<section class="panel" id="slidetwo">

<b>TWO</b>

<head>

<meta content="width=device-width, initial-scale=1" name="viewport"/>

<title>

Grocery bag comparisons for greenhouse gas emissions - Our World in Data

</title>

<meta content="Number of times a given grocery bag type would have to be reused to have as low greenhouse gas emissions as a standard single-use plastic bag (LDPE; Low-density polyethylene). Greenhouse gas emissions for each material type were measured over a full life-cycle analysis (LCA). A value of 5 would indicate a given bag type would have to be reused 5 times to have as low a greenhouse gas footprint as a standard plastic bag." name="description"/>

<link href="https://ourworldindata.org/grapher/grocery-bag-comparisons-ghg" rel="canonical"/>

<meta content="1149943818390250" property="fb:app\_id"/>

<meta content="https://ourworldindata.org/grapher/grocery-bag-comparisons-ghg" property="og:url"/>

<meta content="Grocery bag comparisons for greenhouse gas emissions" property="og:title"/>

<meta content="Number of times a given grocery bag type would have to be reused to have as low greenhouse gas emissions as a standard single-use plastic bag (LDPE; Low-density polyethylene). Greenhouse gas emissions for each material type were measured over a full life-cycle analysis (LCA). A value of 5 would indicate a given bag type would have to be reused 5 times to have as low a greenhouse gas footprint as a standard plastic bag." property="og:description"/>

<meta content="https://ourworldindata.org/grapher/exports/grocery-bag-comparisons-ghg.png?v=1" property="og:image"/>

<meta content="850" property="og:image:width"/>

<meta content="600" property="og:image:height"/>

<meta content="Our World in Data" property="og:site\_name"/>

<meta content="summary\_large\_image" name="twitter:card"/>

<meta content="@OurWorldInData" name="twitter:site"/>

<meta content="@OurWorldInData" name="twitter:creator"/>

<meta content="Grocery bag comparisons for greenhouse gas emissions" name="twitter:title"/>

<meta content="Number of times a given grocery bag type would have to be reused to have as low greenhouse gas emissions as a standard single-use plastic bag (LDPE; Low-density polyethylene). Greenhouse gas emissions for each material type were measured over a full life-cycle analysis (LCA). A value of 5 would indicate a given bag type would have to be reused 5 times to have as low a greenhouse gas footprint as a standard plastic bag." name="twitter:description"/>

<meta content="https://ourworldindata.org/grapher/exports/grocery-bag-comparisons-ghg.png?v=1" name="twitter:image"/>

<style>

html, body {

height: 100%;

margin: 0;

}

figure[data-grapher-src], #fallback {

display: flex;

align-items: center;

justify-content: center;

flex-direction: column;

margin: 0;

width: 100%;

height: 100%;

}

#fallback > img {

max-width: 100%;

border: 1px solid #ccc;

}

</style>

<noscript>

<style>

figure { display: none !important; }

</style>

</noscript>

<link href="https://ourworldindata.org/grapher/assets/commons.bundle.521782e703f0fe72f108.css" rel="stylesheet"/>

<link as="fetch" crossorigin="" href="/grapher/data/variables/97809.json?v=1" rel="preload"/>

<!-- Global site tag (gtag.js) - Google Analytics -->

<script async="" src="https://www.googletagmanager.com/gtag/js?id=UA-42018644-1">

</script>

<script>

window.dataLayer = window.dataLayer || [];

function gtag(){dataLayer.push(arguments);}

gtag('js', new Date());

gtag('config', 'UA-42018644-1');

</script>

</head>

<body class="singleChart">

<figure data-grapher-src="/grapher/grocery-bag-comparisons-ghg">

</figure>

<noscript id="fallback">

<img src="https://d33wubrfki0l68.cloudfront.net/1c4143db628012300bf2e4f73529f32f2174085e/64bb5/grapher/exports/grocery-bag-comparisons-ghg.svg"/>

<p>

Interactive visualization requires JavaScript

</p>

</noscript>

<script src="https://cdn.polyfill.io/v2/polyfill.min.js?features=es6,fetch">

</script>

<script src="https://ourworldindata.org/grapher/assets/commons.bundle.521782e703f0fe72f108.js">

</script>

<script src="https://ourworldindata.org/grapher/assets/charts.bundle.521782e703f0fe72f108.js">

</script>

<script>

var jsonConfig = {"map":{"projection":"World","colorSchemeLabels":[],"colorSchemeValues":[],"customNumericColors":[],"customCategoryColors":{},"customCategoryLabels":{},"customHiddenCategories":{}},"tab":"chart","slug":"grocery-bag-comparisons-ghg","type":"DiscreteBar","title":"Grocery bag comparisons for greenhouse gas emissions","xAxis":{"scaleType":"linear"},"yAxis":{"min":0,"scaleType":"linear"},"version":1,"subtitle":"Number of times a given grocery bag type would have to be reused to have as low greenhouse gas emissions as a standard single-use plastic bag (LDPE; Low-density polyethylene). Greenhouse gas emissions for each material type were measured over a full life-cycle analysis (LCA). A value of 5 would indicate a given bag type would have to be reused 5 times to have as low a greenhouse gas footprint as a standard plastic bag.","hasMapTab":false,"stackMode":"absolute","dimensions":[{"display":{"unit":"reuses","shortUnit":"reuses"},"property":"y","variableId":97809}],"sourceDesc":"Danish Environmental Protection Agency (2018)","hasChartTab":true,"isPublished":true,"selectedData":[{"index":0,"entityId":37893},{"index":0,"entityId":37895},{"index":0,"entityId":37898},{"index":0,"entityId":37897},{"index":0,"entityId":37896},{"index":0,"entityId":37892},{"index":0,"entityId":37889},{"index":0,"entityId":37890},{"index":0,"entityId":37891},{"index":0,"entityId":37894}],"addCountryMode":"disabled","baseColorScheme":"owid-distinct","invertColorScheme":true,"hideTitleAnnotation":true,"id":2956};

var figure = document.getElementsByTagName("figure")[0];

try {

window.App = {};

window.Global = { rootUrl: 'https://ourworldindata.org/grapher' };

ChartView.bootstrap({ jsonConfig: jsonConfig, containerNode: figure })

} catch (err) {

figure.innerHTML = "<img src=\"/grapher/exports/grocery-bag-comparisons-ghg.svg\"/><p>Unable to load interactive visualization</p>";

figure.setAttribute("id", "fallback");

throw err;

}

</script>

</body>

</html>

</section>