

Supplemental Data

Atmospheric rivers that make landfall in India are associated with flooding

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Supplemental Data 1: Atmospheric River (AR) catalog. List of all 574 AR events (based on main text (Equation 4) severity score) in the monsoon season in India. The ARs were identified using daily IVT derived from ERA5 reanalysis (see main text methods section for more details). This information can be used as a reference for further studies related to hydrological applications, agricultural impacts, and climate change and water resources management. Flood flag 1 indicates when the AR was associated with any flood event; whereas flood flag 0 represents when no AR was present during the period 1985-2020. The flood flag for the years before 1985 is not available and marked as NaN. The severity class as per Ralph et al., (2019) has also shown alongside.

Monsoon season ARs (1951-2020)																	
Rank	Start			End			Duration (days)	total area (km2)	Total length (km)	Maximum IVT (kg/m/s)	Mean IVT (kg/m/s)	nd area (km2)	Land max IVT (kg/m/s)	Land mean IVT (kg/m/s)	Flood flag	Severity score (0-1)	Severity class (Ralph et al., 2019)
	Year	Month	Day	Year	Month	Day											
1	1989	7	21	1989	7	25	5	11688000	7508	1423	556	1810500	1274	754	1	0.74	5
2	1979	8	6	1979	8	9	4	14941250	8594	1423	553	2031875	1286	724	NaN	0.73	5
3	2004	6	14	2004	6	14	1	6190000	4323	1258	630	1870000	1172	737	1	0.71	3
4	2014	7	22	2014	7	22	1	5125000	4043	1070	696	1785000	1070	718	1	0.62	3
5	2006	7	1	2006	7	3	3	14146667	7380	1462	562	1416667	1212	751	1	0.56	4
6	1973	7	5	1973	7	11	7	11662500	7521	1283	552	1730357	1092	688	NaN	0.52	5
7	2019	8	4	2019	8	10	7	15175714	8274	1464	537	1501429	1162	714	1	0.51	5
8	1973	6	14	1973	6	16	3	17445000	8650	1062	492	2429167	976	625	NaN	0.49	3
9	2005	6	29	2005	6	29	1	3252500	3932	1197	699	1367500	1197	709	1	0.45	3
10	1997	8	21	1997	8	22	2	10818750	7211	1458	579	1802500	1053	654	1	0.45	4
11	1972	9	11	1972	9	12	2	9175000	6723	1285	492	1997500	1266	637	NaN	0.44	5
12	1991	7	26	1991	7	30	5	8970500	7174	1196	568	1322000	1066	708	1	0.44	5
13	1958	7	8	1958	7	11	4	9488750	6385	1271	540	1718750	1055	653	NaN	0.42	5
14	2007	6	26	2007	7	7	12	10092708	7158	1261	544	1721667	1107	647	1	0.40	5
15	1993	7	15	1993	7	15	1	6380000	4688	1230	583	1560000	1230	659	1	0.40	3
16	1965	7	26	1965	7	29	4	6249375	5588	1208	587	1824375	1053	633	NaN	0.39	5
17	2016	7	9	2016	7	9	1	9625000	6482	1138	576	1462500	1060	665	1	0.38	3
18	1962	7	10	1962	7	13	4	14947500	7960	1210	553	1435000	978	665	NaN	0.38	4
19	2007	8	4	2007	8	6	3	7249167	6985	1340	623	1231667	1095	688	1	0.37	4
20	2005	7	1	2005	7	1	1	2680000	3759	1024	638	1397500	1024	663	1	0.36	3
21	1996	7	21	1996	7	27	7	11767857	8332	1443	560	1378929	1019	662	1	0.35	5
22	1978	8	13	1978	8	15	3	11250833	6347	1473	512	1656667	1100	632	NaN	0.35	4
23	2014	8	5	2014	8	6	2	5496250	4886	1035	613	1610000	1035	635	1	0.35	4
24	2013	7	31	2013	8	2	3	12901667	9774	1352	551	1269167	989	672	0	0.34	3
25	2018	7	15	2018	7	15	1	16722500	7849	1315	543	1132500	1042	692	1	0.34	3
26	2004	6	16	2004	6	18	3	6364167	5598	999	564	1881667	979	612	1	0.34	3
27	2005	7	25	2005	8	1	8	10622500	7637	1182	542	1384688	956	653	1	0.34	4
28	2017	7	22	2017	7	25	4	3323125	4440	1119	574	1696875	1108	622	1	0.33	5
29	1963	7	5	1963	7	7	3	5732500	5424	1149	634	1176667	952	676	NaN	0.33	3
30	2006	7	27	2006	7	29	3	6934167	7035	1139	540	1511667	1027	634	1	0.32	4
31	2013	7	22	2013	7	27	6	8872500	7734	1124	575	1059167	1026	689	0	0.31	5
32	1964	8	5	1964	8	6	2	11301250	7809	1343	583	1021250	1039	696	NaN	0.31	4
33	1979	6	28	1979	6	28	1	9192500	6101	1489	512	1310000	929	649	NaN	0.31	2
34	2000	6	6	2000	6	8	3	6929167	5419	1197	561	1795000	1116	608	1	0.31	4
35	1997	7	26	1997	8	1	7	7156429	5991	1205	573	1346429	997	644	1	0.31	4
36	2019	7	26	2019	7	30	5	4477000	4972	1047	588	1573000	964	618	1	0.30	4
37	2020	8	2	2020	8	5	4	13433125	8580	1278	557	870625	1022	720	1	0.30	5
38	1971	7	19	1971	7	19	1	4847500	5577	1017	509	1092500	983	671	NaN	0.29	2
39	2006	7	5	2006	7	5	1	5015000	4213	973	522	1900000	943	596	1	0.29	2
40	2008	8	8	2008	8	12	5	9338500	7138	1201	532	1587000	1024	615	1	0.29	5
41	2000	7	11	2000	7	12	2	8840000	6587	1207	524	1491250	991	621	1	0.29	3
42	2005	9	12	2005	9	15	4	7465625	5363	1246	507	2073750	1188	586	1	0.29	5
43	1984	8	1	1984	8	4	4	3058750	3590	1044	594	1243125	1015	645	NaN	0.29	5
44	2016	7	2	2016	7	5	4	7373750	7501	1122	606	1331875	991	635	1	0.29	4
45	1961	7	1	1961	7	12	12	7678750	6769	1101	554	1471458	937	621	NaN	0.28	4
46	1960	6	29	1960	7	3	5	11219500	8253	1333	534	1257500	1022	641	NaN	0.28	5
47	2015	6	19	2015	6	20	2	9796250	6635	1398	610	1228750	1035	644	1	0.28	4
48	1997	8	24	1997	8	26	3	6661667	5167	1057	490	1699167	1013	602	1	0.28	4
49	2015	6	22	2015	6	27	6	10180417	7419	1300	544	1443750	1110	620	1	0.28	5
50	2007	8	8	2007	8	9	2	8346250	6592	1106	520	1515000	930	614	1	0.27	3
51	1979	6	22	1979	6	26	5	11073000	8058	1264	541	1166500	1003	649	NaN	0.27	5
52	1955	6	27	1955	6	28	2	7478750	5920	1237	608	1240000	987	639	NaN	0.27	3
53	1951	8	8	1951	8	8	1	10682500	9054	882	490	1570000	839	609	NaN	0.27	2
54	1970	8	17	1970	8	18	2	11750000	8198	1123	522	1573750	906	608	NaN	0.27	3
55	1981	8	7	1981	8	11	5	7397000	7278	1074	487	1402500	982	621	NaN	0.27	4
56	2009	7	12	2009	7	18	7	9226429	7060	1273	546	1381429	1021	622	1	0.27	5
57	2006	7	31	2006	8	2	3	3966667	3854	1082	597	1322500	1022	628	1	0.27	4
58	1996	6	19	1996	6	23	5	8760000	8007	1279	526	1416000	1224	618	1	0.27	5
59	2007	9	22	2007	9	23	2	12413750	8034	1352	511	1626250	1292	600	1	0.26	5
60	1978	8	26	1978	8	28	3	10790000	7160	1615	544	1455000	949	611	NaN	0.26	3
61	2014	7	18	2014	7	20	3	6817500	5551	1667	545	1425000	937	612	1	0.25	3
62	2003	7	23	2003	7	30	8	8765000	6103	1170	557	1352188	944	617	1	0.25	4
63	1967	7	24	1967	8	5	13	10555000	7354	1132	524	1282692	960	622	NaN	0.25	4
64	2008	7	27	2008	7	29	3	11472500	6683	1097	559	1556667	880	600	1	0.25	3

65	1969	7	31	1969	7	31	1	6120000	5339	1045	512	1282500	908	622	NaN	0.25	2
66	1986	7	20	1986	7	23	4	3838750	4932	1090	603	1251250	980	625	1	0.25	4
67	1983	6	26	1983	6	27	2	7297500	5217	1009	587	1317500	927	616	NaN	0.24	3
68	1966	9	3	1966	9	6	4	5826250	4957	1004	511	1811250	930	583	NaN	0.24	4
69	2017	7	16	2017	7	19	4	10953750	7037	1348	532	996250	1056	654	1	0.24	5
70	1952	8	1	1952	8	2	2	5741250	6199	1035	524	1057500	896	645	NaN	0.24	3
71	1994	7	6	1994	7	13	8	7986563	6943	1186	562	1280000	970	618	1	0.24	4
72	1957	8	19	1957	8	23	5	11256500	6771	1341	537	1414000	1041	606	NaN	0.24	5
73	1986	8	8	1986	8	13	6	9781667	7108	1243	571	1303750	953	614	1	0.24	4
74	1991	7	20	1991	7	22	3	10020833	7985	1152	542	1325000	982	611	1	0.23	3
75	1975	8	11	1975	8	14	4	14773750	9194	1225	511	1743125	877	582	NaN	0.23	4
76	1995	8	28	1995	9	3	7	12184286	7654	1451	503	1307500	970	611	1	0.23	4
77	2018	8	11	2018	8	16	6	12470417	7984	1170	534	1050000	917	639	1	0.23	4
78	2006	8	5	2006	8	8	4	3992500	5819	1060	502	1321875	1037	609	1	0.23	5
79	2011	6	18	2011	6	19	2	4467500	5453	1327	560	1380000	1327	604	1	0.23	5
80	1959	7	10	1959	7	10	1	6925000	5681	1029	616	1320000	1003	608	NaN	0.23	3
81	2010	8	3	2010	8	3	1	4202500	4335	867	556	1337500	867	606	0	0.22	2
82	2004	7	31	2004	8	11	12	5514792	5174	1001	582	1171875	876	620	1	0.22	4
83	2013	6	15	2013	6	17	3	10480833	7307	1022	546	1616667	1019	585	1	0.22	4
84	2018	9	20	2018	9	21	2	4140000	3830	1087	549	1321250	1075	604	1	0.22	4
85	2009	9	5	2009	9	8	4	13312500	7707	1327	509	1320000	1325	604	1	0.22	5
86	1964	8	8	1964	8	12	5	11306000	7619	1298	576	1093500	944	626	NaN	0.22	4
87	1977	6	25	1977	6	27	3	4008333	6934	979	544	1197500	979	614	NaN	0.22	3
88	1970	9	2	1970	9	3	2	3728750	4599	1221	603	1221250	1186	611	NaN	0.21	4
89	1997	8	3	1997	8	5	3	7483333	5686	1300	603	1565833	1028	583	1	0.21	4
90	1959	7	1	1959	7	6	6	8365417	7040	1152	535	1371667	997	595	NaN	0.21	4
91	1956	7	2	1956	7	8	7	6398571	5616	1016	520	1460714	868	589	NaN	0.21	4
92	2018	7	19	2018	7	22	4	11270000	7386	1271	532	1099375	989	619	1	0.21	4
93	1951	7	24	1951	7	26	3	9547500	5849	1200	590	1486667	947	587	NaN	0.21	3
94	1968	7	4	1968	7	9	6	5038750	5873	1044	599	1121667	858	614	NaN	0.20	4
95	2019	7	3	2019	7	5	3	5006667	4914	1124	623	1158333	922	610	1	0.20	3
96	1963	8	9	1963	8	12	4	9440625	6492	1083	517	1193125	913	605	NaN	0.20	4
97	1979	8	1	1979	8	3	3	11591667	7923	1464	549	875000	919	645	NaN	0.20	3
98	2011	9	1	2011	9	1	1	9315000	6027	1086	484	1707500	1032	572	1	0.20	3
99	1974	8	11	1974	8	17	7	10697500	6804	1226	561	1070714	1065	616	NaN	0.20	5
100	2010	7	22	2010	7	28	7	9230357	6167	1087	542	1135357	953	609	1	0.19	4
101	1975	6	26	1975	6	27	2	7255000	6462	1373	604	993750	972	625	NaN	0.19	3
102	2008	9	16	2008	9	17	2	5208750	5160	1161	531	1560000	1154	578	1	0.19	4
103	1952	7	28	1952	7	28	1	9115000	9400	1125	524	897500	907	638	NaN	0.19	2
104	1999	7	19	1999	7	21	3	5670000	6476	890	502	1381667	789	587	0	0.19	3
105	1968	8	3	1968	8	3	1	2922500	3884	958	611	1385000	958	586	NaN	0.19	2
106	2019	8	1	2019	8	2	2	9577500	9522	1238	532	686250	918	679	1	0.19	3
107	1993	7	19	1993	7	19	1	2902500	5172	1046	463	1382500	1046	585	1	0.19	3
108	1989	7	29	1989	7	29	1	4627500	6867	1091	532	1557500	1068	574	1	0.18	3
109	1991	8	22	1991	8	22	1	5037500	4695	1061	552	1302500	1061	589	1	0.18	3
110	1956	8	5	1956	8	5	1	3120000	6969	933	550	1330000	933	587	NaN	0.18	2
111	1970	7	1	1970	7	6	6	4575000	5042	1022	568	1130000	909	602	NaN	0.18	4
112	2014	7	16	2014	7	16	1	4075000	5086	1029	518	1245000	900	591	1	0.18	2
113	2010	8	6	2010	8	6	1	1667500	2357	854	554	1232500	854	592	0	0.18	2
114	1958	8	29	1958	9	1	4	7580625	5968	1031	525	1594375	948	570	NaN	0.18	4
115	1993	6	14	1993	6	18	5	4123000	5729	1335	625	914000	1093	624	1	0.18	5
116	1983	8	11	1983	8	13	3	9144167	5925	1055	516	681667	961	669	NaN	0.17	3
117	1999	6	20	1999	6	23	4	3933125	4988	995	550	1320625	899	584	0	0.17	4
118	1953	6	18	1953	6	18	1	5867500	6687	1222	563	985000	1079	612	NaN	0.17	3
119	2007	6	21	2007	6	21	1	9200000	5895	1194	635	1080000	1174	601	1	0.17	3
120	1990	8	13	1990	8	15	3	6749167	5789	1108	539	1079167	934	600	1	0.17	3
121	2016	6	28	2016	6	30	3	13073333	7772	1062	536	757500	878	646	1	0.17	3
122	1954	7	5	1954	7	5	1	7105000	5701	1085	592	1217500	834	587	NaN	0.17	2
123	1964	6	27	1964	6	30	4	7778750	6912	995	536	1018125	846	605	NaN	0.17	4
124	1991	7	24	1991	7	24	1	7145000	5188	1054	548	1187500	785	589	1	0.17	2
125	1983	7	19	1983	7	22	4	10758125	8285	1170	554	1202500	909	588	NaN	0.17	4
126	1995	7	21	1995	7	26	6	6682917	6901	974	475	1305417	931	581	0	0.17	4
127	1966	7	23	1966	7	29	7	8316429	7375	1303	535	763929	890	641	NaN	0.17	4
128	1965	7	12	1965	7	15	4	8606250	6128	1758	599	1161250	911	590	NaN	0.16	4
129	1964	7	2	1964	7	6	5	11720500	8283	1413	562	924000	931	615	NaN	0.16	4
130	1984	8	15	1984	8	16	2	3671250	5721	1032	611	1017500	948	603	NaN	0.16	3
131	1991	7	13	1991	7	18	6	9712500	8290	1273	554	759583	884	641	1	0.16	4
132	2013	8	19	2013	8	21	3	5720833	5544	1384	554	1379167	1057	574	0	0.16	4

133	1998	7	1	1998	7	6	6	7063750	7112	1044	552	1329583	886	577	0	0.16	4
134	1986	6	20	1986	6	29	10	8475750	6628	1079	524	1639500	923	561	1	0.16	4
135	2020	8	12	2020	8	16	5	5269500	5850	1097	556	980000	928	604	1	0.16	4
136	1996	6	13	1996	6	14	2	10837500	6480	1413	550	541250	1229	698	1	0.16	4
137	1980	6	25	1980	7	2	8	6522188	6210	1206	539	1064375	851	594	NaN	0.16	4
138	2006	8	12	2006	8	16	5	10208000	7409	1015	533	1657000	895	559	1	0.16	4
139	1973	8	30	1973	8	31	2	5511250	6827	927	486	1572500	927	562	NaN	0.16	3
140	1999	7	26	1999	7	27	2	8800000	6150	1303	584	907500	832	610	0	0.15	3
141	2014	8	31	2014	9	4	5	6766500	6249	1038	464	1717000	1038	556	1	0.15	5
142	1988	7	30	1988	8	2	4	7203750	5815	1125	537	1145000	910	585	1	0.15	4
143	1972	6	28	1972	7	7	10	9058000	6318	1204	524	1169750	905	583	NaN	0.15	4
144	1983	7	2	1983	7	4	3	4495000	6922	1002	556	1527500	879	563	NaN	0.15	3
145	1991	6	7	1991	6	11	5	5939000	5211	1031	548	1196000	980	580	1	0.15	4
146	1980	6	21	1980	6	22	2	6251250	4622	969	534	1661250	878	557	NaN	0.15	3
147	1998	7	29	1998	7	29	1	11632500	8520	919	524	1050000	823	591	0	0.15	2
148	1965	7	19	1965	7	21	3	4928333	4666	974	595	1353333	872	570	NaN	0.15	3
149	1996	8	1	1996	8	2	2	6692500	7190	1677	667	1186250	857	579	1	0.15	3
150	1995	8	12	1995	8	12	1	4877500	7212	1480	471	1460000	981	564	0	0.15	2
151	2009	7	6	2009	7	10	5	4779500	5171	997	582	810000	868	619	1	0.15	4
152	1966	7	17	1966	7	17	1	10695000	7393	1024	528	757500	871	626	NaN	0.15	2
153	2012	8	3	2012	8	5	3	5755000	6975	1095	555	1305000	891	570	1	0.15	3
154	1982	8	11	1982	8	24	14	7562679	6964	1096	510	1108571	893	583	NaN	0.15	4
155	2002	8	11	2002	8	18	8	10672500	7443	1246	506	1464063	854	562	1	0.14	4
156	2011	7	18	2011	7	20	3	5685833	6850	1012	571	1223333	815	575	1	0.14	3
157	1959	9	12	1959	9	13	2	4258750	4716	956	493	1576250	956	557	NaN	0.14	3
158	1999	8	6	1999	8	9	4	4143750	5314	1060	583	1078125	882	583	0	0.14	4
159	1990	7	1	1990	7	3	3	6068333	5507	919	584	1450833	814	561	1	0.14	3
160	2011	6	21	2011	6	22	2	1895000	4191	1029	514	1067500	1029	584	1	0.14	4
161	1969	9	6	1969	9	7	2	8935000	6115	1053	489	1558750	858	556	NaN	0.14	3
162	2000	7	16	2000	7	18	3	6120000	6329	1193	568	1251667	860	570	1	0.14	3
163	1994	7	16	1994	7	21	6	5423333	6678	947	551	1115417	798	579	1	0.14	4
164	1957	7	6	1957	7	6	1	7015000	6745	1064	578	465000	857	705	NaN	0.14	2
165	2015	7	9	2015	7	9	1	5670000	5918	1148	505	1307500	1148	566	1	0.14	3
166	1992	8	17	1992	8	20	4	8189375	7762	963	498	1201250	841	572	1	0.14	4
167	1992	6	20	1992	6	20	1	5652500	4458	1001	552	1757500	968	548	1	0.14	2
168	1993	7	8	1993	7	12	5	8801500	6401	964	521	1336000	848	564	1	0.13	4
169	1968	7	26	1968	7	29	4	9375625	6494	1174	554	729375	813	621	NaN	0.13	4
170	1952	7	30	1952	7	30	1	8200000	9257	1024	527	1210000	876	569	NaN	0.13	2
171	2014	7	30	2014	7	30	1	5530000	7996	999	505	850000	891	601	1	0.13	2
172	1993	7	21	1993	7	21	1	3237500	5906	902	390	1372500	896	560	1	0.13	2
173	1976	7	31	1976	8	3	4	10869375	6795	922	489	1236250	870	566	NaN	0.13	4
174	1988	7	5	1988	7	6	2	5591250	7779	927	538	1760000	862	546	1	0.13	3
175	1968	9	12	1968	9	12	1	5610000	4108	1011	574	1300000	1011	562	NaN	0.13	3
176	1964	9	24	1964	9	24	1	7095000	5263	1214	528	1657500	1214	548	NaN	0.13	3
177	1977	7	24	1977	7	30	7	7325357	6367	1074	539	1152500	824	570	NaN	0.13	4
178	1978	8	30	1978	8	31	2	4570000	4909	974	503	1732500	974	546	NaN	0.13	3
179	1971	8	28	1971	8	31	4	5436875	5960	973	475	1433750	965	555	NaN	0.13	4
180	1998	6	29	1998	6	29	1	13182500	7250	1087	497	1057500	894	575	0	0.12	2
181	1987	8	24	1987	8	29	6	7353333	6582	1104	523	1626667	964	548	0	0.12	4
182	1962	7	18	1962	7	24	7	6631071	6086	1142	555	1086786	817	573	NaN	0.12	4
183	2005	9	18	2005	9	19	2	9940000	6515	1448	452	1715000	1291	545	1	0.12	5
184	1960	8	1	1960	8	3	3	8050833	5926	969	512	713333	850	613	NaN	0.12	3
185	1997	6	21	1997	6	28	8	5542813	5702	1112	549	1047188	1035	575	1	0.12	5
186	1960	8	14	1960	8	17	4	3974375	5970	1018	537	1091875	950	571	NaN	0.12	4
187	1990	8	22	1990	8	24	3	4462500	5189	869	507	1536667	869	549	1	0.12	3
188	2019	8	15	2019	8	16	2	5452500	5334	873	529	1080000	873	571	1	0.12	3
189	1969	8	2	1969	8	2	1	5162500	5682	901	520	1155000	783	566	NaN	0.12	2
190	1953	8	17	1953	8	19	3	8264167	6339	994	476	1069167	895	571	NaN	0.12	3
191	1952	7	24	1952	7	26	3	6555000	6687	1099	522	677500	926	615	NaN	0.12	3
192	2012	6	18	2012	6	18	1	16107500	9305	1808	517	765000	941	601	1	0.12	2
193	1959	7	29	1959	8	1	4	2973125	5221	966	634	827500	804	593	NaN	0.12	4
194	1971	6	23	1971	6	26	4	3393750	4330	814	517	1190000	783	563	NaN	0.12	4
195	2000	8	22	2000	8	28	7	10567857	8014	1177	501	723214	886	606	1	0.12	4
196	2001	7	9	2001	7	17	9	4217778	4412	900	551	1416944	840	552	1	0.12	4
197	1972	8	13	1972	8	14	2	1465000	2219	984	546	1028750	984	572	NaN	0.12	3
198	2001	7	6	2001	7	7	2	13916250	8243	1319	568	678750	857	611	1	0.11	3
199	1981	8	13	1981	8	14	2	5166250	5522	1027	570	1371250	791	552	NaN	0.11	3
200	1954	7	8	1954	7	8	1	6517500	4818	992	562	1372500	819	552	NaN	0.11	2

201	1997	7	9	1997	7	11	3	6585833	6454	901	479	1825833	843	539	1	0.11	3
202	1977	7	3	1977	7	6	4	4143125	5099	1069	594	963125	792	575	NaN	0.11	4
203	1976	6	4	1976	6	6	3	5865000	7580	1055	517	1299167	1021	554	NaN	0.11	4
204	1955	9	1	1955	9	4	4	5948125	6109	1001	471	1587500	925	544	NaN	0.11	4
205	2006	6	29	2006	6	29	1	15847500	9426	1239	527	745000	805	597	1	0.11	2
206	2013	7	11	2013	7	12	2	7718750	6567	1010	542	1168750	850	560	1	0.11	3
207	1975	7	17	1975	7	18	2	1798750	3164	1136	538	1181250	1136	558	NaN	0.11	4
208	1960	8	9	1960	8	9	1	10735000	6155	916	509	1072500	893	563	NaN	0.11	2
209	1976	7	16	1976	7	19	4	5349375	5515	1019	544	1076250	860	563	NaN	0.11	4
210	1968	7	11	1968	7	11	1	3867500	6739	860	460	1560000	860	543	NaN	0.11	2
211	1992	8	14	1992	8	15	2	3453750	4083	1082	613	940000	883	572	1	0.11	3
212	1991	8	24	1991	8	25	2	6720000	5526	809	494	1761250	809	537	1	0.11	3
213	1992	6	17	1992	6	17	1	6635000	5491	1064	602	685000	1064	601	1	0.11	3
214	1953	8	5	1953	8	15	11	8158864	6867	1227	527	840682	955	581	NaN	0.10	4
215	1981	6	21	1981	6	21	1	5075000	4377	955	602	762500	955	590	NaN	0.10	2
216	1969	8	14	1969	8	16	3	1452500	2359	1029	507	1108333	1029	560	NaN	0.10	4
217	1975	8	19	1975	8	19	1	1937500	3997	1324	503	982500	1324	568	NaN	0.10	4
218	1961	6	24	1961	6	25	2	8672500	7474	1173	564	1043750	1008	564	NaN	0.10	4
219	1994	7	29	1994	8	1	4	13700625	8462	1045	505	991875	819	567	1	0.10	4
220	1996	8	6	1996	8	6	1	4350000	7155	1176	532	1295000	887	550	1	0.10	2
221	1984	6	12	1984	6	16	5	7099500	7763	1094	535	1143000	902	557	NaN	0.10	4
222	1980	8	7	1980	8	7	1	2630000	3863	1015	559	1185000	856	555	NaN	0.10	2
223	1967	7	3	1967	7	3	1	6020000	4260	935	574	1422500	935	545	NaN	0.10	2
224	1989	7	31	1989	7	31	1	3375000	5376	714	491	1427500	714	545	1	0.10	1
225	2019	7	7	2019	7	13	7	5243214	6836	1023	548	1518929	953	542	1	0.10	4
226	1986	7	7	1986	7	8	2	4140000	5490	1003	490	1177500	1003	554	1	0.10	4
227	1958	7	3	1958	7	3	1	11387500	6859	965	513	415000	826	668	NaN	0.10	2
228	2020	8	18	2020	8	26	9	3381111	4569	994	547	1151667	940	555	1	0.10	4
229	1973	7	14	1973	7	19	6	6084583	5937	1162	587	748750	822	587	NaN	0.10	4
230	1955	6	30	1955	6	30	1	1717500	2886	1111	510	1265000	1111	550	NaN	0.10	3
231	1959	6	26	1959	6	28	3	12105833	7490	1291	544	678333	986	595	NaN	0.10	3
232	1998	6	14	1998	6	14	1	7670000	6279	983	554	970000	896	565	0	0.10	2
233	1978	6	18	1978	6	25	8	6309063	6051	1064	537	1180625	887	553	NaN	0.10	4
234	1960	6	26	1960	6	26	1	5115000	6662	967	588	475000	867	641	NaN	0.10	2
235	2005	6	25	2005	6	26	2	5897500	9466	1042	500	692500	804	593	1	0.10	3
236	1982	7	22	1982	7	26	5	2439000	3933	909	572	764500	818	583	NaN	0.10	4
237	1958	7	15	1958	7	18	4	8058125	6522	1258	578	763125	804	582	NaN	0.10	4
238	1976	8	5	1976	8	6	2	2425000	4211	855	504	1262500	855	548	NaN	0.10	3
239	1953	6	26	1953	6	26	1	3442500	4293	863	551	1592500	859	538	NaN	0.10	2
240	2012	9	4	2012	9	8	5	8856500	5611	970	479	1526500	925	539	0	0.10	4
241	1982	7	28	1982	7	28	1	7020000	6696	1671	568	987500	836	562	NaN	0.10	2
242	1983	7	26	1983	7	27	2	6083750	6164	991	532	878750	991	570	NaN	0.10	3
243	2013	6	22	2013	6	28	7	7211071	7183	1056	562	1261786	879	548	1	0.09	4
244	2020	6	16	2020	6	17	2	12130000	8529	1059	538	875000	928	570	1	0.09	3
245	1990	6	17	1990	6	17	1	8685000	5656	1372	572	1027500	936	559	1	0.09	2
246	1976	7	21	1976	7	21	1	6860000	6052	883	525	997500	809	560	NaN	0.09	2
247	1980	7	4	1980	7	7	4	3388125	4887	880	536	965000	767	562	NaN	0.09	4
248	2017	8	27	2017	8	28	2	12940000	7116	858	483	1277500	849	546	1	0.09	3
249	2015	7	24	2015	7	30	7	3789643	5314	1272	579	803929	947	575	1	0.09	4
250	1973	7	22	1973	7	23	2	2381250	4724	892	506	1293750	892	545	NaN	0.09	3
251	1961	6	9	1961	6	13	5	4358000	5097	1050	600	1134500	971	551	NaN	0.09	4
252	1996	8	8	1996	8	8	1	2317500	3276	818	516	1170000	818	549	1	0.09	2
253	1985	7	30	1985	7	31	2	4245000	6299	935	540	775000	774	576	1	0.09	3
254	1998	6	9	1998	6	10	2	3296250	4148	1328	485	1663750	1328	534	0	0.09	5
255	1970	7	9	1970	7	13	5	4126500	5572	983	527	1002000	837	557	NaN	0.09	4
256	1959	8	17	1959	8	17	1	2342500	3421	933	484	1467500	933	538	NaN	0.09	2
257	1994	8	28	1994	8	30	3	10131667	7073	1121	475	1560833	852	535	1	0.09	3
258	1962	8	14	1962	8	14	1	6562500	6694	983	490	1475000	886	538	NaN	0.09	2
259	1994	8	17	1994	8	17	1	2870000	2966	1062	598	955000	825	559	1	0.09	2
260	1997	8	28	1997	8	29	2	7526250	6861	1492	532	1036250	1012	554	1	0.09	4
261	1998	7	9	1998	7	9	1	8562500	8284	926	487	742500	745	577	0	0.09	1
262	1957	6	25	1957	6	28	4	2679375	4486	1058	609	604375	821	596	NaN	0.09	4
263	2011	8	7	2011	8	11	5	2236000	3252	993	530	1243000	993	544	1	0.09	4
264	2008	6	28	2008	6	30	3	2442500	3998	863	563	1119167	797	549	1	0.09	3
265	1962	9	19	1962	9	22	4	7316875	6892	1178	441	1921875	1166	528	NaN	0.08	5
266	2006	9	1	2006	9	1	1	3760000	7174	1036	426	987500	1036	555	1	0.08	3
267	1951	8	6	1951	8	6	1	9950000	8764	1050	520	902500	925	561	NaN	0.08	2
268	1981	8	4	1981	8	4	1	5315000	5724	980	540	692500	878	581	NaN	0.08	2

269	1994	9	3	1994	9	6	4	8947500	5770	957	456	1828750	833	529	1	0.08	4
270	1983	6	24	1983	6	24	1	5787500	5677	1136	646	597500	834	595	NaN	0.08	2
271	2019	9	1	2019	9	9	9	10625556	8694	1081	482	1005000	840	554	1	0.08	4
272	2020	7	5	2020	7	5	1	13962500	8524	1099	525	690000	1077	580	1	0.08	3
273	1962	7	16	1962	7	16	1	1667500	2411	965	579	692500	965	579	NaN	0.08	2
274	2016	8	16	2016	8	17	2	14081250	9527	1441	532	828750	996	565	1	0.08	3
275	1959	8	24	1959	8	27	4	11388750	7916	916	461	1063750	815	550	NaN	0.08	4
276	2002	6	20	2002	6	23	4	5140625	6050	1105	551	626250	915	588	1	0.08	4
277	2010	6	12	2010	6	16	5	6537000	8211	1126	550	497500	889	613	0	0.08	4
278	1969	7	26	1969	7	29	4	6864375	5697	1668	631	713125	856	575	NaN	0.08	4
279	1994	6	26	1994	6	29	4	2268125	3373	1092	601	893125	968	558	1	0.08	4
280	2018	8	19	2018	8	22	4	8076250	6012	957	498	1139375	830	545	1	0.08	4
281	1989	6	29	1989	6	29	1	2162500	5442	972	579	632500	896	583	0	0.08	2
282	2014	8	2	2014	8	2	1	4192500	4459	925	549	925000	759	555	1	0.08	2
283	2017	8	30	2017	8	30	1	8807500	5326	949	487	1210000	919	541	0	0.08	2
284	2001	6	11	2001	6	12	2	6586250	5704	1259	566	1103750	866	545	1	0.08	3
285	2015	9	16	2015	9	17	2	11976250	8365	1018	450	1662500	962	530	0	0.08	3
286	1984	7	16	1984	7	16	1	3607500	3556	1028	601	585000	797	589	NaN	0.08	2
287	1973	8	26	1973	8	26	1	9442500	8016	1126	468	1290000	942	538	NaN	0.08	2
288	2011	8	13	2011	8	14	2	1563750	2470	1141	507	1178750	1141	542	1	0.08	4
289	1980	8	26	1980	8	27	2	11360000	7102	1101	468	1740000	1004	528	NaN	0.08	4
290	1997	7	7	1997	7	7	1	3577500	6013	904	593	547500	808	595	1	0.08	2
291	2009	7	24	2009	7	24	1	1747500	2447	924	520	897500	924	554	1	0.08	2
292	1961	8	22	1961	8	22	1	12242500	7883	975	477	972500	864	550	NaN	0.08	2
293	1980	6	19	1980	6	19	1	5732500	6102	1177	493	1075000	822	545	NaN	0.08	2
294	2020	8	28	2020	8	29	2	1430000	2368	828	530	1068750	828	545	1	0.07	3
295	1966	6	30	1966	7	1	2	3188750	4689	1014	477	1145000	1014	541	NaN	0.07	4
296	1953	8	21	1953	8	21	1	5745000	8868	1128	557	760000	764	563	NaN	0.07	2
297	1990	7	22	1990	7	23	2	3283750	4053	894	577	763750	754	562	1	0.07	3
298	1994	6	10	1994	6	17	8	6833438	7311	1110	578	861563	838	555	1	0.07	4
299	2004	6	11	2004	6	12	2	7655000	5303	1308	585	847500	923	555	1	0.07	3
300	1957	7	17	1957	7	21	5	3977000	4670	1082	540	1044500	960	544	NaN	0.07	4
301	1983	8	3	1983	8	3	1	3252500	4967	1343	584	382500	1234	633	NaN	0.07	3
302	1985	8	3	1985	8	8	6	4568333	4892	890	537	927917	817	549	1	0.07	4
303	1992	7	18	1992	7	23	6	6047083	6087	963	563	815833	877	556	1	0.07	4
304	1980	6	6	1980	6	6	1	9695000	9759	1083	465	1287500	916	534	NaN	0.07	2
305	1951	6	11	1951	6	12	2	8546250	7041	1257	530	868750	920	550	NaN	0.07	3
306	1988	7	14	1988	7	15	2	6665000	7314	913	500	652500	751	568	1	0.07	3
307	2019	6	13	2019	6	14	2	6713750	5149	2219	574	506250	1667	590	1	0.07	5
308	1975	8	21	1975	8	22	2	1828750	3902	1096	476	1108750	1096	538	NaN	0.07	4
309	1956	7	11	1956	7	15	5	2526500	3720	858	563	1073000	820	539	NaN	0.06	4
310	1963	6	7	1963	6	7	1	8165000	7368	1340	525	847500	1159	549	NaN	0.06	3
311	1959	7	17	1959	7	17	1	5720000	4908	1273	601	485000	818	590	NaN	0.06	2
312	1953	6	22	1953	6	24	3	4718333	4561	1354	565	1035833	1021	539	NaN	0.06	4
313	1959	9	9	1959	9	10	2	5176250	6580	1076	497	1531250	880	526	NaN	0.06	3
314	1975	6	29	1975	6	29	1	1965000	2630	869	560	1187500	869	534	NaN	0.06	2
315	2012	7	20	2012	7	21	2	2162500	3041	1024	607	617500	800	568	1	0.06	3
316	2008	6	14	2008	6	14	1	6322500	5617	1155	576	1625000	868	524	1	0.06	2
317	2017	6	29	2017	7	3	5	4054500	6615	928	546	863000	812	547	1	0.06	4
318	1977	8	5	1977	8	5	1	1957500	2589	968	605	795000	732	551	NaN	0.06	1
319	1990	8	18	1990	8	20	3	8105833	7209	1676	588	1125833	856	535	1	0.06	3
320	1981	7	6	1981	7	8	3	3385000	4097	1155	605	756667	764	554	NaN	0.06	3
321	1959	7	23	1959	7	23	1	5682500	4401	886	520	1397500	798	528	NaN	0.06	2
322	2002	8	4	2002	8	9	6	4971667	6084	1348	619	450417	788	595	1	0.06	4
323	1988	6	8	1988	6	10	3	3525833	3841	1109	652	648333	999	561	1	0.06	3
324	1960	7	10	1960	7	12	3	5405833	8813	1080	545	1213333	746	531	NaN	0.06	2
325	1966	7	20	1966	7	20	1	4782500	4896	1011	576	1015000	777	538	NaN	0.06	2
326	1961	9	10	1961	9	10	1	11382500	9963	1064	440	1582500	889	523	NaN	0.06	2
327	1971	6	3	1971	6	6	4	9818750	8419	1258	499	1715000	957	521	NaN	0.06	4
328	2012	8	9	2012	8	11	3	3667500	5732	846	537	998333	782	536	1	0.06	3
329	1988	9	23	1988	9	23	1	7762500	5834	1030	453	2150000	1030	516	1	0.06	3
330	1988	7	26	1988	7	28	3	4968333	5674	938	456	492500	863	578	1	0.06	3
331	2001	8	14	2001	8	14	1	1392500	2159	865	591	657500	791	556	1	0.06	2
332	1954	7	11	1954	7	15	5	3748500	6617	907	536	1040500	839	534	NaN	0.06	4
333	1994	7	3	1994	7	3	1	1600000	3075	845	538	937500	824	538	1	0.05	2
334	1989	6	9	1989	6	11	3	7315833	7402	1795	573	707500	1186	551	0	0.05	4
335	1957	9	1	1957	9	1	1	1325000	2998	1215	490	837500	1215	542	NaN	0.05	3
336	1958	7	21	1958	7	25	5	3842500	5607	995	536	1105500	791	531	NaN	0.05	4

337	1993	8	1	1993	8	1	1	6290000	4676	906	556	532500	737	569	1	0.05	1
338	1978	9	2	1978	9	2	1	4565000	5376	1121	496	1802500	1121	519	NaN	0.05	3
339	1958	9	9	1958	9	9	1	13110000	7361	1314	474	1845000	977	518	NaN	0.05	2
340	1963	7	9	1963	7	10	2	2776250	4969	844	513	845000	724	541	NaN	0.05	2
341	1985	6	23	1985	6	27	5	7819000	5823	1566	593	668000	826	553	1	0.05	4
342	2004	8	20	2004	8	20	1	6275000	4384	875	533	1555000	854	522	1	0.05	2
343	2013	6	30	2013	6	30	1	2215000	2955	873	509	1400000	873	524	1	0.05	2
344	1971	7	22	1971	7	22	1	5752500	4909	1289	566	727500	768	548	NaN	0.05	2
345	2013	9	20	2013	9	20	1	15650000	8507	1230	455	1822500	824	518	0	0.05	2
346	1964	8	14	1964	8	16	3	3696667	5712	938	536	1343333	821	525	NaN	0.05	3
347	1981	7	1	1981	7	2	2	6840000	7522	1104	480	1902500	782	517	NaN	0.05	3
348	1991	8	13	1991	8	17	5	10166500	8453	1556	548	647000	744	554	1	0.05	3
349	1972	7	14	1972	7	15	2	8776250	6375	1111	535	506250	939	570	NaN	0.05	3
350	1954	6	6	1954	6	7	2	9511250	8807	1063	496	378750	911	597	NaN	0.05	3
351	1952	7	22	1952	7	22	1	1550000	2275	1158	661	415000	1036	587	NaN	0.05	3
352	1969	8	8	1969	8	9	2	5343750	7124	1165	562	995000	813	533	NaN	0.05	3
353	1969	7	14	1969	7	16	3	4211667	5365	1048	544	715000	792	547	NaN	0.05	3
354	2004	8	14	2004	8	15	2	5453750	5178	816	499	825000	686	540	1	0.05	2
355	1959	9	30	1959	10	1	2	9701250	8135	1212	448	1397500	1212	523	NaN	0.05	4
356	1984	7	14	1984	7	14	1	2745000	4850	923	610	245000	813	661	NaN	0.05	2
357	1975	7	14	1975	7	15	2	2336250	5072	859	500	958750	746	533	NaN	0.05	2
358	1993	8	15	1993	8	15	1	3352500	5916	863	563	427500	722	581	1	0.05	1
359	1977	9	12	1977	9	12	1	7992500	5351	842	471	1262500	836	525	NaN	0.05	2
360	2006	7	23	2006	7	23	1	1475000	3706	971	626	450000	843	576	1	0.05	2
361	2011	6	10	2011	6	10	1	2360000	3890	931	536	527500	809	563	1	0.05	2
362	1967	8	17	1967	8	19	3	6417500	5475	993	519	1161667	810	527	NaN	0.05	3
363	1954	8	8	1954	8	12	5	9111000	9038	938	509	754500	767	542	NaN	0.05	4
364	1989	7	17	1989	7	18	2	10295000	8524	1951	625	276250	815	633	1	0.05	3
365	2006	8	18	2006	8	20	3	2360833	3554	835	524	873333	832	536	1	0.05	3
366	1963	8	26	1963	8	27	2	6347500	5746	863	504	687500	762	546	NaN	0.05	3
367	1999	7	14	1999	7	15	2	5127500	5356	890	508	1026250	781	529	0	0.05	3
368	2020	7	7	2020	7	7	1	6192500	5410	1014	546	387500	1014	583	1	0.05	3
369	2019	7	1	2019	7	1	1	4512500	4828	1323	598	382500	862	583	1	0.04	2
370	1989	8	22	1989	8	24	3	8552500	6230	971	498	712500	770	541	0	0.04	3
371	1970	9	5	1970	9	6	2	3247500	4400	914	483	1476250	914	519	NaN	0.04	3
372	1968	6	14	1968	6	15	2	2588750	4286	1082	642	861250	1082	533	NaN	0.04	4
373	1982	6	3	1982	6	3	1	9982500	6769	1410	573	412500	1274	574	NaN	0.04	4
374	1974	8	7	1974	8	9	3	4686667	7035	1115	550	560000	782	552	NaN	0.04	3
375	2014	9	6	2014	9	7	2	5681250	5118	875	525	1442500	737	519	1	0.04	2
376	1954	7	24	1954	7	26	3	2724167	4987	1032	482	775833	960	536	NaN	0.04	3
377	2017	6	10	2017	6	13	4	2950000	4572	1211	610	511250	934	556	1	0.04	4
378	1963	7	1	1963	7	2	2	4837500	5672	1091	566	310000	821	601	NaN	0.04	3
379	2008	6	17	2008	6	18	2	3790000	4837	1196	522	1753750	1129	515	1	0.04	4
380	2009	6	7	2009	6	7	1	5355000	5170	1030	538	367500	745	581	0	0.04	1
381	1973	8	13	1973	8	13	1	6155000	5788	892	463	1012500	841	526	NaN	0.04	2
382	1989	8	18	1989	8	18	1	6992500	5839	947	467	1137500	718	523	0	0.04	1
383	2004	7	16	2004	7	19	4	3169375	5416	1018	578	825000	831	531	1	0.04	4
384	1982	8	2	1982	8	2	1	2092500	4223	1160	525	265000	1155	615	NaN	0.04	3
385	1980	8	20	1980	8	22	3	6939167	7277	977	477	491667	764	555	NaN	0.04	3
386	2011	8	2	2011	8	4	3	3190000	4889	971	547	370833	768	576	1	0.04	3
387	1961	9	6	1961	9	7	2	2987500	4270	982	533	1187500	885	521	NaN	0.04	3
388	1961	6	28	1961	6	28	1	10277500	9783	896	466	225000	822	641	NaN	0.04	2
389	2012	7	2	2012	7	2	1	3492500	3548	909	610	362500	781	578	1	0.04	2
390	1980	8	3	1980	8	3	1	2205000	3331	887	552	1047500	754	524	NaN	0.04	2
391	1959	7	8	1959	7	8	1	3550000	5093	827	518	322500	704	588	NaN	0.04	1
392	1961	8	20	1961	8	20	1	13580000	9642	1044	483	700000	719	536	NaN	0.04	1
393	1988	7	21	1988	7	21	1	7980000	5936	817	484	420000	718	563	1	0.04	1
394	2019	6	28	2019	6	28	1	2192500	3563	891	529	265000	756	609	1	0.04	2
395	1977	7	20	1977	7	22	3	11990833	8723	1374	538	200833	837	657	NaN	0.04	3
396	1975	7	8	1975	7	8	1	1550000	2619	859	579	245000	765	620	NaN	0.04	2
397	1983	8	15	1983	8	16	2	12998750	8285	942	474	1288750	832	518	NaN	0.04	3
398	1981	9	27	1981	9	27	1	3987500	5145	978	409	1740000	978	513	NaN	0.04	2
399	1951	7	28	1951	7	28	1	7480000	5125	1052	510	605000	752	540	NaN	0.04	2
400	1961	8	4	1961	8	5	2	2946250	4317	997	513	875000	796	527	NaN	0.04	3
401	2011	9	6	2011	9	7	2	10488750	7029	980	437	1603750	980	514	1	0.04	3
402	1978	7	30	1978	7	30	1	8652500	6577	1206	574	262500	761	606	NaN	0.04	2
403	1975	9	8	1975	9	9	2	7948750	6157	971	479	1435000	831	516	NaN	0.04	3
404	1965	8	24	1965	8	24	1	1710000	2657	1101	601	905000	1066	525	NaN	0.03	3

405	1982	8	7	1982	8	7	1	3100000	3190	1095	583	460000	816	552	NaN	0.03	2
406	1975	6	17	1975	6	18	2	12121250	7566	1034	518	382500	899	564	NaN	0.03	3
407	1967	7	19	1967	7	19	1	2037500	2690	769	450	1410000	769	515	NaN	0.03	2
408	1962	8	11	1962	8	11	1	3267500	5778	1043	488	302500	787	584	NaN	0.03	2
409	1979	7	29	1979	7	29	1	12500000	9518	1156	537	307500	728	581	NaN	0.03	1
410	1992	6	23	1992	6	23	1	2800000	3172	1098	565	482500	845	548	1	0.03	2
411	1970	8	27	1970	8	28	2	3116250	5628	816	471	1162500	816	518	NaN	0.03	3
412	2006	9	21	2006	9	22	2	8157500	6722	1080	450	1278750	996	516	1	0.03	3
413	2020	9	19	2020	9	21	3	9342500	7023	1154	499	847500	860	525	0	0.03	3
414	2014	6	18	2014	6	18	1	6870000	5290	907	522	470000	685	547	0	0.03	1
415	1979	7	7	1979	7	8	2	7012500	5314	965	560	388750	820	558	NaN	0.03	3
416	2000	8	1	2000	8	2	2	1708750	4096	941	452	678750	941	531	1	0.03	3
417	1995	7	13	1995	7	16	4	2906250	4711	903	588	526875	722	540	0	0.03	3
418	1953	6	29	1953	7	5	7	6736786	7010	1215	613	248571	718	596	NaN	0.03	3
419	1990	6	13	1990	6	14	2	5742500	4763	1092	581	657500	886	530	0	0.03	3
420	1954	9	4	1954	9	5	2	6972500	5745	723	434	1647500	723	511	NaN	0.03	2
421	1963	8	14	1963	8	15	2	1926250	3250	918	559	385000	684	554	NaN	0.03	2
422	1967	8	29	1967	8	30	2	6548750	6546	950	522	1277500	761	514	NaN	0.03	3
423	1969	7	12	1969	7	12	1	8085000	6448	865	495	205000	760	617	NaN	0.03	2
424	1977	8	21	1977	8	22	2	5138750	5743	1337	573	632500	773	530	NaN	0.03	3
425	2008	7	8	2008	7	8	1	1827500	2738	896	602	217500	883	607	1	0.03	2
426	2006	8	22	2006	8	22	1	2275000	4069	1003	557	550000	816	535	1	0.03	2
427	2011	9	4	2011	9	4	1	5362500	4723	837	473	1550000	837	512	1	0.03	2
428	1954	8	3	1954	8	5	3	10213333	7556	1114	568	265833	780	580	NaN	0.03	3
429	1965	6	14	1965	6	16	3	4020833	5212	886	593	275000	703	576	NaN	0.03	2
430	1957	7	14	1957	7	14	1	4595000	4988	885	486	1510000	762	511	NaN	0.03	2
431	2007	7	14	2007	7	16	3	4981667	5066	1066	529	366667	914	551	1	0.03	3
432	1956	8	17	1956	8	17	1	1832500	3987	1058	558	352500	1007	553	NaN	0.03	3
433	2005	8	6	2005	8	6	1	6777500	7178	881	495	1847500	772	509	1	0.02	2
434	1972	8	27	1972	8	27	1	3865000	5454	1388	559	885000	814	518	NaN	0.02	2
435	1954	9	1	1954	9	1	1	9900000	8688	1059	481	497500	663	533	NaN	0.02	1
436	2016	6	26	2016	6	26	1	12752500	8218	1020	503	387500	707	544	1	0.02	1
437	1987	7	4	1987	7	12	9	2622222	4030	1049	542	227222	796	585	0	0.02	4
438	2017	7	11	2017	7	13	3	1653333	3619	868	497	875833	868	517	1	0.02	3
439	1965	8	1	1965	8	1	1	3357500	5626	833	550	212500	697	586	NaN	0.02	1
440	1964	8	23	1964	8	23	1	3850000	5039	973	502	1225000	897	512	NaN	0.02	2
441	1958	8	15	1958	8	17	3	2117500	4547	874	504	465833	697	532	NaN	0.02	2
442	1959	8	29	1959	8	31	3	8505833	7923	974	462	1096667	733	513	NaN	0.02	2
443	1973	9	3	1973	9	3	1	3062500	4498	820	500	1190000	820	512	NaN	0.02	2
444	1963	9	13	1963	9	13	1	8290000	7224	954	464	1742500	887	508	NaN	0.02	2
445	1994	7	1	1994	7	1	1	1255000	2353	843	540	760000	843	518	1	0.02	2
446	1959	6	5	1959	6	7	3	3869167	6176	1020	579	385000	669	538	NaN	0.02	2
447	1958	7	13	1958	7	13	1	8477500	8713	958	520	977500	771	514	NaN	0.02	2
448	2011	8	29	2011	8	30	2	11008750	6721	1063	480	1708750	813	508	1	0.02	3
449	1973	8	17	1973	8	17	1	3347500	3529	925	558	375000	724	538	NaN	0.02	1
450	1982	6	15	1982	6	16	2	4557500	6722	1033	609	271250	691	555	NaN	0.02	2
451	1976	7	7	1976	7	11	5	3033500	4849	1007	581	403000	731	533	NaN	0.02	3
452	1998	7	11	1998	7	14	4	2990625	5220	843	484	821875	716	515	0	0.02	3
453	1990	7	11	1990	7	12	2	4272500	5297	862	539	531250	717	523	1	0.02	2
454	2011	7	10	2011	7	10	1	4427500	6050	746	475	512500	664	524	1	0.02	1
455	1994	8	26	1994	8	26	1	5095000	4056	983	526	1487500	765	508	1	0.02	2
456	1977	6	16	1977	6	16	1	2305000	3427	829	628	362500	762	535	NaN	0.02	2
457	1984	6	18	1984	6	18	1	11110000	8546	1087	454	2270000	818	505	NaN	0.02	2
458	1969	8	6	1969	8	6	1	1895000	3160	997	554	295000	680	545	NaN	0.02	1
459	1951	9	5	1951	9	6	2	7508750	7922	1058	473	623750	870	518	NaN	0.02	3
460	2004	7	8	2004	7	9	2	3010000	5356	901	466	1398750	901	508	1	0.02	3
461	2003	8	27	2003	8	28	2	2798750	3898	992	537	827500	782	513	1	0.02	3
462	1999	8	2	1999	8	3	2	5172500	4897	917	567	350000	766	535	0	0.02	3
463	1987	8	17	1987	8	22	6	10480417	8727	1227	482	387500	779	531	0	0.02	4
464	2000	9	1	2000	9	1	1	6045000	6145	1076	534	1542500	1076	507	1	0.02	3
465	2008	6	9	2008	6	9	1	3812500	4210	982	545	1060000	847	510	1	0.02	2
466	1980	6	15	1980	6	15	1	11222500	9661	1047	506	280000	724	544	NaN	0.02	1
467	1997	7	1	1997	7	5	5	3365500	4939	898	549	159500	750	594	1	0.02	3
468	1958	6	21	1958	6	21	1	3885000	6608	885	515	782500	766	513	NaN	0.02	2
469	2011	6	28	2011	6	30	3	3205833	5699	895	482	1395833	895	507	1	0.02	3
470	1971	8	8	1971	8	9	2	2576250	4982	911	526	911250	809	511	NaN	0.02	3
471	1955	8	9	1955	8	10	2	2895000	5404	733	448	403750	729	527	NaN	0.02	2
472	1977	8	29	1977	8	29	1	2315000	3799	861	526	817500	690	512	NaN	0.02	1

473	2010	8	30	2010	8	30	1	7445000	6569	870	479	1132500	764	509	1	0.02	2
474	2015	7	17	2015	7	20	4	4846250	6092	1119	610	173125	737	579	1	0.02	3
475	2018	6	9	2018	6	10	2	11707500	8094	1370	514	1243750	948	508	1	0.01	3
476	1994	8	19	1994	8	20	2	1946250	2640	766	528	1026250	738	509	1	0.01	2
477	2012	6	22	2012	6	22	1	3147500	4604	1008	584	435000	848	523	1	0.01	2
478	1990	6	24	1990	6	24	1	4100000	3691	840	442	552500	748	517	1	0.01	1
479	1968	6	22	1968	6	22	1	4057500	5079	758	491	272500	592	538	NaN	0.01	1
480	1959	8	9	1959	8	9	1	2387500	4694	859	544	257500	715	539	NaN	0.01	1
481	2017	8	11	2017	8	11	1	6505000	8393	795	493	1560000	795	505	1	0.01	2
482	2020	6	11	2020	6	13	3	4263333	5348	898	565	468333	686	519	1	0.01	2
483	1988	8	25	1988	8	25	1	2040000	4875	870	476	635000	824	513	1	0.01	2
484	1993	8	19	1993	8	20	2	4285000	4777	1637	614	487500	739	517	1	0.01	2
485	1983	6	20	1983	6	20	1	1760000	3490	1330	612	1015000	1277	508	NaN	0.01	4
486	1991	6	19	1991	6	19	1	2572500	3570	746	467	840000	642	509	1	0.01	1
487	1988	6	25	1988	6	26	2	1821250	3186	984	540	212500	811	546	1	0.01	3
488	1978	7	9	1978	7	9	1	3167500	5938	855	436	287500	668	531	NaN	0.01	1
489	1955	7	24	1955	7	25	2	1923750	4133	868	450	376250	868	522	NaN	0.01	3
490	2006	7	13	2006	7	16	4	8793125	6594	1392	596	262500	693	533	1	0.01	3
491	1998	9	14	1998	9	14	1	14585000	7988	988	442	1932500	789	504	1	0.01	2
492	1951	7	12	1951	7	12	1	2922500	4055	904	470	490000	904	515	NaN	0.01	2
493	1952	7	11	1952	7	11	1	2015000	3990	885	447	527500	885	514	NaN	0.01	2
494	1955	9	30	1955	9	30	1	5605000	4434	1131	513	1372500	1131	505	NaN	0.01	3
495	2012	7	26	2012	7	28	3	1888333	3061	861	521	305000	709	526	1	0.01	2
496	2010	9	5	2010	9	5	1	3025000	4695	862	523	677500	813	510	1	0.01	2
497	1951	8	10	1951	8	10	1	3762500	5199	771	474	522500	669	513	NaN	0.01	1
498	1964	6	24	1964	6	25	2	1980000	3716	867	609	667500	672	510	NaN	0.01	2
499	1977	6	10	1977	6	11	2	3350000	3613	1554	643	233750	1016	534	NaN	0.01	4
500	2001	8	19	2001	8	19	1	5682500	5377	1042	560	585000	704	511	1	0.01	1
501	2009	6	29	2009	6	29	1	2377500	3503	868	523	202500	868	540	1	0.01	2
502	2003	8	20	2003	8	20	1	6897500	6225	1130	544	312500	703	523	1	0.01	1
503	1951	6	18	1951	6	21	4	6725625	7812	1068	553	117500	798	595	NaN	0.01	4
504	1995	8	3	1995	8	3	1	2020000	5398	789	469	457500	769	514	0	0.01	2
505	1957	8	7	1957	8	7	1	2217500	5070	871	464	415000	772	516	NaN	0.01	2
506	1980	6	17	1980	6	17	1	4315000	7787	1051	548	435000	944	514	NaN	0.01	2
507	1966	6	28	1966	6	28	1	2132500	2624	1223	572	1000000	936	506	NaN	0.01	2
508	1991	6	26	1991	6	26	1	2647500	6503	903	624	95000	774	639	1	0.01	2
509	1986	7	13	1986	7	13	1	5282500	4444	861	584	297500	632	522	1	0.01	1
510	1956	6	14	1956	6	14	1	2327500	3779	803	474	245000	784	526	NaN	0.01	2
511	2010	6	24	2010	6	24	1	14597500	8533	921	535	145000	782	556	1	0.01	2
512	1973	8	19	1973	8	20	2	3830000	4739	888	488	851250	708	506	NaN	0.01	2
513	1998	6	23	1998	6	23	1	10980000	9152	846	497	290000	718	521	0	0.01	1
514	1951	9	10	1951	9	10	1	6065000	4968	1148	471	1157500	1148	504	NaN	0.01	3
515	1965	6	27	1965	6	27	1	2937500	4581	907	509	360000	756	515	NaN	0.01	2
516	1956	6	28	1956	6	29	2	8162500	7523	976	513	235000	731	526	NaN	0.01	2
517	2007	8	12	2007	8	12	1	5410000	7365	1353	548	1227500	876	504	1	0.01	2
518	1965	6	29	1965	6	29	1	1905000	3601	1116	531	240000	809	523	NaN	0.01	2
519	1995	6	10	1995	6	10	1	7960000	8007	1100	520	120000	820	567	1	0.01	2
520	2005	6	21	2005	6	21	1	2232500	3334	897	541	302500	777	517	1	0.01	2
521	1987	6	18	1987	6	18	1	5727500	5803	1086	652	157500	706	540	0	0.01	1
522	2020	6	3	2020	6	4	2	2146250	2861	965	496	1623750	940	503	0	0.01	3
523	1982	8	26	1982	8	26	1	3900000	4544	914	523	497500	689	509	NaN	0.01	1
524	1995	7	1	1995	7	1	1	6260000	6471	890	572	175000	762	530	1	0.01	2
525	1972	6	21	1972	6	21	1	2520000	3411	1049	510	225000	810	520	NaN	0.01	2
526	2012	7	23	2012	7	23	1	7655000	5661	1810	572	262500	649	516	1	0.01	1
527	2010	9	7	2010	9	7	1	3805000	4170	778	520	1180000	752	503	1	0.01	2
528	1960	7	5	1960	7	5	1	2250000	2729	969	523	767500	955	505	NaN	0.01	2
529	2001	7	19	2001	7	19	1	1652500	2579	840	533	285000	684	514	1	0.01	1
530	1965	6	22	1965	6	23	2	1602500	4051	876	522	540000	801	506	NaN	0.01	3
531	2000	6	21	2000	6	21	1	2190000	4043	998	549	322500	836	512	1	0.01	2
532	1951	7	30	1951	7	31	2	8897500	8241	1347	495	672500	666	505	NaN	0.00	2
533	1979	7	13	1979	7	13	1	3207500	5044	896	535	740000	799	504	NaN	0.00	2
534	2006	7	9	2006	7	9	1	1977500	4140	819	478	990000	776	503	1	0.00	2
535	1982	7	30	1982	7	31	2	5601250	6173	1253	601	146250	643	529	NaN	0.00	2
536	2017	6	16	2017	6	16	1	2027500	4000	927	567	112500	918	546	1	0.00	2
537	1989	7	27	1989	7	27	1	3285000	3904	1321	598	267500	1034	511	1	0.00	3
538	1957	7	10	1957	7	10	1	2175000	3552	890	625	820000	675	503	NaN	0.00	1
539	1985	6	30	1985	6	30	1	4355000	4741	1105	607	417500	699	507	1	0.00	1
540	1995	6	15	1995	6	15	1	2340000	4109	1156	484	352500	930	508	1	0.00	2

541	1957	6	3	1957	6	4	2	7646250	8825	1065	523	121250	678	534	NaN	0.00	2
542	1967	6	19	1967	6	19	1	3272500	5127	937	532	407500	695	506	NaN	0.00	1
543	1985	8	14	1985	8	14	1	9710000	7106	902	462	327500	657	508	1	0.00	1
544	1995	6	19	1995	6	19	1	2680000	3175	917	480	197500	768	514	1	0.00	2
545	2006	6	1	2006	6	1	1	7625000	6330	1149	476	1070000	985	502	1	0.00	2
546	1969	7	23	1969	7	24	2	7687500	8938	948	507	126250	678	525	NaN	0.00	2
547	1980	9	4	1980	9	4	1	5517500	5212	927	449	1090000	927	502	NaN	0.00	2
548	1990	9	4	1990	9	4	1	7467500	6554	826	438	1247500	792	502	1	0.00	2
549	2018	8	27	2018	8	27	1	9945000	8682	1017	455	757500	697	502	1	0.00	1
550	1968	6	12	1968	6	12	1	5997500	7516	1060	621	742500	826	502	NaN	0.00	2
551	1951	8	3	1951	8	3	1	4495000	4310	1079	597	67500	734	641	NaN	0.00	1
552	2020	8	9	2020	8	9	1	6715000	5924	786	479	117500	717	521	1	0.00	1
553	1975	9	6	1975	9	6	1	3550000	3849	743	482	1465000	709	501	NaN	0.00	1
554	1980	7	21	1980	7	22	2	6075000	5598	2075	678	103750	649	524	NaN	0.00	2
555	2003	9	8	2003	9	8	1	5342500	4582	801	478	832500	793	502	1	0.00	2
556	1957	8	17	1957	8	17	1	9022500	6209	1339	553	75000	635	560	NaN	0.00	1
557	2001	6	18	2001	6	18	1	1660000	2358	862	523	1215000	862	501	1	0.00	2
558	1970	7	27	1970	7	27	1	2577500	4949	874	545	240000	646	506	NaN	0.00	1
559	1994	6	19	1994	6	19	1	4060000	4953	947	519	527500	866	502	1	0.00	2
560	1965	6	25	1965	6	25	1	2190000	4426	928	520	67500	662	587	NaN	0.00	1
561	2019	8	23	2019	8	23	1	2745000	3155	822	546	77500	643	542	1	0.00	1
562	1983	6	18	1983	6	18	1	2297500	3516	907	474	277500	863	504	NaN	0.00	2
563	1965	7	7	1965	7	7	1	3610000	4868	821	467	1637500	821	501	NaN	0.00	2
564	1961	7	19	1961	7	19	1	3717500	6271	893	539	72500	633	546	NaN	0.00	1
565	1994	8	10	1994	8	10	1	2247500	4094	907	560	160000	606	506	1	0.00	1
566	1970	7	18	1970	7	19	2	3565000	5762	977	574	90000	620	516	NaN	0.00	2
567	1984	6	20	1984	6	20	1	7447500	4773	961	501	72500	658	521	NaN	0.00	1
568	1962	8	4	1962	8	4	1	8387500	7627	902	516	522500	682	501	NaN	0.00	1
569	1951	8	21	1951	8	21	1	1617500	4264	874	477	62500	638	536	NaN	0.00	1
570	2013	9	4	2013	9	4	1	1495000	3324	756	365	332500	756	501	0	0.00	2
571	1998	8	11	1998	8	11	1	1290000	3132	789	456	462500	726	501	0	0.00	1
572	1993	8	10	1993	8	10	1	3857500	3793	992	577	115000	670	501	1	0.00	1
573	1961	9	2	1961	9	2	1	4817500	7630	907	449	917500	770	500	NaN	0.00	2
574	1987	8	15	1987	8	15	1	4995000	5746	1838	617	57500	628	501	0	0.00	1