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# State Resin Identification Regulation Survey

May 2022

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The Society of the Plastics Industry (SPI), now the Plastics Industry Association (PLASTICS), developed a voluntary resin identification coding system in 1988 at the urging of recyclers around the country. From the outset the system was designed to facilitate visual sortation, with the use of the chasing arrows to distinguish it from existing marks put on rigid plastic containers used by manufacturers in processing and identification. The SPI resin identification code (RIC) was not, and never was intended, to be an indicator of “recyclability”. The original standard required the code to be permanently affixed to any plastic container to identify the resin from which the container is produced during the molding process. In 2008, SPI transferred the management of the RIC to ASTM international. A revision of the code was then adopted which included several changes, including updating the symbols themselves to use an equilateral triangle.

Many states have passed legislation requiring the marking of plastic products. PLASTICS performed a survey of state regulations for the labeling of plastic products to better understand the landscape of state requirements and their conflicts. PLASTICS supports a national standard for the identification of plastic products to ensure consistency and clarity.

Plastic product identification is or was required in 40 states. 36 states currently require at least some plastic products have some form of identification of the primary resin type used (Fig 1.) 31 states require this identification on only plastic bottles or rigid plastic packaging, with 15 states further narrowing the scope of bottles or packages of a specific size. 29 states require a symbol which includes a chasing arrow. A table of states with existing identification requirements is attached as Appendix A.

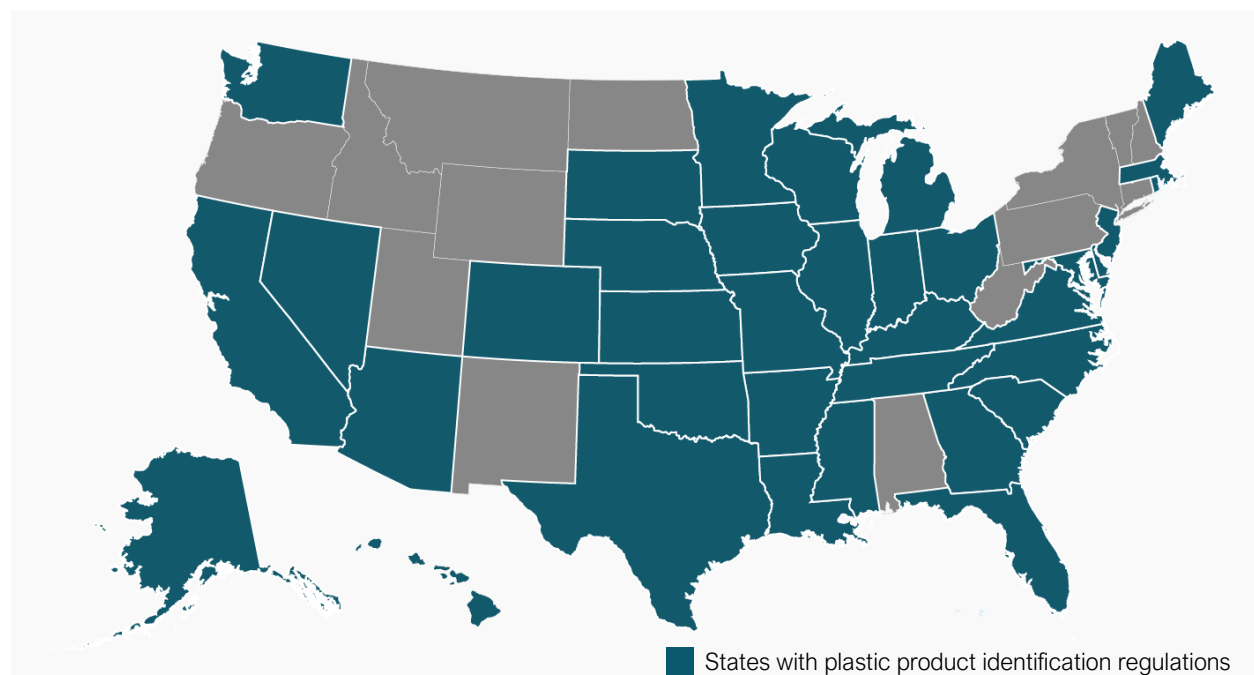


Figure 1 States with Plastic Product Identification Regulations

## Appendix A. Plastic Product Identification Regulations by State

State	Code	♻️ Required	Limitations
Alaska	<a href="#">Alaska Stat. § 46.06.095</a>	Yes	2
Arizona	<a href="#">Ariz. Rev. Stat. § 49-835</a>	Yes	2
Arkansas	<a href="#">Ark. Code § 8-9-302</a>	Yes	1
California	<a href="#">Cali. PRC 18015</a>	No	2
Colorado	<a href="#">Colo. Rev. Stat. § 25-17-103</a>	Yes	1
Delaware	<a href="#">Del. Code tit. 7, § 60-6092</a>	Yes	2
Florida	<a href="#">Fla. Stat. § 403.708</a>	Yes	2
Georgia	<a href="#">Ga. Code Ann. § 12-8-34</a>	Yes	1
Hawaii	<a href="#">Haw. Rev. Stat. §342H-42</a>	Yes	1
Illinois	<a href="#">415 Ill. Comp. Stat. § 15/10</a>	Yes	3
Indiana	<a href="#">Ind. Code § 13-20-19-2</a>	Yes	3
Iowa	<a href="#">Iowa Code § 455D.12</a>	Yes	2
Kansas	<a href="#">Kan. Stat. Ann. § 65-34-25</a>	No	2
Kentucky	<a href="#">Ky. Rev. Stat. Ann. § 224.50-585</a>	Yes	2
Louisiana	<a href="#">La. Stat. Ann. § 30:2422</a>	No	
Maine	<a href="#">Me. Stat. tit. 32, §1722</a>	No	
Maryland	<a href="#">Md. Code, Environment, § 9-1710</a>	Yes	2
Massachusetts	<a href="#">Mass. Gen. Laws ch. 94 § 323A</a>	Yes	1
Michigan	<a href="#">Mich. Comp. Laws § 324.16102</a>	Yes	
Minnesota	<a href="#">Minn. Stat. 325E.044</a>	No	
Mississippi	<a href="#">Miss. Code Ann. § 17-17-207</a>	Yes	1
Missouri	<a href="#">Mo. Rev. Stat. § 260.281</a>	Yes	1
Nebraska	<a href="#">Neb. Rev. Stat. § 69-2503</a>	Yes	1
Nevada	<a href="#">Nev. Rev. Stat. § 444.435-437</a>	Yes	1
New Jersey	<a href="#">N.J. Rev. Stat. § 13:1E-99.41</a>	Yes	1
North Carolina	<a href="#">N.C. Gen. Stat. § 130A-309.10</a>	Yes	2
Ohio	<a href="#">Ohio Rev. Code § 3734.60</a>	Yes	1
Oklahoma	<a href="#">Okla. Stat. tit. 27A § 2-11-503</a>	Yes	1
Rhode Island	<a href="#">23 R.I. Gen. Laws § 23-18.15-2</a>	Yes	1
South Carolina	<a href="#">S.C. Code Ann. §44-96-150</a>	Yes	1
South Dakota	<a href="#">S.D. Codified Laws §34A-6-68</a>	Yes	1
Tennessee	<a href="#">Tenn. Code Ann. § 68-101-109</a>	Yes	2
Texas	<a href="#">Tex. Health &amp; Safety Code § 369.002</a>	Yes	2
Virginia	<a href="#">Va. Code § 10.1-1415.1.</a>	Yes	2
Washington	<a href="#">Wash. Rev. Code § 70A 220-020</a>	No	1
Wisconsin	<a href="#">Wis. Stat. § 100.33</a>	No	

1. Applicable to plastic bottles and rigid plastic packaging
2. Applicable to plastic bottles between 16 fluid ounces and not more than 5 gallons and rigid plastic packaging between 8 fluid ounces and 5 gallons.
3. Applicable to plastic bottles larger than 16 fluid ounces and rigid plastic packaging greater than 8 fluid ounces.