



LEGO Set Evolution: 5 Decades Interactive Exploration

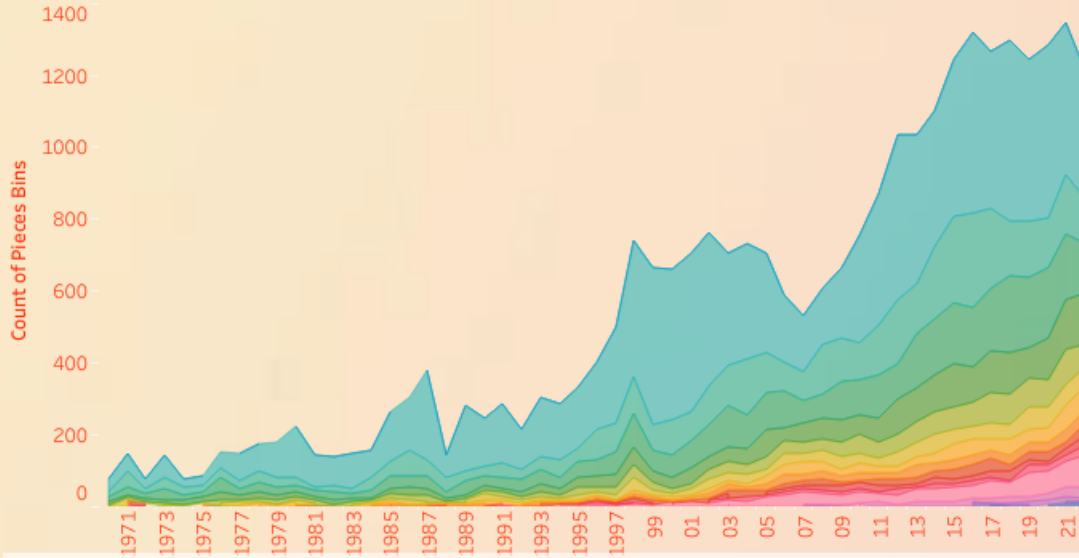
Number of products
18,457

Number of Themes
152

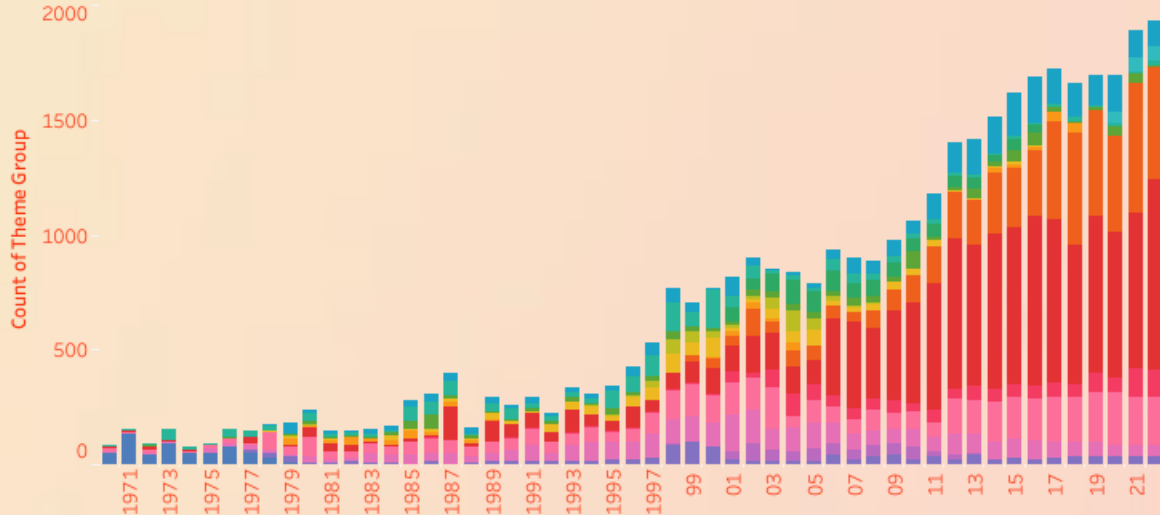
Lego sets with 0-50 pieces
42.52%

Years of Data
53

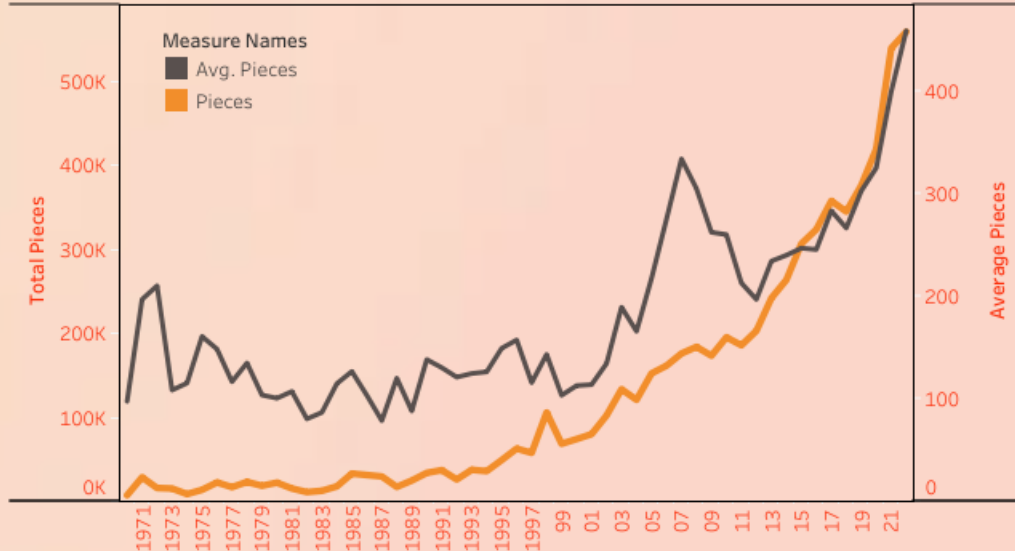
No. of sets in each pieces range for each range



No. of sets in each theme group for each year



Trend of sum/average pieces over years



Pieces Bins

All

Year

All

Theme Group

All

Count of Licensed Legos for each Year and Pieces range

	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22
0-50	2	8	4	54	6	8	10		4	4	24	14	46	64	50	60	46	66	74	124	98	88	142	90
50-100	8	4	8	14	16	12	4	2	2	20	14	22	20	38	20	30	32	52	80	44	50	38	56	48
100-200	4	8	10	14	8	12	10	6	2	2	4	16	24	16	28	34	52	42	78	124	112	80	60	54
200-300	6	4	6	10	10	8	10	4	8	20	14	12	18	26	22	38	32	32	44	68	42	60	82	68
300-400	2	4	4	8	2	8	10	8	6	6	10	14	20	14	14	18	26	20	40	36	36	30	44	30
500-600		2		6		2	10	6	6	6	2	14	2	4	4	4	18	16	16	10	16	14	30	36
700-800		2				4		4		2	2		6	10	8	8	8	10	16	10	8	10		6
400-500	2	2	4	6		6		8	4	8	8	10	8	14	18	28	10	10	24	20	40	26	30	20
900-1000						4			4	2					2	8	2	8	8		4	4	6	14
600-700		2	2	4	6	2			2	2	4	4	2	8	8	10	2	8	6	14	10	12	16	22
800-900	2						2	4		2	2	4	8	2	4	10	4	6	8	10	4	2	8	8
4000-5000																	6	2		2				2
2000-3000												2	2	2	2	4	4	4	6	10	4	4	6	6
1000-2000		2	4	2	4	4	2	10	4	4	6	4	6	6	10	10	16	4	24	12	24	16	16	18
Null				0			0								0		0	0		0	0	0	0	0
5000-12000									2										2	2		2	2	4
3000-4000				2			2			2			2			2			2	2	6	2	8	

Category with total pieces

Normal : 11,695 pcs

Other : 10,004 pcs

Extended : 3,470 pcs

Collection : 3,009 pcs

Book : 189 pcs

Random : 14 pcs

Sum of price for each Theme group

Licensed
159K

Modern day
63K

Model making
52K

Action/Adventure
50K

Pre-school
26K

Miscellaneous
88K

Technical
42K

Educational
12K

Basic
5K

Art and
crafts

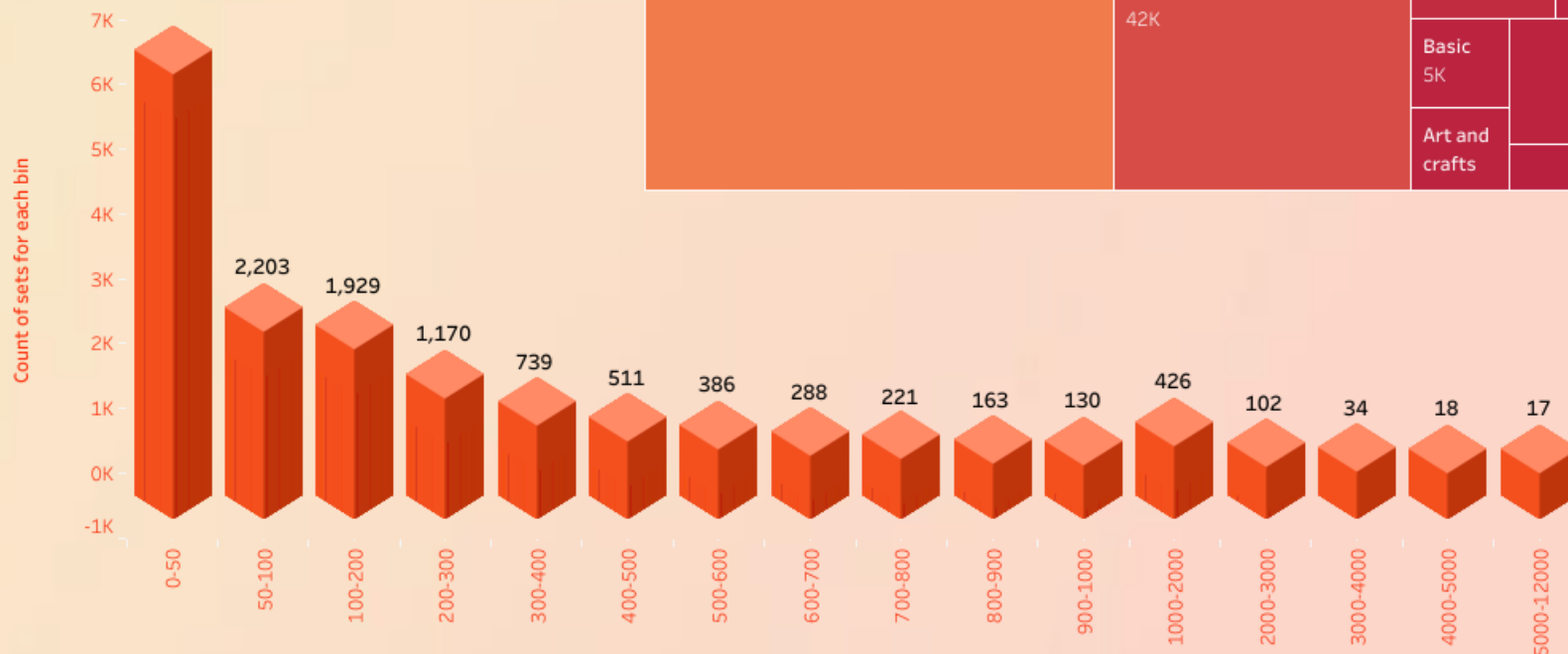
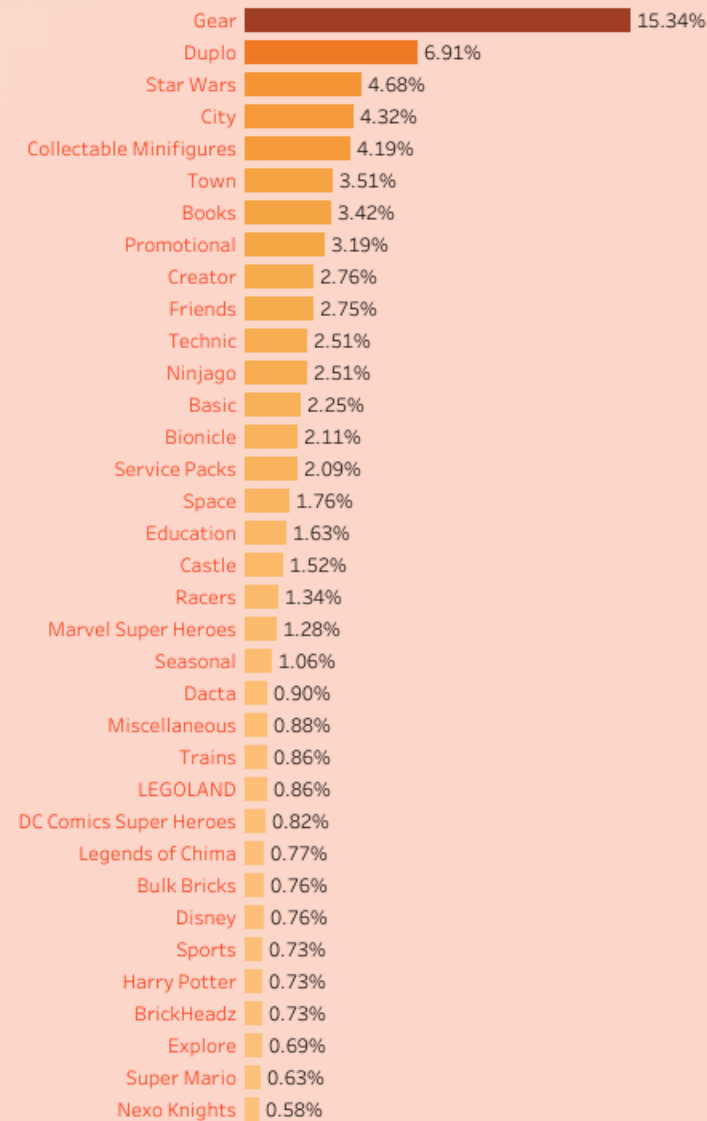
Pieces bins

All

Theme Group

Multiple values

% Count Share of each Theme





KEY FINDINGS



- 1) Sudden hikes in total number of sets can be seen in years 1987, 1998, 2012 and 2016.
- 2) Total number of sets increased in and after 2016.
- 3) There was a sudden dip in number of sets in year 2007.
- 4) Sets with 5000 to 12000 got sudden hike after 2020. Sets with 3000 to 12000 was introduced after 2002.
- 5) Maximum licensed sets (142) are from 2021 and having 0 to 50 pieces. Second highest number of sets (124 each) are from 2018 and having 0-50 and 100-200 pieces.
- 6) Vintage theme group is from 1971-2003. Licensed, Miscellaneous, Action/Adventure and Modern day group are maximum from recent years (approx. from 2010).
- 7) There are mostly LEGO sets with 0-50 pieces in a set i.e. 6179 sets (approx. 42% of total unique products). After that comes 50-100 pieces sets with 2203 number of sets, 1929 sets with 100-200 pieces, 1170 sets with 200-300 pieces.
- 8) Total price of licensed products is highest (\$1,59,000). After that comes Miscellaneous (\$88,000), Modern day theme group (\$63,000), Model making (\$52,000), Action/Adventure (\$50,000) and Technical (\$42,000).
- 9) Normal category (11,695 pieces) and Other category (10,004 pieces) dominates in terms of total count of pieces.
- 10) In Theme, Gear has 15.35% share in total number of unique sets. Then come Duplo (7%), Star Wars (4.7%), City (4.3%) and Collectable Minifigure (4.2%)