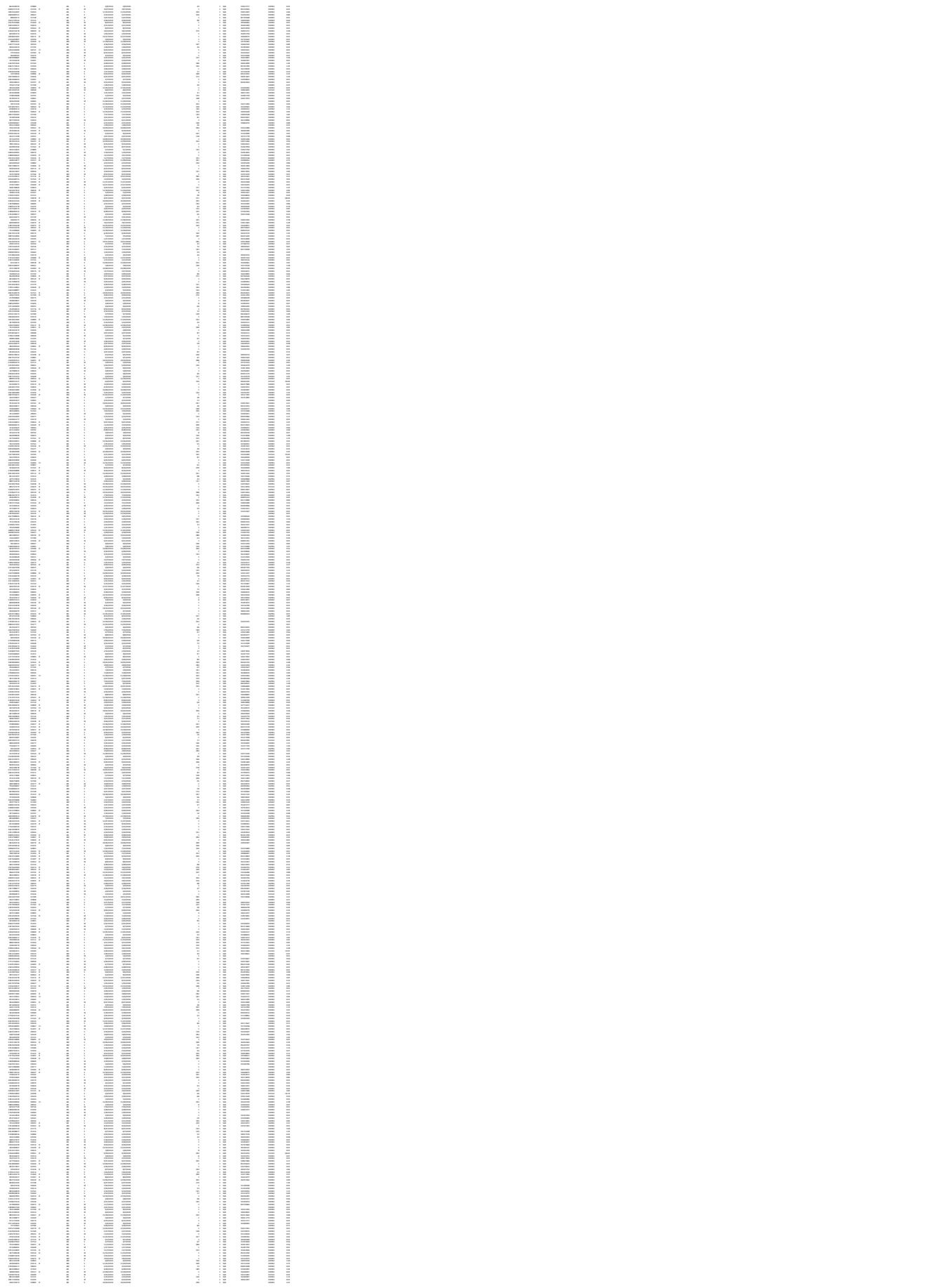


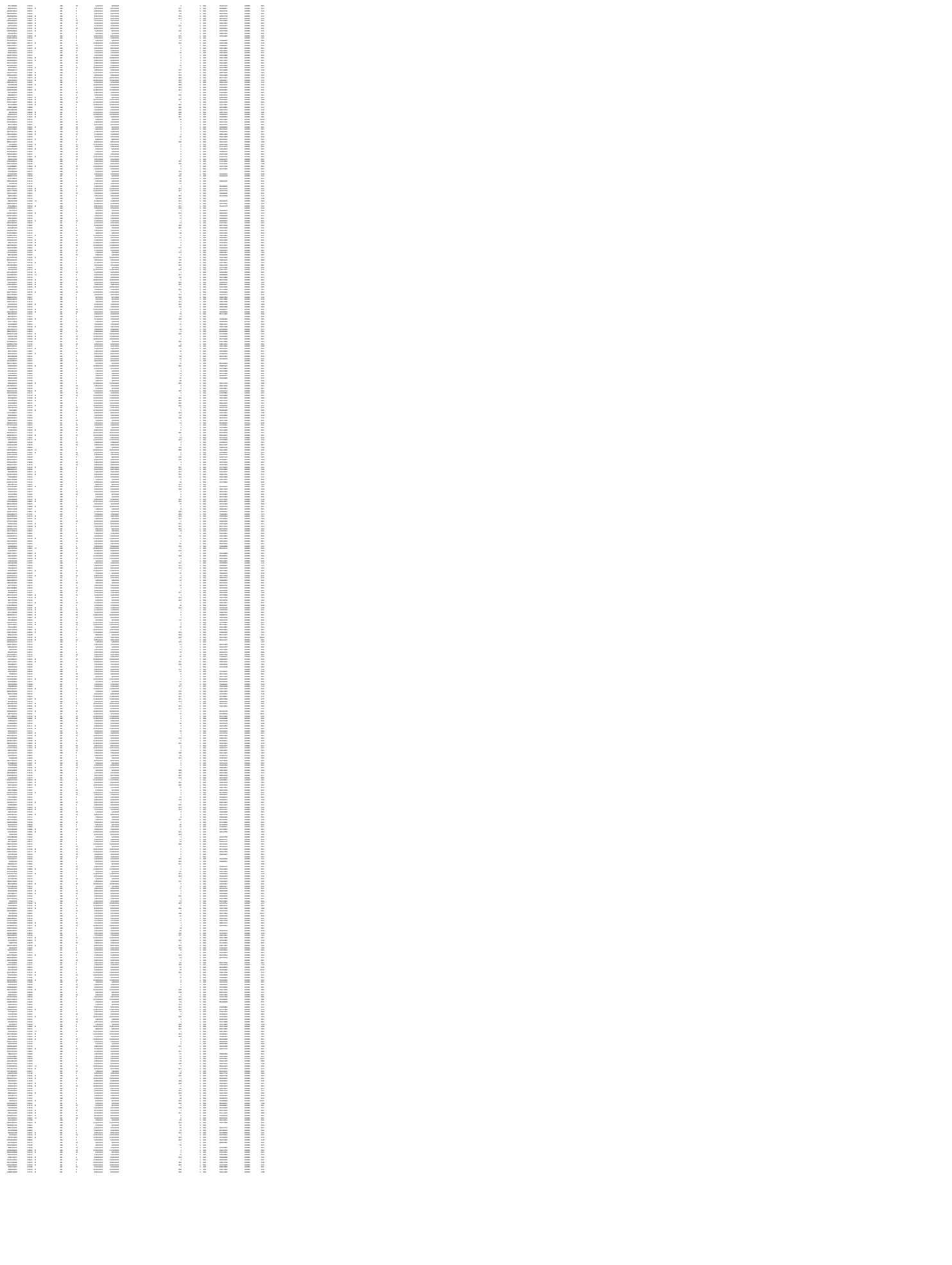


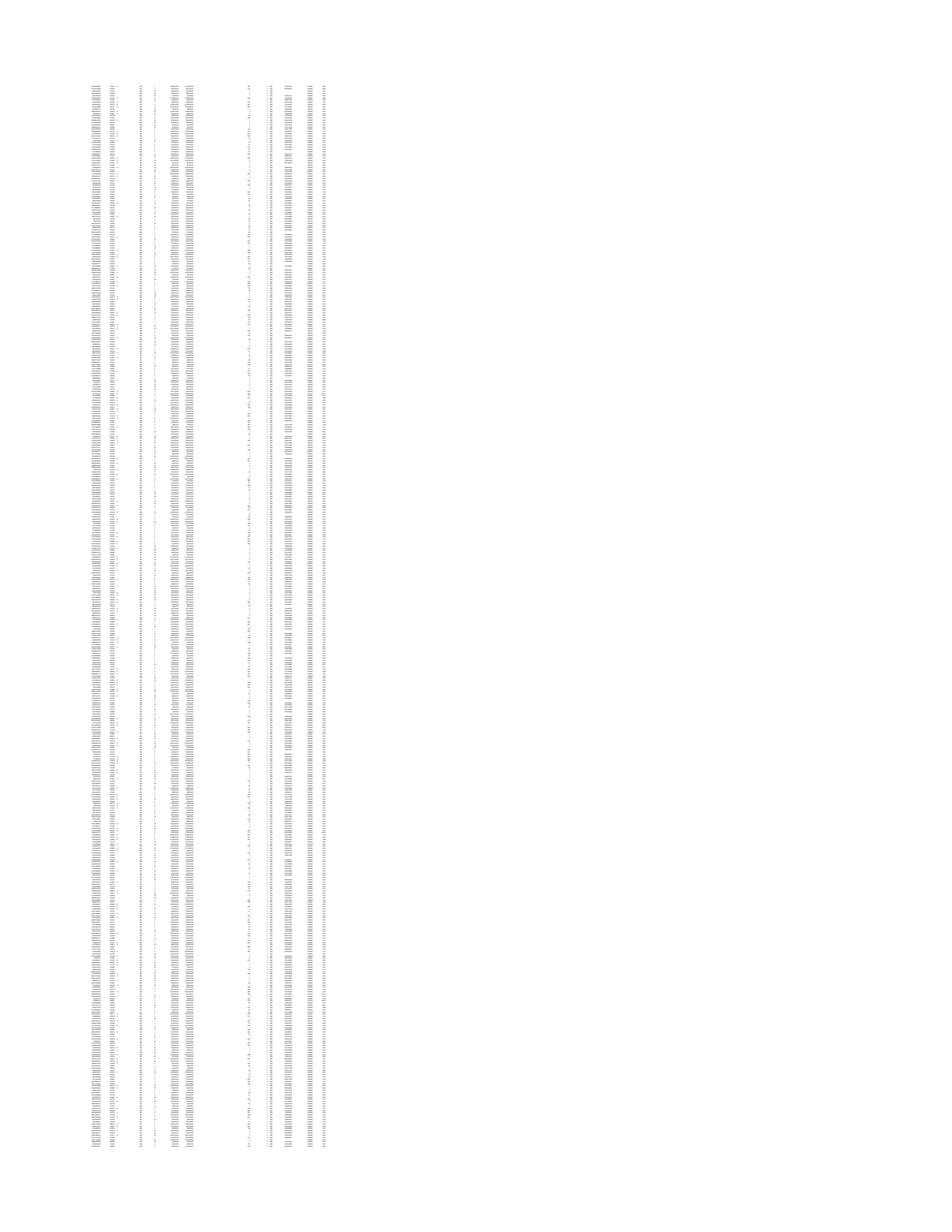


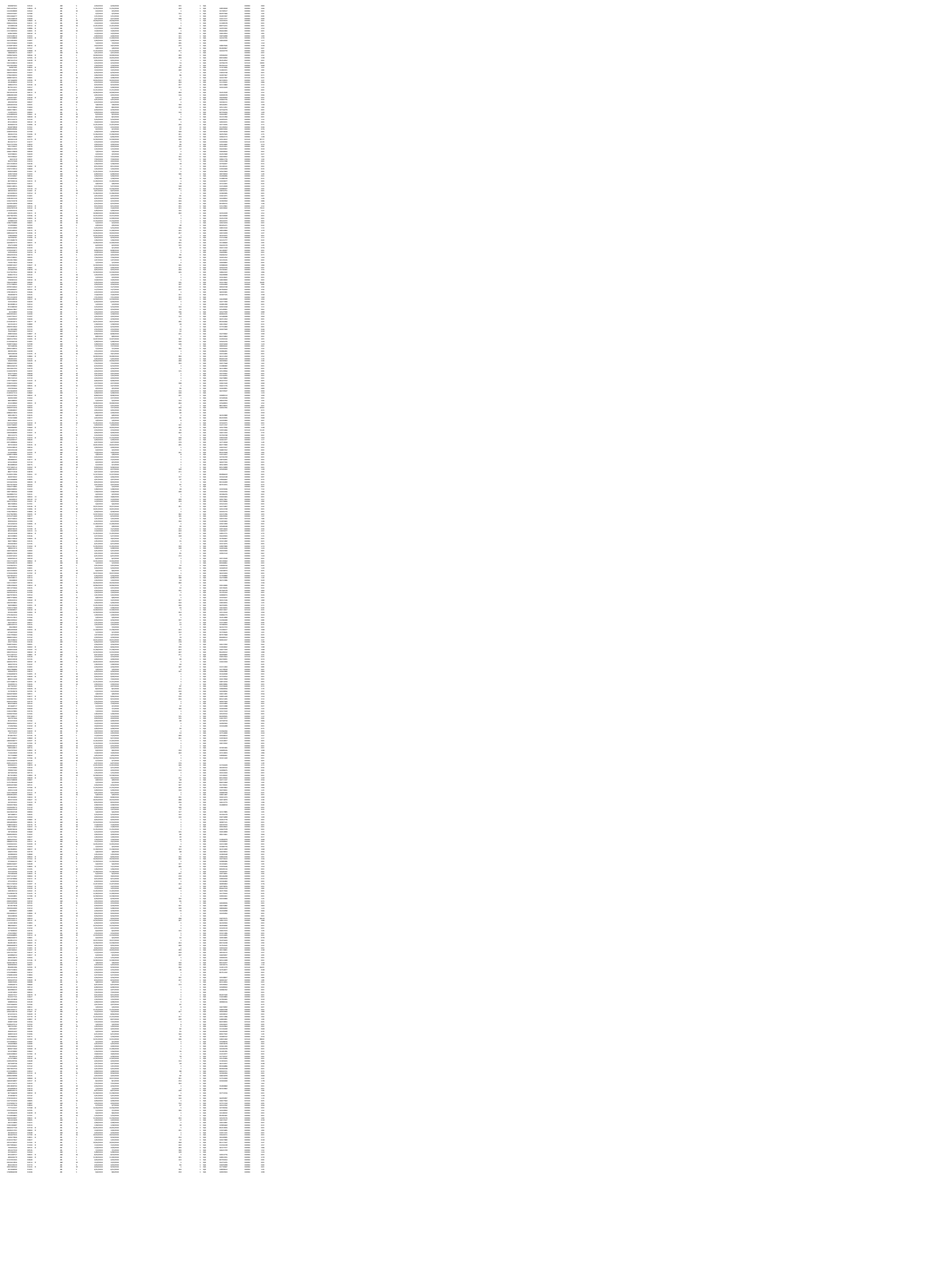


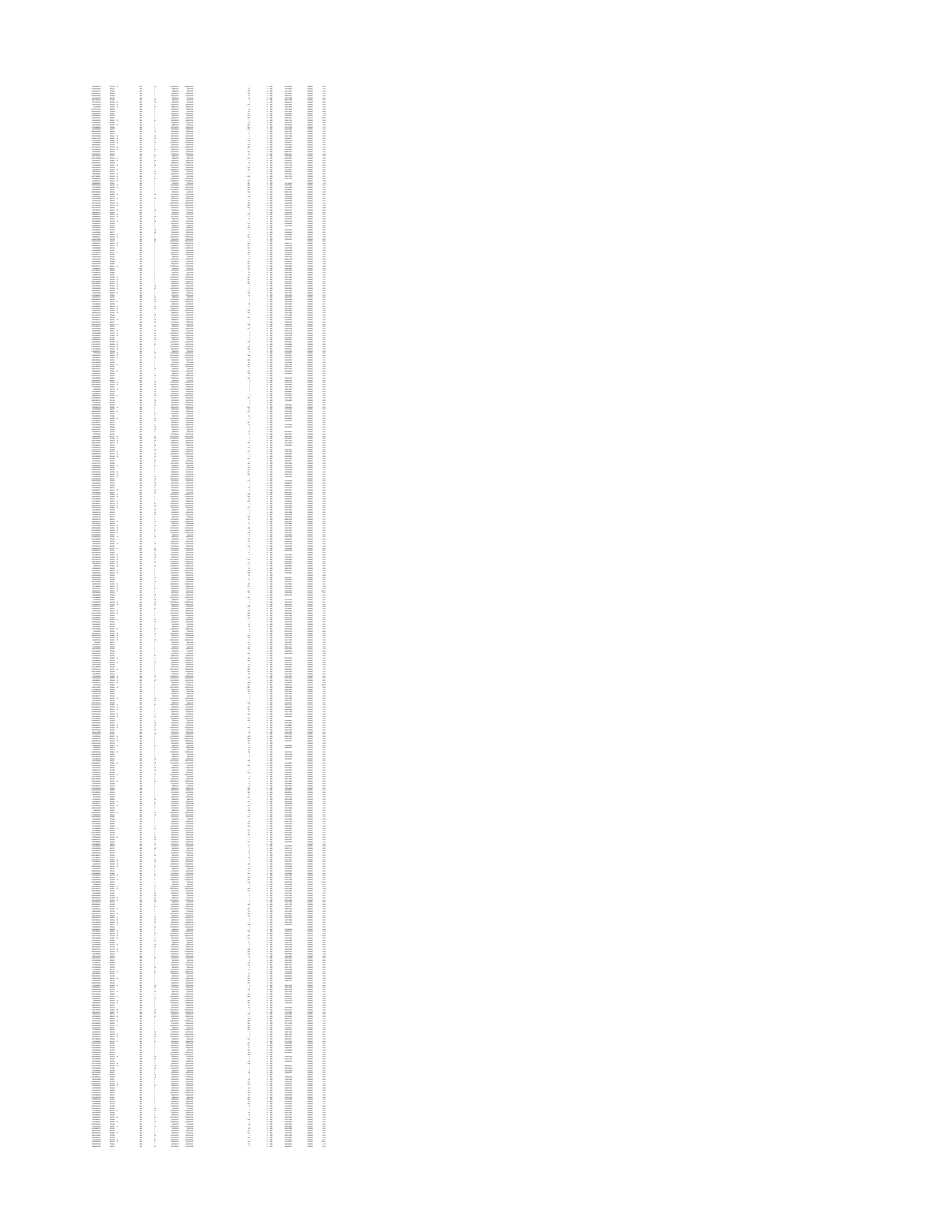


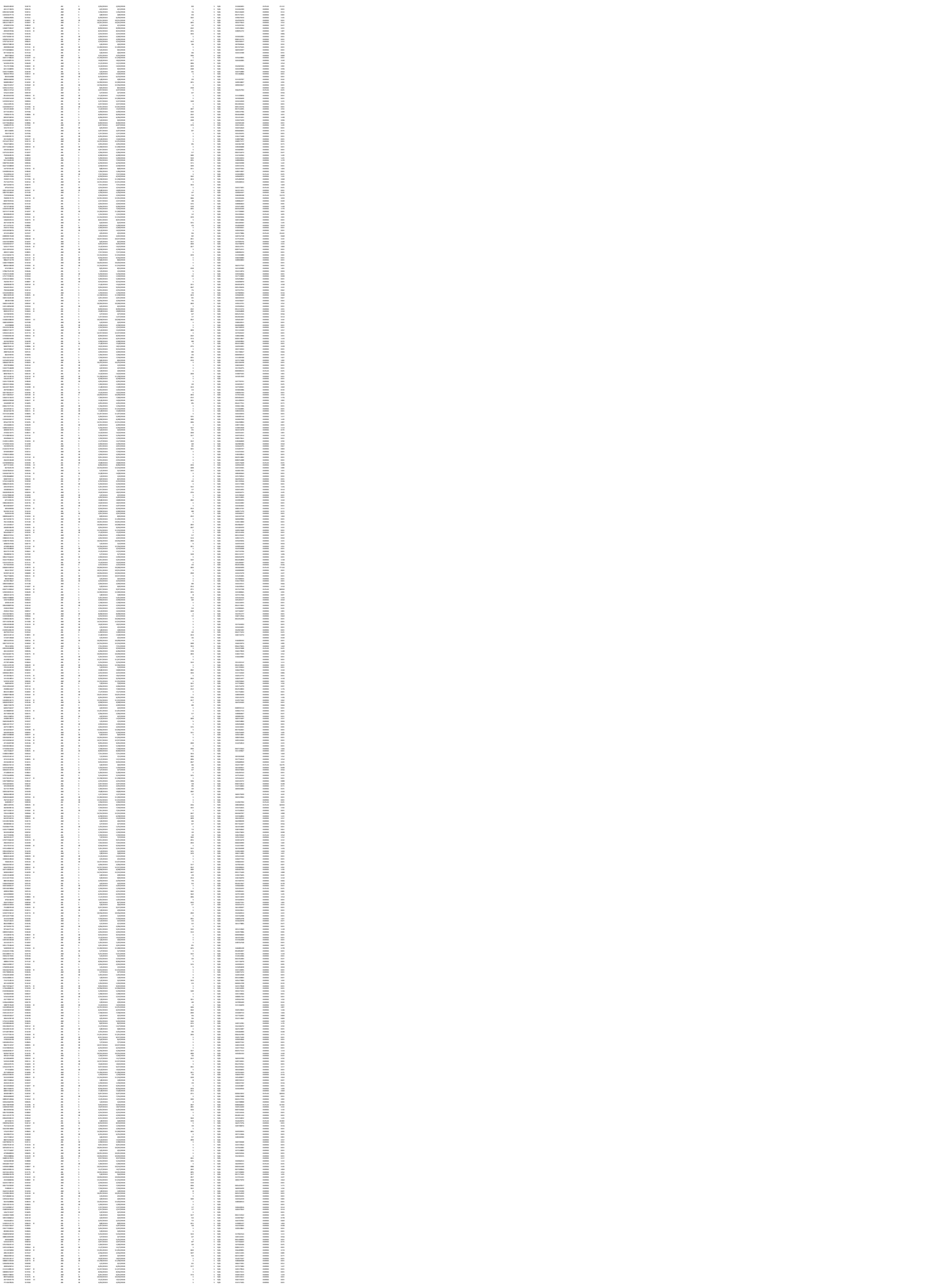


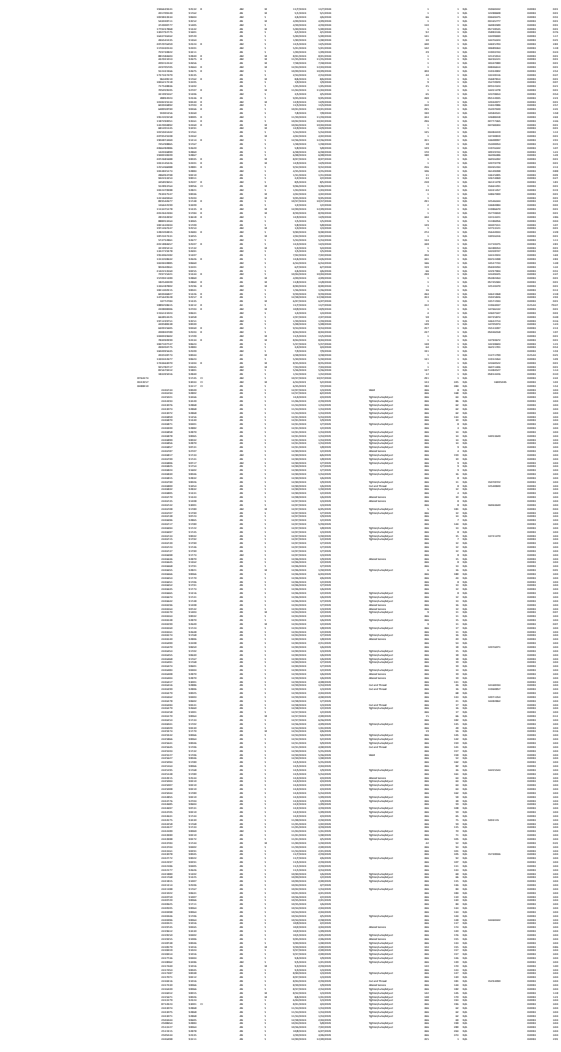












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Rulemaking (R.) 15-01-008 to Adopt Rules and Procedures Governing Commission Regulated Natural Gas Pipelines and Facilities to Reduce Natural Gas Leaks Consistent with Senate Bill 1371, Leno.
In Response to Data Request, R15-01-008 2025 June Report
Appendix 6; Rev. 03/27/2025

Notes:
Please show the calculation for determining the total emissions. If additional worksheets are necessary, please include those to show intermediate calculations, such as the formula for Emissions from Leaks Detected from Survey.
At utilities request, fill out with two, three, or four categories that correspond to the bubble-size classificationm and label the type of leak, whether AG-Haz, or AG-Non-Haz
If highlighted cells are filled in, the other cells will auto-populate
The term "Non-leaker EF" aligns with CARB's definition for "No Bubble EF" for the event of finding a leak even though not through bubble testing
The number of miles surveyed (Column C) should be the number of unique miles surveyed, and should not include any repeated miles surveyed multiple times per year (Column D).

To clarify the the definition of O&M Leaks (Column K), the following criteria for O&M Leaks should be met: (1) occur stochastically across the whole territory, (2) are leask reported by customers, (3) found quickly after occuring, (4) found independently of survey activities but would have been found later by surveyors, and (5) considered a small number of leaks.

To clarify the the definition of Survey Leaks (Column G), the following criteria for Survey Leaks should be met: (1) found from company employees or contractors actively serarching for leaks (2) including, but not limited to, compliance survey leaks and non-compliance survey leaks (e.g. Super Emitter Programs, Aerial Methane Mapping, Corrosion Surveying.)

Please provide the additional information requested on lines 58-60.

Summary of Data by Meters Survey Interval and Results for Annual System Leak Rate and Resulting Number of Unknown Leaks for Each Meter

Meter Classification (AG-Haz, AG-Non-Haz); Bubble Size Category	**Total System Meters per survey Cycle**	**Meters on Annual Survey [$M_{X,A}$]**	**Meters on Multi-Year Survey Cycles [M_X^{Tot}]**	**Survey Interval (yrs) [I]**	**Meters Surveyed Annually from Multi-Year Survey Cycles [$M_{X,I}$]**	**Total # of Leaks Detected from Survey [$N_{X,L}$]**	**Annual Leak Rate [Leaks / Meter]** $R_X = \frac{N_{X,L}}{M_{X,A} + (I \times M_{X,I})}$	**# of Unknown Leaks** $N_{X,unk} = \overline{R_X} \times (M_X^{Tot} - M_{X,I}) \times \frac{I}{2}$	**Total # of Leaks Detected from O&M* [$N_{X,O}$]**
Total Meters - AG Haz	6,213,246	3,581,735	2,631,511	5	526,302	1,807	0.00029	1,530.65	781
Total Meters - AG Non-Haz and Minor	6,213,246	3,581,735	2,631,511	5	526,302	35,146	0.00566	29,770.94	15,393
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
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				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
Total	**6,213,246**	**3,581,735**	**2,631,511**	**N/A**	**526,302**	**36,953**		**31,302**	**16,174**

Estimated Emissions by Leak Code

Leakage Category **Facility/Material**	**Emission Factor (Mscf/day/leak)**	**Emissions from Leaks Detected from Survey (Mscf)**	**Emissions from O&M* Leaks Detected (Mscf)**	**Estimated Emissions from Unknown Leaks (Mscf)**	**Total Estimated Emissions from Leaks (Mscf)**
AG-Haz	0.2544	80,298	199	NA	80,497
AG-Non Haz	0.0083	49,209	151	NA	49,360
Unknown Leak EF	0.0203	NA	NA	232,475	232,475
Non-leaker EF	0.0002	NA	NA	143,318	143,318
Total	**N/A**	**129,507**	**350**	**375,793**	**505,650**

Total Leaks Discovered in year of interest	
Haz	2,588
Non Haz and Minor	50,539

Please Provide the following:	**Total Count**
The number of MSA's which were within the surveyed areas but were not accessible for surveying (e.g. Cannot Get-Ins)	92,070
The number of MSAs which were estimated to be surveyed by the walking compliance survey but were inaccesible to surveyors.	0; "Cannot Get-Ins" were subtracted from meter count in column C
The portion of the survey mileage that includes mileage that is surveyed multiple times per year. Repeated mileage will not be accounted for in the unknown leak calculation	0

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Notes:
Use a formula-derived value with the formula used in the Annual Emissions column. Do not use a copy and paste-as-value.

At the end of Annual Emissions Column, add a summation total in a cell for a column total, and then highlight orange.

Include items <u>like the following</u> in this tab (Note whether emissions are included in the MSA EF used to estimate emissions for the MSA population and show only the event count.):
Gas vented during all Regulator Change outs due to other than vent leakage.
Large Customer MSA Regulator Inspection - External Regulator Inspections. List avg. amount vented.
Large Customer MSA Regulator Inspection - Regulator change out & Internal Reg Inspection. List avg. amount vented.
Diaphragm - CSF Read & Verify - List amounted vented thru meter during read & verify order for decreased usage.
Diaphragm - CSF Clock Test - List amount vented during Clock Test
Diaphragm - CSF Registration Check - List amount ventedn during Registration Checks
Diaphragm Size 1,2,3 Meter Change Out - List avg. gas vented on Size 1 Meter Change Out
All Meter Change Out Size 4 thru 28 - List avg. gas vented for Size 5 to 10 Meter Change outs
Field Meter Test of Diaphragm & Rotary - List avg. gas vented for Size 9 Meters
Customer Orifice Meter Plate Insp. - Orifice Plate Inspected Monthly. List avg. amount vented

Response:

Customer Meter Blowdowns:

Number of Blowdowns	Meter Type	Emission Factor (Mscf/yr)	Annual Emissions (Mscf)	Explanatory Notes / Comments
1	CI	NA	19.72	Blowdown at producer site (BD-2024-1325)
7,098	CI	0.005	35.49	All Meter Change Out Size 4 thru 28 - Use avg. gas vented of 5 scf for Size 5 to 10 Meter Change outs
26,130	CI/R	0.001	26.13	Customer Service Regulator - Gas vented during all Regulator Change-outs. Estimated avg. gas vented = 1 scf/change-out.
233,745	CI/R	0.001	146.09	Diaphragm - CSF Registration Check - Vent 0.625 scf/inspection during Clock Test ,Drop Test or Low flow Test
24,741	CI/R	0.020	494.82	Diaphragm - Read & Verify Order Conducted at 50% of Field Mtr Tests - Estimated avg. gas vented = 20 scf/ea.
138,034	CI/R	0.001	86.27	Diaphragm - Registration Check - Estimated avg. gas vented = 0.625 scf/ea.
40,231	CI/R	0.001	40.23	Diaphragm Size 1,2,3 Meter Change Out - Use avg. gas vented of 1 scf on Size 1 Meter Change Out
564	CI	0.005	2.82	Field Meter Test of Diaphragm & Rotary - Use avg. gas vented of 5 scf for Size 9 Meters
569	CI	0.030	17.07	Filter Changeout or Filter Inspection w/parts replacement - Estimated avg. gas vented = 30 scf/ea.
16,559	CI	0.002	33.12	Large Customer MSA Regulator Inspection - External Regulator Inspections @ 2 scf/insp.
5,805	CI	0.006	34.83	Large Customer MSA Regulator Inspection - Regulator change out & Internal Reg Inspection @ 6 scf/insp.
162	CI	0.018	2.92	Monthly Plate Inspections at Customer Orifice Meters - Estimated avg. gas vented = 18 scf/insp (Avg. Size = 20" @ 300 psig with top chamber volume 0.839 cf)
1,927	CI	0.020	38.54	Relief Valve Inspection at Customer MSAs - Estimated avg. gas vented = 20 scf/insp. (annual test with Nitrogen, gas vented is volume of gas in valve)
508	CI	0.005	2.54	Customer MSA M&R-Maintained Removals (Estimated gas vented 5 scf/ea.)
4,963	CI/R	0.001	4.96	Customer MSA Size 1-2 Standard Pressure Removals. Estimated avg vent 1 scf/ea.
551	CI/R	0.003	1.65	Customer MSA Size 3-4 Standard Pressure Removals. Estimated avg vent 3 scf/ea
204	CI	0.030	6.12	Producer Filter Changeout or Filter Inspection w/parts replacement - Estimated avg. gas vented = 30 scf/ea.
9	CI	0.833	7.50	Producer Pipeline Drip Accumulation - Estimated avg. gas vented = 10,000 cfh for 5min/device
152	CI	0.020	3.04	Producer Relief Valve Inspection at Customer MSAs - Estimated avg. gas vented = 20 scf/insp.
177	CI	0.002	0.35	Producer Pneumatic Device Annual Inspection - Estimated avg. gas vented = 2 scf/insp. (Actuators & Controllers)
8	CI	0.025	0.20	Producer - Meters - 25 scf/inspection
33	CI	0.002	0.07	Producer - Gas chromatographs/analyzers - 2 scf/inspection
24	CI	0.833	20.00	Pipeline Drip Accumulation - Estimated avg. gas vented = 10,000 cfh for 5min/device
437	CI	0.030	13.11	Transmission maintained - Filter Changeout or Filter Inspection w/parts replacement - Estimated avg. gas vented = 30 scf/ea.
107	CI	0.020	2.14	Transmission maintained - Relief Valve Inspection at Customer MSAs - Estimated avg. gas vented = 20 scf/insp. (annual test with Nitrogen, gas vented is volume of gas in valve)
125	CI	0.002	0.25	Transmission maintained - Pneumatic Device Annual Inspection - Estimated avg. gas vented = 2 scf/insp. (Actuators & Controllers)
48	CI	0.002	0.10	Transmission maintained gas chromatographs/analyzers - 2 scf/inspection
140	CI	0.025	3.50	Transmission maintained meters - 25 scf/inspection
1	CI	0.002	0.00	Transmission maintained line breaks - Estimated avg. gas vented = 2 scf/insp
		Sum Total	**1,044**	

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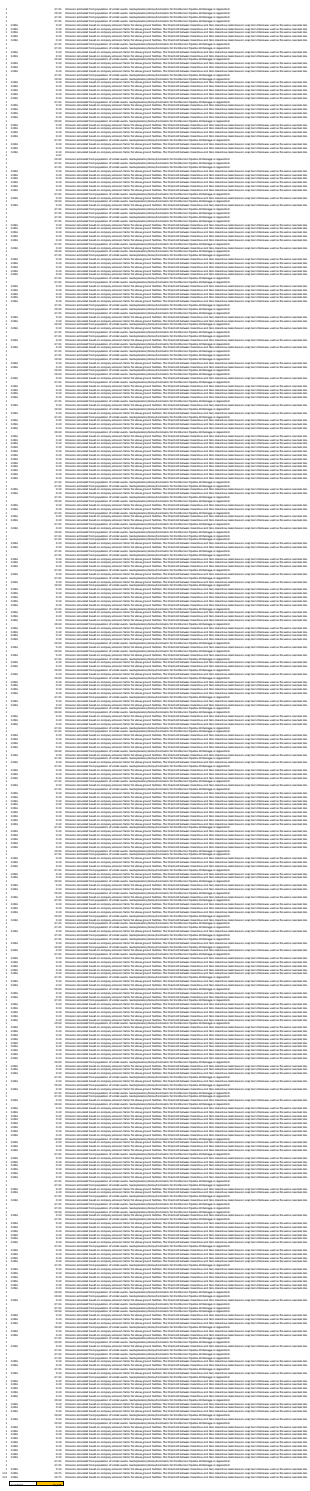
At the end of Annual Emissions Column, add a summation total in a cell for a column total, and then highlight orange.

Response:

Damage to MSAs (Customer, third party, natural disasters, etc.):

ID	Geographic Location	Damage Type	Meter Type	Leak Classification (Grade)	Discovery Date (DD/MM/YY)	Leak Repair Date (MM/DD/YY)	If not repaired by 12/31/24 list the Scheduled Date of Repair (DD/MM/YY)	Reason for Not Scheduling a Repair	Number of Days Leaking	Engineering Estimate (Mscf/Day)	Annual Emissions (Mscf)	Explanatory Notes / Comments
100027061023	93203	O	CI	AN	12/31/2024	12/31/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100027061021	93203	O	CI	AN	12/31/2024	12/31/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2426852	92704	O		AH	12/30/2024	12/30/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2426848	91601	O		AH	12/30/2024	12/30/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2426662	90003	N		AN	12/26/2024	12/26/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100027047226	93030	N	CI	AN	12/27/2024	12/27/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2426641	90404	O		AN	12/26/2024	12/26/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2426632	92570	O		AH	12/25/2024	12/25/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2426628	92371	O		AH	12/24/2024	12/24/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2426608	90262	O		AH	12/23/2024	12/23/2024			1		70.73	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2426659	90059	O		AH	12/26/2024	12/26/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2426538	92201	O		AH	12/22/2024	12/22/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2426531	90732	O		AH	12/21/2024	12/21/2024			1		70.73	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2426493	92660	O		AH	12/20/2024	12/20/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2426450	92551	O		AH	12/20/2024	12/20/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
100026973159	91731	O	R	AN	12/18/2024	12/18/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026970617	92503	N	CI	AN	12/19/2024	12/19/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2426222	93242	O		AH	12/17/2024	12/17/2024			1		34.70	
2425989	90293	O		AH	12/14/2024	12/14/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2425979	90640	O		AH	12/13/2024	12/13/2024			1		65.37	
2425731	93010	O		AN	12/11/2024	12/13/2024			3	0.096	0.29	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2425632	90303	O		AH	12/10/2024	12/10/2024			1		21.21	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2425572	93010	O		AN	12/10/2024	12/16/2024			7	0.096	0.67	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2425433	93010	O		AN	12/9/2024	12/12/2024			4	0.096	0.38	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026928800	93312	O	CI	AH	12/9/2024	12/9/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2425432	93010	N		AN	12/9/2024	12/11/2024			3	0.096	0.29	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2425348	93308	O		AH	12/9/2024	12/9/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2425324	90062	E		AH	12/7/2024	12/7/2024			1		21.21	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
100026923192	93433	O	CI	AN	12/6/2024	12/6/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026961062	91706	N	CI	AN	12/17/2024	12/17/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026922595	91706	N	CI	AN	12/17/2024	12/17/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2425036	91746	O		AH	12/4/2024	12/5/2024			2		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
100026915360	90061	O	CI	AN	12/9/2024	12/9/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026910896	93536	O	R	AN	12/3/2024	12/3/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026909187	90210	N	R	AN	12/6/2024	12/6/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026907835	93021	O	CI	AN	12/2/2024	12/2/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026907754	91730	N	CI	AN	12/6/2024	12/6/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2424568	93536	O		AH	11/27/2024	11/27/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
100026883664	91355	O	CI	AN	12/3/2024	12/3/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2424370	93454	N		AH	11/26/2024	11/26/2024			1		21.21	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2424363	92833	O		AH	11/25/2024	11/25/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
100026871856	92270	N	R	AN	11/26/2024	11/26/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026878817	92270	N	R	AN	11/26/2024	11/26/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026866263	90249	N	CI	AN	11/25/2024	11/25/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2424168	91007	O		AH	11/22/2024	11/22/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
100026837554	93560	N	CI	AN	11/21/2024	11/21/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2423922	92231	O		AH	11/20/2024	11/21/2024			2		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2423913	90660	O		AH	11/20/2024	11/20/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
100026832236	92506	N	CI	AN	11/21/2024	11/21/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026836763	92506	N	CI	AN	11/21/2024	11/21/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026838200	92506	N	CI	AN	11/21/2024	11/21/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026832235	92506	N	CI	AN	11/21/2024	11/21/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2423625	91302	O		AH	11/18/2024	11/18/2024			1		21.21	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2423468	92571	O		AH	11/15/2024	11/15/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2423333	90003	O		AH	11/14/2024	11/14/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2423244	93446	O		AH	11/14/2024	11/14/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2423182	91387	O		AN	11/13/2024	11/13/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2423011	91104	O		AH	11/12/2024	11/12/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2422971	90044	O		AH	11/12/2024	11/12/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2422898	93010	N		AH	11/10/2024	11/10/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2422886	91763	O		AH	11/9/2024	11/9/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2422882	93010	N		AH	11/9/2024	11/9/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2422798	93010	O		AH	11/8/2024	11/9/2024			2		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2422799	90019	O		AH	11/8/2024	11/8/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2422776	93010	O		AH	11/8/2024	11/8/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2422726	93066	N		AH	11/7/2024	11/7/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2422673	90265	N		AN	11/7/2024	11/7/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2422603	93543	N		AH	11/6/2024	11/6/2024			1		21.21	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2422577	93063	N		AH	11/6/2024	11/6/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
100026777744	92404	N	CI	AN	11/6/2024	11/6/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2422485	92325	O		AH	11/6/2024	11/6/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
100026773210	92262	N	R	AN	11/19/2024	11/19/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026769166	90048	O	R	AN	11/5/2024	11/5/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2422294	92324	O		AH	11/4/2024	11/4/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2422169	91776	O		AH	11/3/2024	11/3/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
100026759041	92881	N	CI	AN	12/5/2024	12/5/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026759033	92860	N	CI	AN	12/5/2024	12/5/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026758969	91381	O	CI	AN	12/3/2024	12/3/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026758516	92410	N	CI	AN	12/3/2024	12/3/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026758905	92410	N	CI	AN	12/3/2024	12/3/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026758872	92882	N	CI	AN	12/6/2024	12/6/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026758863	90049	O	CI	AN	12/11/2024	12/11/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026758822	90058	N	CI	AN	12/16/2024	12/16/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2422073	91752	O		AH	11/1/2024	11/1/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2422050	90064	O		AN	10/31/2024	10/31/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2422035	90016	O		AH	10/31/2024	10/31/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2421971	92243	N		AH	10/29/2024	10/29/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2421958	90061	O		AH	10/30/2024	10/30/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2421908	91367	O		AH	10/30/2024	10/30/2024			1		21.21	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2421894	91201	O		AN	10/30/2024	10/30/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2421852	92703	O		AH	10/29/2024	10/29/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2421778	90745	O		AH	10/29/2024	10/29/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2421737	92843	O		AH	10/29/2024	10/29/2024			1		21.21	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2421668	92703	O		AH	10/28/2024	10/28/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2421673	92562	O		AN	10/28/2024	10/31/2024			4	0.096	0.38	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2421597	92804	O		AH	10/25/2024	10/25/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
100026735068	93401	N	CI	AN	10/25/2024	10/25/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2421507	90049	O		AH	10/24/2024	10/24/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2421488	90058	O		AH	10/23/2024	10/23/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
100026722361	91606	O	R	AN	10/24/2024	10/24/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2421248	90023	E		AH	10/22/2024	10/22/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2421209	91710	O		AH	10/22/2024	10/22/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
100026715777	93105	O	CI	AN	10/21/2024	10/21/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2421048	90061	O		AH	10/21/2024	10/21/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2421002	90025	O		AH	10/20/2024	10/21/2024			2		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2420977	93560	O		AH	10/18/2024	10/19/2024			2		21.21	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2420972	90405	O		AH	10/18/2024	10/18/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
100026699741	93552	N	CI	AN	10/28/2024	10/28/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026740052	93552	N	CI	AN	10/28/2024	10/28/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026720514	90012	O	CI	AN	10/22/2024	10/22/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2420891	91601	O		AH	10/18/2024	10/18/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2420856	91504	O		AN	10/17/2024	10/17/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2420828	92411	O		AH	10/17/2024	10/17/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2420764	90405	O		AN	10/16/2024	10/16/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2420788	91768	O		AH	10/16/2024	10/16/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
100026690403	93551	O	CI	AN	10/25/2024	10/25/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026690832	93446	N	CI	AN	10/16/2024	10/16/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2420647	90254	O		AH	10/15/2024	10/15/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
100026688014	92253	O	CI	AN	10/15/2024	10/15/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026686913	92253	O	CI	AN	10/15/2024	10/15/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2420525	90057	O		AH	10/14/2024	10/14/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2420447	91306	O		AH	10/14/2024	10/14/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2420402	91789	O		AH	10/11/2024	10/11/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2420340	92701	O		AH	10/11/2024	10/11/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2420328	90032	O		AN	10/10/2024	10/10/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2420284	92683	O		AH	10/10/2024	10/10/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2420245	93223	O		AH	10/9/2024	10/9/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2420209	90272	O		AH	10/9/2024	10/9/2024			1		21.21	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2420129	92243	O		AH	10/8/2024	10/8/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2420017	93063	O		AH	10/7/2024	10/7/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2419929	92675	O		AH	10/5/2024	10/6/2024			2		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2419918	92544	O		AH	10/4/2024	10/5/2024			2		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2419903	91731	O		AH	10/4/2024	10/4/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2419913	90020	O		AH	10/4/2024	10/5/2024			2		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2419849	90061	O		AH	10/4/2024	10/4/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
100026662462	93458	N	CI	AN	10/4/2024	10/4/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026664831	93458	N	CI	AN	10/4/2024	10/4/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2419656	93274	O		AH	10/2/2024	10/2/2024			1		21.21	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2419650	92234	O		AH	10/2/2024	10/2/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
100026654201	90039	O	CI	AH	10/5/2024	10/5/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2419603	90402	O		AH	10/2/2024	10/2/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2419573	92586	O		AH	10/1/2024	10/1/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
100026653681	91405	O	CI	AH	10/2/2024	10/2/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2419485	91767	O		AH	9/30/2024	9/30/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
100026647318	91387	O	R	AN	11/7/2024	11/7/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026645240	91355	O	CI	AN	11/7/2024	11/7/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026647306	91355	O	CI	AN	11/7/2024	11/7/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026647297	93308	N	CI	AN	11/8/2024	11/8/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026647293	93263	N	CI	AN	11/8/2024	11/8/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026647202	92408	N	CI	AN	11/5/2024	11/5/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026647117	90270	N	CI	AN	11/12/2024	11/12/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026641958	93501	N	CI	AN	10/1/2024	10/1/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2419360	92509	O		AH	9/29/2024	9/29/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2419340	92570	O		AH	9/28/2024	9/28/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
100026630168	91306	O	CI	AN	9/27/2024	9/27/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2419113	90042	O		AH	9/25/2024	9/25/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
100026625400	93550	N	CI	AN	9/25/2024	9/25/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2419054	92618	O		AH	9/25/2024	9/25/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2418776	90262	O		AH	9/21/2024	9/21/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2418760	92557	O		AH	9/20/2024	9/20/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
100026604649	91355	O	CI	AN	9/25/2024	9/25/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026602473	91606	O	CI	AN	9/23/2024	9/23/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2418658	91042	O		AH	9/19/2024	9/19/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
100026600834	91352	O	CI	AN	11/16/2024	11/16/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026591034	91786	O	R	AN	9/16/2024	9/16/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026589910	91786	O	R	AN	9/16/2024	9/16/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2418236	93446	O		AH	9/14/2024	9/14/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2418171	93618	O		AN	9/13/2024	9/13/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2418133	92335	O		AH	9/12/2024	9/12/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
100026583028	92324	O	CI	AH	9/12/2024	9/12/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
100026581791	92324	O	CI	AH	9/12/2024	9/12/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2418077	93257	O		AH	9/12/2024	9/12/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2418055	91411	O		AH	9/11/2024	9/11/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2417994	92397	O		AH	9/11/2024	9/11/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2417967	92683	O		AH	9/11/2024	9/11/2024			1		21.21	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2417952	92382	O		AH	9/10/2024	9/10/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
100026573136	91355	O	CI	AN	9/10/2024	9/10/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2417904	91340	O		AN	9/10/2024	9/10/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2417758	91768	O		AH	9/7/2024	9/7/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2417759	90004	O		AH	9/7/2024	9/7/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2417686	92841	O		AH	9/5/2024	9/5/2024			1		21.21	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2417645	90620	O		AH	9/5/2024	9/5/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2417561	93454	O		AH	9/4/2024	9/4/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2417521	92555	O		AN	9/2/2024	9/2/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2417489	91605	O		AH	9/3/2024	9/3/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2417481	91356	O		AH	9/3/2024	9/3/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
100026555067	91302	O	R	AN	9/4/2024	9/4/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026554936	91040	O	R	AN	9/3/2024	9/3/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026552004	90401	O	CI	AN	9/3/2024	9/3/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026552324	93535	N	R	AN	10/3/2024	10/3/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026549125	91406	O	CI	AN	10/24/2024	10/24/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026548897	91352	O	CI	AN	10/14/2024	10/14/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026548877	91601	O	R	AN	10/11/2024	10/11/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026548860	91502	O	CI	AN	10/1/2024	10/1/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026548853	91304	O	CI	AN	10/16/2024	10/16/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026548773	91214	O	CI	AN	10/15/2024	10/15/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026548716	92352	N	R	AN	10/1/2024	10/1/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026548560	90040	O	CI	AN	10/29/2024	10/29/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2417428	90210	O		AH	9/1/2024	9/3/2024			3		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2417421	90275	N		AN	9/1/2024	9/6/2024			6	0.096	0.58	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026561090	91701	N	R	AN	9/5/2024	9/5/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026560844	91701	N	R	AN	9/5/2024	9/5/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026552343	91701	N	R	AN	9/5/2024	9/5/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2417424	93274	O		AH	9/2/2024	9/2/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2417313	90049	O		AH	8/29/2024	8/29/2024			1		21.21	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2417258	90011	O		AH	8/29/2024	8/29/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2417268	92653	O		AH	8/29/2024	8/29/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2417213	92780	O		AH	8/28/2024	8/28/2024			1		21.21	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2417173	90277	O		AH	8/28/2024	8/28/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2417193	92708	O		AH	8/28/2024	8/28/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2417166	92624	N		AN	8/28/2024	8/28/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2417127	90059	O		AN	8/23/2024	8/23/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2417003	93631	O		AH	8/23/2024	8/23/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2417015	93274	O		AH	8/26/2024	8/26/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2417012	93428	O		AH	8/26/2024	8/26/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2416923	92325	O		AH	8/26/2024	8/26/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2416861	92869	O		AH	8/23/2024	8/23/2024			1		21.21	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
100026482821	93215	N	CI	AN	8/28/2024	8/28/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026499171	92260	O	CI	AN	8/23/2024	8/23/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026498560	92260	O	CI	AN	8/23/2024	8/23/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2416813	93280	O		AH	8/23/2024	8/23/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2416789	90044	O		AH	8/22/2024	8/22/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
100026494892	93030	O	CI	AN	8/22/2024	8/22/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2416716	92806	O		AH	8/21/2024	8/21/2024			1		21.21	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2416712	90037	O		AH	8/21/2024	8/21/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2416701	91364	O		AH	8/21/2024	8/21/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
100026491308	93311	N	CI	AN	8/22/2024	8/22/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2416632	92806	O		AH	8/20/2024	8/21/2024			2		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
100026499143	90731	N	CI	AN	8/23/2024	8/23/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2416534	90275	N		AN	8/19/2024	8/19/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2416528	90061	O		AH	8/19/2024	8/19/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2416483	91731	O		AN	8/19/2024	8/19/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2416438	91601	O		AH	8/17/2024	8/17/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2416433	91768	O		AH	8/16/2024	8/17/2024			2		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2416377	90274	O		AM	8/15/2024	8/26/2024			12	0.096	1.15	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2416331	91733	E		AH	8/15/2024	8/15/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2416254	91733	O		AH	8/14/2024	8/14/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2416193	91784	N		AN	8/14/2024	8/14/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2416165	93292	O		AH	8/13/2024	8/13/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
100026463303	93444	N	CI	AN	8/13/2024	8/13/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2416090	93030	O		AH	8/13/2024	8/13/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
100026461697	93536	N	CI	AN	8/12/2024	8/12/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2416070	92651	O		AH	8/12/2024	8/12/2024			1		30.58	
2416032	90731	O		AH	8/11/2024	8/11/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2415965	92584	O		AH	8/10/2024	8/10/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2415963	91402	O		AH	8/10/2024	8/10/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
100026454471	91316	O	R	AN	8/9/2024	8/9/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026450239	91301	O	CI	AN	8/14/2024	8/14/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2415793	93662	O		AH	8/7/2024	8/7/2024			1		21.21	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
100026446442	93280	N	CI	AN	8/7/2024	8/7/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2415790	92316	O		AH	8/7/2024	8/7/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2415786	92879	O		AH	8/7/2024	8/7/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2415750	90047	O		AH	8/7/2024	8/7/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
100026442257	91301	O	CI	AN	8/21/2024	8/21/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026442208	93560	N	CI	AN	8/27/2024	8/27/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2415644	91361	O		AH	8/6/2024	8/6/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2415513	91401	O		AH	8/2/2024	8/2/2024			1		21.21	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2415519	93101	O		AH	8/3/2024	8/3/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2415437	90405	O		AN	8/1/2024	8/1/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026424818	93551	N	CI	AN	9/19/2024	9/19/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026424810	93012	O	R	AN	9/23/2024	9/23/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026424574	91355	O	CI	AN	9/11/2024	9/11/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026424563	93311	N	CI	AN	9/17/2024	9/17/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026424561	91355	O	CI	AN	9/11/2024	9/11/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026424558	91406	O	R	AN	9/20/2024	9/20/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026424554	93312	N	CI	AN	9/17/2024	9/17/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026424551	91321	O	CI	AN	9/6/2024	9/6/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026424540	91361	O	CI	AN	9/17/2024	9/17/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026424538	91325	O	CI	AN	9/18/2024	9/18/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026424535	91330	O	CI	AN	9/18/2024	9/18/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026424531	93263	N	CI	AN	10/3/2024	10/3/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026424452	91205	O	CI	AN	9/9/2024	9/9/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026424446	93550	N	CI	AN	9/5/2024	9/5/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026424339	92382	N	CI	AN	9/26/2024	9/26/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026424181	90019	O	CI	AN	9/5/2024	9/5/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026385781	90019	O	CI	AN	9/5/2024	9/5/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2415351	91766	O		AH	7/31/2024	7/31/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2415267	93023	O		AH	7/30/2024	7/30/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
100026405900	93445	N	R	AN	7/30/2024	7/30/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026410559	93445	N	R	AN	7/30/2024	7/30/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2415121	91761	O		AH	7/29/2024	7/29/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2415019	92376	O		AH	7/25/2024	7/25/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2414946	93203	O		AH	7/25/2024	7/25/2024			1		21.21	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2414928	92411	O		AH	7/24/2024	7/24/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
100026373502	90021	O	CI	AH	7/24/2024	7/24/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2414818	92562	O		AH	7/22/2024	7/22/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2414757	90272	O		AH	7/22/2024	7/22/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2414760	91320	O		AH	7/22/2024	7/22/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2414697	91606	O		AH	7/22/2024	7/22/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2414676	92506	N		AH	7/21/2024	7/21/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2414576	90275	N		AH	7/18/2024	7/18/2024			1		21.21	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2414543	92617	O		AH	7/18/2024	7/18/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2414517	93618	O		AH	7/17/2024	7/17/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2414421	90027	O		AH	7/17/2024	7/17/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2414405	91748	O		AH	7/16/2024	7/16/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2414393	92260	O		AH	7/16/2024	7/16/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2414326	93534	O		AH	7/15/2024	7/15/2024			1		21.21	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2414236	90810	O		AH	7/14/2024	7/15/2024			2		21.21	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2414230	92407	O		AH	7/13/2024	7/14/2024			2		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2414215	90404	O		AH	7/13/2024	7/13/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2414229	90044	O		AH	7/13/2024	7/13/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2414139	92313	O		AH	7/11/2024	7/11/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
100026201393	91360	N	CI	AN	8/5/2024	8/5/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2413926	91733	O		AH	7/8/2024	7/9/2024			2		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
100026305936	92882	N	R	AN	7/10/2024	7/10/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2413834	90045	O		AH	7/6/2024	7/6/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2413819	92377	O		AH	7/5/2024	7/5/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2413818	92231	O		AH	7/3/2024	7/3/2024			1		21.21	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2413784	90004	O		AH	7/4/2024	7/4/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2413786	93552	O		AH	7/4/2024	7/4/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
100026300005	91730	N	CI	AN	7/8/2024	7/8/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2413778	93249	O		AH	7/4/2024	7/4/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2413788	93560	O		AH	7/5/2024	7/5/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2413777	93249	O		AH	7/3/2024	7/3/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2413772	90275	N		AH	7/3/2024	7/3/2024			1		70.73	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2413782	90255	O		AH	7/4/2024	7/4/2024			1		21.21	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2413744	92201	O		AH	7/3/2024	7/3/2024			1		1.94	
2413705	90044	O		AH	7/3/2024	7/3/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
100026292974	90272	O	R	AN	7/3/2024	7/3/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026288760	93430	N	CI	AN	7/3/2024	7/3/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2413547	90230	O		AH	7/1/2024	7/1/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
100026280351	93012	O	R	AN	8/23/2024	8/23/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026280145	93308	N	CI	AN	8/8/2024	8/8/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026279991	93311	N	CI	AN	8/26/2024	8/26/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026276655	93311	N	CI	AN	8/26/2024	8/26/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026279989	93312	N	CI	AN	8/28/2024	8/28/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026279967	91361	O	CI	AN	8/16/2024	8/16/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026279910	93560	O	CI	AN	8/9/2024	8/9/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026279800	91377	O	R	AN	8/20/2024	8/20/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026279654	90220	O	CI	AN	8/7/2024	8/7/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2413523	92346	O		AH	6/30/2024	6/30/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2413522	92509	O		AH	6/30/2024	6/30/2024			1		21.21	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2413463	91733	E		AH	6/27/2024	6/27/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2413426	90059	O		AH	6/27/2024	6/27/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
100026262600	93551	N	CI	AN	6/28/2024	6/28/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026259668	93591	N	CI	AN	6/27/2024	6/27/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026254645	92801	O	CI	AN	6/26/2024	6/26/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2413285	93274	O		AH	6/25/2024	6/25/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2413232	90028	O		AH	6/25/2024	6/25/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2413236	91745	O		AH	6/25/2024	6/25/2024			1		21.21	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2413095	90068	O		AH	6/23/2024	6/23/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2413092	93291	O		AH	6/22/2024	6/22/2024			1		11.58	
2413091	90001	O		AH	6/22/2024	6/22/2024			1		6.07	
2413057	92692	O		AH	6/21/2024	6/21/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2413034	90275	N		AH	6/21/2024	6/21/2024			1		70.73	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2412951	93291	O		AH	6/20/2024	6/20/2024			1		1.79	
2412961	90037	O		AM	6/20/2024	6/20/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2412887	91731	O		AH	6/17/2024	6/17/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2412854	91107	O		AH	6/19/2024	6/19/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2412726	92507	O		AH	6/17/2024	6/17/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
100026200021	92376	N	R	AN	7/1/2024	7/1/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2412722	90723	O		AH	6/17/2024	6/17/2024			1		2.34	
100026196350	93458	N	CI	AN	6/17/2024	6/17/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2412591	90275	N		AH	6/14/2024	6/14/2024			1		21.21	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2412507	90048	O		AH	6/13/2024	6/13/2024			1		21.21	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2412435	90210	O		AH	6/12/2024	6/12/2024			1		21.21	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2412386	93274	O		AH	6/12/2024	6/12/2024			1		3.48	
2412177	93656	O		AH	6/10/2024	6/10/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2412165	93224	O		AH	6/9/2024	6/9/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2412145	90280	O		AH	6/7/2024	6/7/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2412153	90077	O		AH	6/8/2024	6/8/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2412081	92707	O		AH	6/7/2024	6/7/2024			1		21.21	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
100026151480	91355	N	CI	AH	6/7/2024	6/7/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2412002	90631	O		AH	6/6/2024	6/6/2024			1		5.32	
100026140068	91732	N	CI	AN	6/5/2024	6/5/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2411773	91011	O		AH	6/3/2024	6/3/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2411761	90230	N		AN	6/3/2024	6/3/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2411736	92316	O		AH	6/3/2024	6/3/2024			1		14.53	
100026127426	91301	O	R	AN	8/21/2024	8/21/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026127207	93311	N	CI	AN	7/9/2024	7/9/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026126483	93250	N	CI	AN	7/24/2024	7/24/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026125738	92210	O	R	AN	7/5/2024	7/5/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2411605	90405	O		AH	5/31/2024	5/31/2024			1		21.21	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
100026115128	93550	N	CI	AN	5/31/2024	5/31/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2411589	90275	N		AH	5/27/2024	5/27/2024			1		21.21	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2411532	90012	O		AH	5/24/2024	5/25/2024			2		21.21	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2411515	92270	O		AH	5/30/2024	5/30/2024			1		2.26	
100026108390	91730	N	CI	AN	5/30/2024	5/30/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2411464	92225	O		AH	5/29/2024	5/30/2024			2		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2411360	92553	O		AH	5/28/2024	5/29/2024			2		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2411250	90503	O		AH	5/28/2024	5/28/2024			1		18.47	
2411253	92276	O		AH	5/27/2024	5/28/2024			2		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2411227	90058	O		AH	5/27/2024	5/28/2024			2		21.21	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2411226	90032	O		AH	5/27/2024	5/27/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2411195	91761	O		AH	5/24/2024	5/24/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2411179	91406	N		AN	5/24/2024	5/24/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2411121	91331	O		AH	5/23/2024	5/24/2024			2		27.34	
2411091	93312	O		AN	5/23/2024	8/23/2024			93	0.096	8.93	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2411080	90405	O		AH	5/23/2024	5/23/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2411022	91387	O		AH	5/22/2024	5/22/2024			1		8.24	
100026201896	92210	O	R	AN	6/18/2024	6/18/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026044225	91711	N	CI	AN	7/24/2024	7/24/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100026036774	92404	N	R	AN	5/20/2024	5/20/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2410662	90044	O		AH	5/19/2024	5/19/2024			1		21.21	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2410653	92335	O		AH	5/18/2024	5/18/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2410650	92284	N		AH	5/18/2024	5/18/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2410639	90712	O		AH	5/17/2024	5/17/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2410636	93257	O		AH	5/17/2024	5/17/2024			1		21.21	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2410546	91733	O		AH	5/16/2024	5/16/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
100026011026	93101	O	CI	AN	5/20/2024	5/20/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2410405	91501	O		AH	5/15/2024	5/15/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2410189	90221	O		AH	5/13/2024	5/13/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
100026035075	90023	O	CI	AN	5/20/2024	5/20/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100025991070	90023	O	CI	AN	5/20/2024	5/20/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100025990472	93561	N	CI	AN	5/13/2024	5/13/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100025993780	93561	N	CI	AN	5/13/2024	5/13/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2410100	92243	O		AH	5/11/2024	5/11/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2410059	93030	O		AH	5/10/2024	5/10/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2409962	92657	O		AH	5/9/2024	5/9/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2409929	90040	O		AH	5/9/2024	5/9/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2409851	91607	O		AH	5/8/2024	5/8/2024			1		5.25	
2409845	90670	O		AH	5/8/2024	5/8/2024			1		21.21	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2409816	90045	O		AH	5/7/2024	5/7/2024			1		51.40	
2409682	92887	O		AH	5/6/2024	5/6/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2409573	90011	O		AH	5/5/2024	5/5/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2409548	90249	O		AH	5/3/2024	5/3/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2409450	92503	O		AH	5/2/2024	5/2/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2409425	90275	N		AH	5/2/2024	5/2/2024			1		21.21	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2409426	92870	O		AH	5/2/2024	5/2/2024			1		77.89	
2409332	92270	O		AH	5/1/2024	5/1/2024			1		2.48	
100025943025	90250	O	CI	AN	5/1/2024	5/1/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100025942276	93551	N	CI	AN	5/1/2024	5/1/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100025942868	93551	N	CI	AN	5/1/2024	5/1/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2409262	90274	N		AN	5/1/2024	5/1/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2409234	92508	O		AH	5/1/2024	5/1/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
100025936411	93311	N	CI	AN	7/16/2024	7/16/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100025936380	93250	N	R	AN	7/19/2024	7/19/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100025936271	93245	O	R	AN	7/1/2024	7/1/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100025936173	91761	N	CI	AN	6/4/2024	6/4/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2409211	90059	O		AH	4/30/2024	4/30/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2409165	91352	O		AH	4/30/2024	4/30/2024			1		8.13	
2409104	90021	O		AH	4/29/2024	4/29/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2409107	90047	O		AH	4/29/2024	4/29/2024			1		21.21	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
100025919841	91423	O	CI	AN	4/29/2024	4/29/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2409016	93274	O		AH	4/27/2024	4/27/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2409017	91710	O		AH	4/27/2024	4/28/2024			2		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2408983	92782	O		AH	4/26/2024	4/26/2024			1		2.03	
2408940	91387	O		AH	4/26/2024	4/26/2024			1		8.67	
2408911	92780	O		AH	4/25/2024	4/25/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2408854	90057	O		AH	4/25/2024	4/25/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2408807	90249	O		AH	4/24/2024	4/24/2024			1		21.21	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2408800	93012	O		AH	4/24/2024	4/24/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2408746	92201	O		AH	4/24/2024	4/24/2024			1		22.77	
2408732	93270	N		AN	4/24/2024	5/6/2024			13	0.096	1.25	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
2408660	91401	O		AH	4/23/2024	4/23/2024			1		37.35	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2408603	92201	O		AH	4/22/2024	4/22/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2408485	90065	O		AH	4/20/2024	4/20/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2408472	92545	O		AH	4/19/2024	4/19/2024			1		22.99	
2408456	92627	O		AH	4/19/2024	4/19/2024			1		21.21	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2408391	92508	O		AH	4/18/2024	4/18/2024			1		19.50	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
2408381	91303	O		AH	4/18/2024	4/18/2024			1		21.21	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
100025851075	90250	N	CI	AN	4/23/2024	4/23/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100025848128	91701	N	R	AN	7/11/2024	7/11/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100025845810	93561	O	CI	AN	4/17/2024	4/17/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
100025843468	93561	N	CI	AN	4/17/2024	4/17/2024			1	0.096	0.10	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.



SoCalGas, June 13th, 2025

Rulemaking (R.) 15-01-008 to Adopt Rules and Procedures Governing Commission Regulated Natural Gas Pipelines and Facilities to Reduce Natural Gas Leaks Consistent with Senate Bill 1371, Leno.

In Response to Data Request, R15-01-008 2025 June Report

Appendix 6; Rev. 03/27/2025

Notes:

This worksheet is intended to capture the actual number of equipment and components in this asset category that vent emissions as a part of their design and normal function. By listing the number and types of components (not captured elsewhere in other templates) that vent emissions we hope to obtain information that may provide insight into how to evolve to a method of reporting emissions based on the actual number of units and types emitting rather than a crude population based estimate.

Currently, the component related leaks are accounted for in the population based estimate for MSAs and any estimate of emissions associated with this list of equipment and components will not be added to that total. This tab in not intended to replace or supplant the Vented and Blowdown Emissions tab which are activity based emissions.

No emissions estimates from this worksheet should be included in Appendix 8, as this is being collected for informational purposes at this time.
Use a formula-derived value with the formula used in the Annual Emissions column. Do not use a copy and paste-as-value.
At the end of Annual Emissions Column, add a summation total in a cell for a column total, and then highlight orange.
Response:

Customer Meter Component/Equipment Vented Emissions (Informational Purposes Only):

ID (Number of Devices)	Geographic Location	Device Type	Bleed Rate	Manufacturer	Number of Days Emitting	Engineering or Manufacturer's based Estimate of Emissions	Annual Emissions (Mscf)	Explanatory Notes / Comments
61		P			366	0.0576	1,286	Controllers Transmission
64		P			366	0.0576	1,349	Positioners Transmission
						Sum Total	**2,635**	

Identified MSA Leaks			
	Moved from Appendix 6 Damages to Appendix 6	Moved from Appendix 6 Identified MSA Leaks to Appendix 6	
Removed	Identified MSA Leaks	Damages	Added
2415777	2426498	2418068	2423074
2416958		2418067	2423075
2424156			2423071
2425162			2503444
2417243			2508654
2424837			2513127
2424582			2511915
2417350			2505244
2416086			
2418734			
2422296			
2424856			
2421753			
2422782			
2419783			
2424595			
2424439			
2415499			
2416797			
2425873			
2426031			

Header column "Comment" boxes displayed below for reference.	
In Response to Data Request, Description and Definition of Required Contents (IF not self-explanatory)	
Meter Leaks, Population Based	
Number of Meters	
Meter Type	CI = commercial or industrial meter R = residential meter
Emission Factor (Mscf/yr)	
Annual Emissions (Mscf)	
Identified MSA Leaks, Leaker	
ID	
Geographic Location	GIS, zip code, or equivalent
Meter Classification (Commercial/Industrial or Residential)	If available, indicate whether the meter is commercial or industrial "CI", or a residential "R" meter. If that information is not available then note as "N/A". CI = Commercial or Industrial R = Residential N/A = not available
Leak Classification (Grade)	AH = Above Ground Hazardous AN = Above Ground Non-hazardous AM = Above Ground Non-hazardous Minor If Above Ground, and operator uses the Bubble grading methodology with an alphanumric grade, then provide an explanation for the meaning each grade in the notes above the table. **For example:** A = grade A - Large Leak or equates to with AH above with an approximate EF of 10.2035 scfh. B = grade B - Equates to AN above with anapproximate EF of 0.5138 scfh. Etc. If the MSA leak is Below ground **and not included in DM&S**, then use the following grades: 1 = grade 1 2 = grade 2 3 = grade 3 N = Non-Graded
Leak Discovery Method	S = Routine Leak Survey M = O&M (e.g. O&M activities, third party reports, customer odor reports, etc.)
Discovery Date (DD/MM/YY)	
Leak Repair Date (MM/DD/YY)	Use the date the leak ceases emitting NG. The final repair may be completed after the leak has been stopped.
If not repaired by 12/31/xx List the Scheduled Date of Repair (DD/MM/YY)	If leak is open, specify the scheduled date of repair Otherwise type "M," signifying that the leak is being monitored with no scheduled date of repair Then, provide the reason for not scheduling a repair in Comments column.
Reason for Not Scheduling a Repair	If repair hasn't been scheduled, then provide the reason for not scheduling a repair in this column. If using a reason code, then provide a table with codes and corresponding explanations.
Number of Days Leaking	Leak Duration (in days) = End Date + 1 day - Start date End Date: The repair date or December 31st of subject year, which ever is earlier. Start Date: If discovered by survey use January 1st or prior survey date whichever is more recent, or if an O&M or customer called in leak, then use discovery date for start of the leak. (Leaks carried over should use January 1st as start date for emissions calculations.) For O&M discovered leaks, assume that the leak begins with the discovery date thru repair date or December 31st of subject year, whichever is earlier.
Number of Days to Repair.	Leak Discovery date minus repair date or 12/31 of the subject year plus 1 = number of days to repair for the subject year. Addition of 1 day to include the date repaired.
Comments or Additional Information	
Meter Leaks, Leak Count, Leaker	
Meter Classification (AG-Haz, AG-Non-Haz); Bubble Size Category	Utilities should add rows according to their bubble size categories and nomenclature, and should include a no-bubble category. For example, include a row for each: Foam/ Indeterminate; Bubbles; Soap Blown Off; and No Bubbles.
Total System Meters per survey Cycle	
Meters on Annual Survey [$M_{X,A}$]	
Meters on Multi-Year Survey Cycles [M_{S}^{Tot}]	
Survey Interval (yrs) [I]	
Meters Surveyed Annually from Multi-Year Survey Cycles [$M_{X,I}$]	

In Response to Data Request, Description and Definition of Required Contents (IF not self-explanatory)	
Total # of Leaks Detected from Survey [$N_{X,L}$]	
Annual Leak Rate [Leaks / Meter]	$R_X = \frac{N_{X,L}}{M_{X,A} + (I \times M_{X,I})}$
# of Unknown Leaks	$N_{X,unk} = \overline{R_X} \times (M_X^{Tot} - M_{X,I}) \times \frac{I}{2}$ If the operator changed the leak survey cycle during the report year that requires more detailed calculations based on the approved calculation methodology to determine the number of unknown leaks an additional worksheet may be added to show the calculations.
Total # of Leaks Detected from O&M* [$N_{X,O}$]	
All Damages	
ID	
Geographic Location	GIS, zip code, or equivalent
Damage Type	E = Excavation Damage N = natural force damage O = other outside force damage
Meter Type	CI = commercial or industrial meter R = residential meter
Leak Classification (Grade)	AH = Above Ground Hazardous AN = Above Ground Non-hazardous AM = Above Ground Non-hazardous Minor
Discovery Date (DD/MM/YY)	
Leak Repair Date (MM/DD/YY)	Use the date the leak ceases emitting NG. The final repair may be completed after the leak has been stopped.
If not repaired by 12/31/xx List the Scheduled Date of Repair (DD/MM/YY)	If leak is open, specify the scheduled date of repair. Otherwise type "M," signifying that the leak is being monitored with no scheduled date of repair. Then, provide the reason for not scheduling a repair in the Column provided.
Reason for Not Scheduling a Repair	Provide the reason for not scheduling a repair.
Number of Days Leaking	If date and time stamp are reliable and used consistently by respondent, then emissions may be calculated based on actual time leaking. E.G. Repair time - damage event time = duration of event. If respondent has average or historical leak duration based on the nature and circumstances of damages, then these may be applied to like damage events. The emissions factors should be adequately supported and explained in the filing. If actual time stamps and historical averages are not available, then whole days should be used in the engineering calculation. The leak begins with the damage event date thru repair date or December 31st of subject year, whichever is later. E.G. Days Leaking = Repair date - date of damage + 1 day.
Engineering Estimate (Mscf/Day)	
Annual Emissions (Mscf)	
Explanatory Notes / Comments	
Vented and Blowdown Emissions	
Number of Blowdowns	For metering set assembly (MSA)
Meter Type	CI = commercial or industrial meter R = residential meter
Emission Factor (Mscf/event)	
Annual Emissions (Mscf)	
Explanatory Notes / Comments	
Component Vented Emissions	
ID	
Geographic Location	GIS, zip code, or equivalent
Device Type	C = connector OE = open-ended line M = meter P = pneumatic device PR = pressure relief valve V = valve O = other devices
Bleed Rate	L = low bleed I = intermittent bleed H = high bleed NA = not applicable
Manufacturer	
Number of Days Emitting	Because the emissions are a factor of design or function, these emissions counted for the entire year.
Engineering or Manufacturer's based Estimate of Emissions	
Annual Emissions (Mscf)	The emissions should be based on 365 days times the actual volume emitting if known, or the approved Emissions Factor. Note whether the emissions are based on actual volumetric measures in the next column.
Explanatory Notes / Comments	