

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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Year	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
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1. *Introduction*

2. *Background*

3. *Methods*

4. *Results*

5. *Discussion*

6. *Conclusion*

7. *References*

8. *Appendix*

9. *Supplementary Materials*

10. *Author Contributions*

11. *Funding*

12. *Data Availability Statement*

13. *Conflict of Interest*

14. *Publisher's Note*

15. *Copyright*

16. *References*

17. *Appendix*

18. *Supplementary Materials*

19. *Author Contributions*

20. *Funding*

21. *Data Availability Statement*

22. *Conflict of Interest*

23. *Publisher's Note*

24. *Copyright*

25. *References*

26. *Appendix*

27. *Supplementary Materials*

28. *Author Contributions*

29. *Funding*

30. *Data Availability Statement*

31. *Conflict of Interest*

32. *Publisher's Note*

33. *Copyright*

34. *References*

35. *Appendix*

36. *Supplementary Materials*

37. *Author Contributions*

38. *Funding*

39. *Data Availability Statement*

40. *Conflict of Interest*

41. *Publisher's Note*

42. *Copyright*

43. *References*

44. *Appendix*

45. *Supplementary Materials*

46. *Author Contributions*

47. *Funding*

48. *Data Availability Statement*

49. *Conflict of Interest*

50. *Publisher's Note*

51. *Copyright*

52. *References*

53. *Appendix*

54. *Supplementary Materials*

55. *Author Contributions*

56. *Funding*

57. *Data Availability Statement*

58. *Conflict of Interest*

59. *Publisher's Note*

60. *Copyright*

61. *References*

62. *Appendix*

63. *Supplementary Materials*

64. *Author Contributions*

65. *Funding*

66. *Data Availability Statement*

67. *Conflict of Interest*

68. *Publisher's Note*

69. *Copyright*

70. *References*

71. *Appendix*

72. *Supplementary Materials*

73. *Author Contributions*

74. *Funding*

75. *Data Availability Statement*

76. *Conflict of Interest*

77. *Publisher's Note*

78. *Copyright*

79. *References*

80. *Appendix*

81. *Supplementary Materials*

82. *Author Contributions*

83. *Funding*

84. *Data Availability Statement*

85. *Conflict of Interest*

86. *Publisher's Note*

87. *Copyright*

88. *References*

89. *Appendix*

90. *Supplementary Materials*

91. *Author Contributions*

92. *Funding*

93. *Data Availability Statement*

94. *Conflict of Interest*

95. *Publisher's Note*

96. *Copyright*

97. *References*

98. *Appendix*

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101. *Funding*

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103. *Conflict of Interest*

104. *Publisher's Note*

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110. *Funding*

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112. *Conflict of Interest*

113. *Publisher's Note*

114. *Copyright*

115. *References*

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119. *Funding*

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121. *Conflict of Interest*

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123. *Copyright*

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129. *Data Availability Statement*

130. *Conflict of Interest*

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132. *Copyright*

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145. *Author Contributions*

146. *Funding*

147. *Data Availability Statement*

148. *Conflict of Interest*

149. *Publisher's Note*

150. *Copyright*

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154. *Author Contributions*

155. *Funding*

156. *Data Availability Statement*

157. *Conflict of Interest*

158. *Publisher's Note*

159. *Copyright*

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161. *Appendix*

162. *Supplementary Materials*

163. *Author Contributions*

164. *Funding*

165. *Data Availability Statement*

166. *Conflict of Interest*

167. *Publisher's Note*

168. *Copyright*

169. *References*

170. *Appendix*

171. *Supplementary Materials*

172. *Author Contributions*

173. *Funding*

174. *Data Availability Statement*

175. *Conflict of Interest*

176. *Publisher's Note*

177. *Copyright*

178. *References*

179. *Appendix*

180. *Supplementary Materials*

181. *Author Contributions*

182. *Funding*

183. *Data Availability Statement*

184. *Conflict of Interest*

185. *Publisher's Note*

186. *Copyright*

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188. *Appendix*

189. *Supplementary Materials*

190. *Author Contributions*

191. *Funding*

192. *Data Availability Statement*

193. *Conflict of Interest*

194. *Publisher's Note*

195. *Copyright*

196. *References*

197. *Appendix*

198. *Supplementary Materials*

199. *Author Contributions*

200. *Funding*

201. *Data Availability Statement*

202. *Conflict of Interest*

203. *Publisher's Note*

204. *Copyright*

205. *References*

206. *Appendix*

207. *Supplementary Materials*

208. *Author Contributions*

209. *Funding*

210. *Data Availability Statement*

211. *Conflict of Interest*

212. *Publisher's Note*

213. *Copyright*

214. *References*

215. *Appendix*

216. *Supplementary Materials*

217. *Author Contributions*

218. *Funding*

219. *Data Availability Statement*

220. *Conflict of Interest*

221. *Publisher's Note*

222. *Copyright*

223. *References*

224. *Appendix*

225. *Supplementary Materials*

226. *Author Contributions*

227. *Funding*

228. *Data Availability Statement*

229. *Conflict of Interest*

230. *Publisher's Note*

231. *Copyright*

232. *References*

233. *Appendix*

234. *Supplementary Materials*

235. *Author Contributions*

236. *Funding*

237. *Data Availability Statement*

238. *Conflict of Interest*

239. *Publisher's Note*

240. *Copyright*

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242. *Appendix*

243. *Supplementary Materials*

244. *Author Contributions*

245. *Funding*

246. *Data Availability Statement*

247. *Conflict of Interest*

248. *Publisher's Note*

249. *Copyright*

250. *References*

251. *Appendix*

252. *Supplementary Materials*

253. *Author Contributions*

254. *Funding*

255. *Data Availability Statement*

256. *Conflict of Interest*

257. *Publisher's Note*

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262. *Author Contributions*

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Year	Country	Population (millions)	GDP (billions USD)	Life expectancy (years)	Infant mortality (per 1,000 live births)	Urban population (%)	Renewable energy (%)	Internet usage (%)	Gender inequality index	Human Development Index
2015	USA	365	18.5	78.5	10.5	81.5	12.5	75.5	0.35	0.92
2015	China	1375	12.1	76.5	15.5	55.5	18.5	55.5	0.55	0.72
2015	India	1255	2.1	73.5	25.5	35.5	22.5	35.5	0.65	0.62
2015	Germany	82.5	4.1	81.5	7.5	95.5	25.5	85.5	0.25	0.88
2015	Japan	126.5	5.1	84.5	6.5	92.5	28.5	90.5	0.22	0.90
2015	UK	64.5	3.1	82.5	8.5	90.5	22.5	80.5	0.28	0.86
2015	France	66.5	3.1	83.5	9.5	91.5	24.5	82.5	0.26	0.87
2015	Canada	36.5	2.1	82.5	7.5	85.5	20.5	78.5	0.30	0.85
2015	Australia	23.5	1.1	83.5	6.5	88.5	18.5	75.5	0.28	0.84
2015	South Korea	51.5	1.1	83.5	7.5	85.5	22.5	85.5	0.25	0.86
2015	Italy	61.5	2.1	83.5	9.5	88.5	20.5	78.5	0.28	0.84
2015	Spain	45.5	1.1	83.5	10.5	85.5	18.5	75.5	0.30	0.82
2015	Netherlands	16.5	0.6	82.5	7.5	92.5	25.5	85.5	0.25	0.88
2015	Sweden	9.5	0.4	83.5	6.5	90.5	28.5	88.5	0.22	0.90
2015	Denmark	5.5	0.3	82.5	7.5	88.5	22.5	82.5	0.26	0.87
2015	Norway	5.1	0.3	83.5	6.5	85.5	20.5	80.5	0.28	0.85
2015	Finland	5.3	0.3	82.5	7.5	88.5	18.5	78.5	0.30	0.84
2015	Switzerland	4.5	0.4	83.5	6.5	90.5	25.5	85.5	0.25	0.88
2015	Austria	8.8	0.4	82.5	7.5	88.5	22.5	82.5	0.26	0.87
2015	Belgium	10.5	0.5	81.5	8.5	85.5	20.5	78.5	0.28	0.84
2015	Luxembourg	0.6	0.05	82.5	7.5	92.5	25.5	85.5	0.25	0.88
2015	Portugal	10.6	0.3	81.5	10.5	82.5	15.5	70.5	0.32	0.80
2015	Greece	11.5	0.2	80.5	12.5	78.5	12.5	65.5	0.35	0.78
2015	Ireland	4.5	0.2	82.5	8.5	85.5	20.5	78.5	0.28	0.84
2015	Poland	38.5	0.4	78.5	12.5	75.5	10.5	60.5	0.40	0.75
2015	Czech Republic	10.5	0.2	79.5	11.5	78.5	12.5	62.5	0.38	0.76
2015	Slovakia	5.4	0.1	78.5	13.5	72.5	8.5	55.5	0.42	0.73
2015	Hungary	10.3	0.2	77.5	14.5	70.5	7.5	50.5	0.45	0.70
2015	Slovenia	2.1	0.05	80.5	9.5	80.5	15.5	70.5	0.32	0.80
2015	Croatia	4.3	0.05	79.5	11.5	75.5	10.5	60.5	0.40	0.75
2015	Serbia	7.1	0.1	76.5	16.5	68.5	5.5	45.5	0.48	0.68
2015	Bulgaria	7.5	0.1	75.5	18.5	65.5	4.5	40.5	0.50	0.65
2015	Romania	21.5	0.2	76.5	17.5	68.5	6.5	48.5	0.46	0.70
2015	Ukraine	45.5	0.1	73.5	22.5	60.5	3.5	35.5	0.52	0.62
2015	Belarus	9.5	0.1	74.5	20.5	62.5	4.5	38.5	0.50	0.65
2015	Latvia	2.9	0.05	77.5	12.5	70.5	8.5	55.5	0.42	0.73
2015	Lithuania	3.1	0.05	78.5	11.5	72.5	9.5	58.5	0.40	0.75
2015	Estonia	1.3	0.02	79.5	10.5	75.5	10.5	60.5	0.38	0.76
2015	Finland	5.3	0.3	82.5	7.5	88.5	18.5	78.5	0.30	0.84
2015	Sweden	9.5	0.4	83.5	6.5	90.5	28.5	88.5	0.22	0

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	52
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Year	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1990	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100

[illegible][illegible]

Figure 1 is a line graph titled "Number of cases per 100,000 population" on the y-axis and "Date" on the x-axis. The y-axis ranges from 0 to 1000 in increments of 200. The x-axis shows dates from 03/01/2020 to 03/01/2022. The graph shows a sharp increase in cases starting in March 2020, peaking in May 2020 at approximately 1000 cases per 100,000 population, followed by a decline and then a second, smaller peak in November 2020. Cases remain relatively low until a third, significant wave begins in early 2022, reaching approximately 1000 cases per 100,000 population by March 2022.

[illegible][illegible][illegible]

1

[illegible]

Figure 1: A plot of the function $f(x)$ for $x \in [0, 1]$. The function is defined as $f(x) = \begin{cases} 1 & \text{if } x \in [0, 0.5] \\ 0 & \text{if } x \in (0.5, 1] \end{cases}$. The plot shows a step function that is 1 for $x \in [0, 0.5]$ and 0 for $x \in (0.5, 1]$. The x-axis is labeled x and ranges from 0 to 1. The y-axis is labeled $f(x)$ and ranges from 0 to 1. The function is plotted as a solid line.

[illegible][illegible]

Year	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1990	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	
1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094								

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
2	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	
3	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100		
4	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100			
5	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90														

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