

PlastiCount Database Summary Statistics

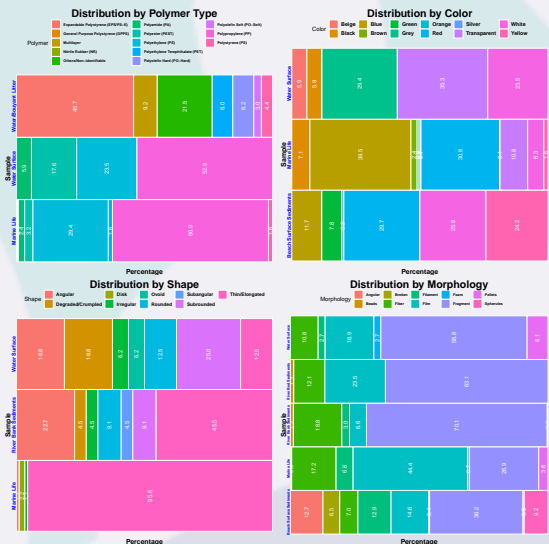
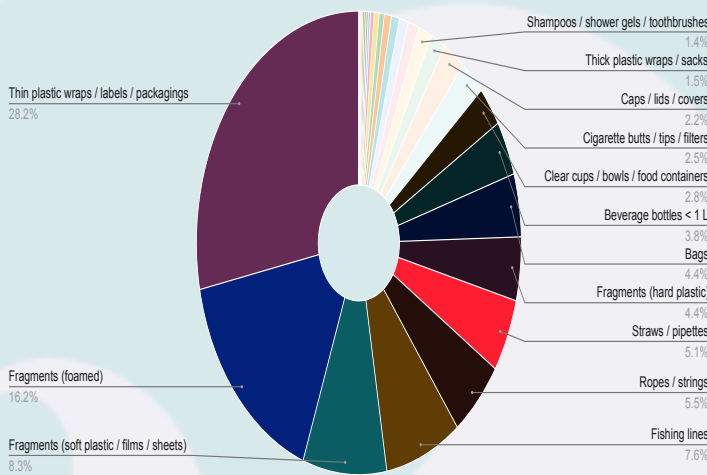
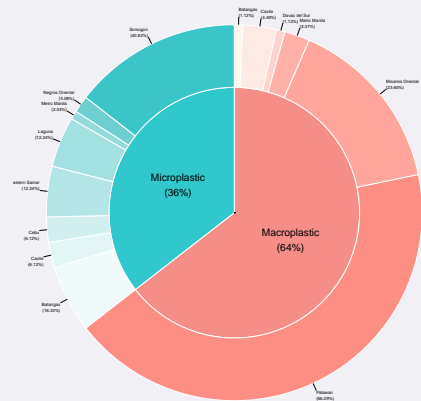


Latest Update: **September 13, 2022**

The PlastiCount database’s historical data are a composite of reported data from 14 contributory sources spanning the year 2012 to 2021. Altogether, these cover 128 sampling stations on aquatic habitats and adjacent land-water transition zones across 11 provinces in the Philippines. The distribution of the locations of these sampling stations based on their contributions to the microplastics and macroplastics data is shown in the figure on the right.

Currently, the macroplastics data are based on samples from Beach (Surface) and mangroves area covering a total sample area of 32,830.43 square meters and consist of 34 categories of products summarized in the figure on the bottom left. Notably, the most abundant plastic types are thin plastic wraps/labels/packagings (28.2%), foam fragments (16.2%), soft/thin/sheet plastic fragments (8.3%), and fishing lines (7.6%), and are mostly single-use types. On the other hand, the microplastics data include composite samples from Sediments, Water (Surface), and Water (Column) amounting to 437,214.25 Kilograms of sampled materials that can be classified by Polymer Type, Color, Shape, and Morphology. The corresponding distributions based on these classifications are summarized in the figure on the bottom right. The microplastics data also include samples from Marine life (fish, mussels, and other bivalves).

Locations with Plastics Data by Province



Remarks: By accessing this information, you agree to the PlastiCount Pilipinas Statement on Data Release. For more information about the PlastiCount Pilipinas database, visit our website by scanning the QR code on the right.



PlastiCount Pilipinas By The Numbers

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Database

Published and unpublished sources:	14
Years covered in composite data:	From 2012 to 2021
Sample stations covered in composite data:	128
Philippine provinces represented in the database:	11
Philippine province with most sample stations:	Palawan
Types of habitats in sample stations:	11
Area covered (macroplastics data):	32830.425 sqm
Categories of macroplastics pollution:	34
Pieces of macroplastics pollution:	46420
Amount of sampled materials covered (microplastics data):	437214.25 Kg
Categories of microplastics pollution by shape:	9
Categories of microplastics pollution by polymer type:	13
Categories of microplastics pollution by color:	13
Categories of microplastics pollution by morphology:	10

PlastiCount Pilipinas

Lead Universities:	2
Partner Universities:	3
Partner Agencies:	3
Cooperating Agencies:	3
Project Staff:	7
Facilities:	2

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