

InfoVis Final Project Data Exploration • Plastic Pollution

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Contents

Introduction	1
Plastics by Industrial Sector + Polymer Types	1
Production Over Time	2
Micro and Macro Plastic Pollution in the Ocean	2

Introduction

Our Final Project is guided by four questions: Where does polluting plastic come from? How much polluting plastic is there in the world and how much has there been over time? Where does the plastic end up eventually? Why should I care; i.e. where does the plastic go in my life? Each of the explored datasets below answers one of these guiding questions (two datasets are used to answer where plastic goes).

Plastics by Industrial Sector + Polymer Types

Show entries

Search:

	entity	year	primary_plastic_production_million_tonnes
1	Additives	2015	25000000
2	All industrial sectors	2015	407000000
3	Building and Construction	2015	65000000
4	Consumer & Institutional Products	2015	42000000
5	Electrical/Electronic	2015	18000000
6	HDPE	2015	52000000
7	Industrial Machinery	2015	3000000
8	LD, LDPE	2015	64000000
9	Other polymer type	2015	16000000
10	Other sectors	2015	47000000

Showing 1 to 10 of 19 entries

Previous 2 Next

```
skim_without_charts(sector_polymer)
```

Show entries

Search:

	Missingness	Industry/Polymer Type Count	Year	Production Range
1	No Missingness	19	Only 2015	3e+06 to 4.07e+08

Showing 1 to 1 of 1 entries

Previous Next

Production Over Time

Show entries

Search:

	entity	year	Production (tonnes)
1	World	1950	2000000
2	World	1951	2000000
3	World	1952	2000000
4	World	1953	3000000
5	World	1954	3000000
6	World	1955	4000000
7	World	1956	5000000
8	World	1957	5000000
9	World	1958	6000000
10	World	1959	7000000

Showing 1 to 10 of 66 entries

Previous 2 3 4 5 6 7 Next

skim_without_charts(plastics_time)

Show entries

Search:

	Missingness	Year Range	Number of Years	Plastics Range
1	No Missingness	1950 to 2015	66	2e+06 to 3.81e+08

Showing 1 to 1 of 1 entries

Previous Next

Micro and Macro Plastic Pollution in the Ocean

Macro Plastics

Micro Plastics

Show entries

Search:

	Missingness	Number of Observations	Year	Plastic Count Range
1	No Missingness	303	1950 to 2050	0 to 2652700

Showing 1 to 1 of 1 entries

Previous Next