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RHODE ISLAND ANNUAL REPORT

06/30/22

SUBMITTED BY

Mattress Recycling Council Rhode Island, LLC 501 Wythe Street Alexandria, VA 22314

SUBMITTED TO

Rhode Island Resource Recovery Corporation 65 Shun Pike Johnston, RI 02919

SUBMITTED ON

September 30, 2022





This year, MRC's Rhode Island Bye Bye Mattress program collected 93,021 mattresses and recycled 1,883 tons of material.

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The mattress industry created the Mattress Recycling Council (MRC), a nonprofit organization, to develop and administer the Bye Bye Mattress program.

EXECUTIVE SUMMARY & DEFINITIONS

EXECUTIVE SUMMARY & DEFINITIONS

Pursuant to Section 23-90-5(j) of Rhode Island General Laws (the law), the Mattress Recycling Council Rhode Island, LLC (MRC), submits to Rhode Island Resource Recovery Corporation (RIRRC) this annual report, which provides the requested data on the results that MRC achieved in administering the Rhode Island mattress stewardship program (the program) during the state's 2021-2022 Fiscal Year (July 1, 2021 to June 30, 2022) (the reporting period).

OVERVIEW OF MATTRESS RECYCLING COUNCIL RHODE ISLAND, LLC

The law requires that mattress producers form a "council" that develops a statewide program to collect mattresses and foundations (collectively units or mattresses) discarded in Rhode Island. The law also provides that the program will be funded through a visible fee collected from consumers and other purchasers on all mattresses and box springs sold in the state.

The International Sleep Products Association (ISPA) created the Mattress Recycling Council Inc. (the Council), a nonprofit organization under Section 501(c)(3) of the Internal Revenue Code of 1986, to develop and administer mattress recycling programs in Rhode Island, as well as California and Connecticut. On July 1, 2015, the Council submitted a plan to RIRRC outlining how the program would meet the law's requirements and proposed initial performance goals. RIRRC approved this plan on January 13, 2016, and the program officially began operating on May 1, 2016.

In 2017, the Council created separate LLCs to administer the Rhode Island, California and Connecticut programs. In each of these states, the LLCs have developed statewide networks of mattress collection and recycling locations, increased the number of units recycled and educated consumers, retailers and other stakeholders about that state's mattress recycling program. Since 2015, these statewide programs have collectively recycled over 10 million mattresses.

To promote the program to a consumer audience, the "Bye Bye Mattress" brand and website was created to host a mattress recycling locator as well as important information about the recycling process and environmental benefits of the program.

RHODE ISLAND PROGRAM OBJECTIVES

MRC has designed the program to accomplish the following:

- Collect a mattress stewardship fee that funds the cost of operating and administering the program.
- Provide for no cost and accessible statewide opportunities for state residents to recycle their used mattresses.
- Provide transfer stations with suitable storage containers and transportation of discarded mattresses.
- Provide for MRC-financed end-of-life recycling of mattresses.
- Minimize public sector involvement in the management of mattresses.
- Establish a financial incentive for consumers that deliver their mattresses to recyclers.

SIXTH YEAR PROGRAM HIGHLIGHTS

The law requires MRC to establish goals to measure the program's performance. During the reporting period, MRC achieved or nearly achieved most of these goals. Highlights of the program's sixth year include:

- Collected 93,021 mattresses and recycled 1,883 tons of material.
- Provided program access in 37 of 39 Rhode Island municipalities.
- Added 11 new large volume sources to the program this reporting period one retailer, one boarding school, two healthcare facilities and seven hotels - which increased the total number of covered entities to 220.
- Coordinated with 48 small waste haulers and 58 property managers to deliver their units directly to recyclers, therefore reducing the number of units handled by RIRRC Central Landfill staff.
- Solid waste service provider participation exceeded 90%, well above the 80% performance goal threshold. All providers from the previous reporting period remained in the program and MRC added a new private transfer station.
- Through a public process, MRC requested proposals from mattress recycling companies to provide recycling services to the Rhode Island program, resulting in the award of a new mattress recycling contract.

REPORT OVERVIEW

Pursuant to § 23-90-5(j) of the law, this annual report contains the following information:

- The weight of mattresses collected pursuant to the program from municipal and/ or transfer stations, retailers and all other covered entities.
- The weight of mattresses diverted for recycling.
- Identification of the mattress recycling facilities to which mattresses were delivered for recycling.
- The weight of discarded mattresses recycled, as indicated by the weight of each of the commodities sold to secondary markets.
- The weight of mattresses, or parts thereof, sent for disposal at Rhode Island Resource Recovery Corporation and any other facilities.
- · Samples of public education materials and methods used to support the program.
- A description of efforts undertaken, and evaluation of the methods used to disseminate such materials.
- Updated performance goals and an evaluation of the effectiveness of the methods and processes used to achieve performance goals of the program.
- Recommendations for any changes to the program.

The following terms defined in § 23-90-3 are relevant to the report:

"Covered Entity" means any political subdivision of the state, any mattress retailer, any permitted transfer station, any waste to energy facility, any healthcare facility, any educational facility, any correctional facility, any military base, or any commercial or nonprofit lodging establishment that possesses a discarded mattress that was discarded in this state. Covered Entity does not include any renovator, refurbisher or any person who transports a discarded mattress.

"Foundation" means any ticking-covered structure that is used to support a mattress and that is composed of one or more of the following: A constructed frame, foam or a box spring. "Foundation" does not include any bed frame or base made of wood, metal or other material that rests upon the floor and that serves as a brace for a mattress.

"Mattress" means any resilient material, or combination of materials, that is enclosed by ticking, used alone or in combination with other products, and that is intended for, or promoted for, sleeping upon. "Mattress" includes any foundation, renovated foundation or renovated mattress.

"Mattress" does not include any of the following:

- An unattached mattress pad or unattached mattress topper (including any item with resilient filling), with or without ticking, that is intended to be used with, or on top of a mattress;
- A sleeping bag or pillow;
- A crib, bassinet mattress or car bed;
- Juvenile products, including: a carriage, basket, dressing table, stroller, playpen, infant carrier, lounge pad, crib bumper or the pads for those juvenile products;
- A product that contains liquid- or gaseous-filled ticking, including any waterbed or air mattress that does not contain upholstery material between the ticking and the mattress core;
- Any upholstered furniture that does not contain a detachable mattress; or A foldout sofa bed or futon.

"Mattress Stewardship Program" or "Program" means the statewide program described in § 23-90-5 and implemented pursuant to the mattress stewardship plan as approved by the corporation director.

"Producer" means any person who manufactures or renovates a mattress that is sold, offered for sale or distributed in the state under the manufacturer's own name or brand. "Producer" includes:

- The owner of a trademark or brand under which a mattress is sold, offered for sale, or distributed in this state, whether or not such trademark or brand is registered in this state; and
- Any person who imports a mattress into the United States that is sold or offered for sale in this state and that is manufactured or renovated by a person who does not have a presence in the United States.

"Recycling" means any process in which discarded mattresses, components and byproducts may lose their original identity or form as they are transformed into new, usable or marketable materials.

"Recycling" does not include as a primary process the use of incineration for energy recovery or energy generation by means of combustion.

"Renovate" or "renovation" means altering a mattress for the purpose of resale and includes any one, or a combination of, the following: Replacing the ticking or filling, adding additional filling, rebuilding a mattress, or replacing components with new or recycled materials.

"Renovate" or "renovation" does not include

- the: Stripping of a mattress of its ticking or filling without adding new material;
- Sanitization or sterilization of a mattress without otherwise altering the mattress; or
- Altering of a mattress by a renovator when a person retains the altered mattress for personal use, in accordance with regulations of the Department of Business Regulation.

"Renovator" means a person who renovates discarded mattresses for the purpose of reselling such mattresses in a retail store.

"Retailer" means any person who sells mattresses in this state or offers mattresses in this state to a consumer through any means, including, but not limited to, remote offerings such as sales outlets, catalogs, or the Internet.



MRC collects mattresses from nearly every municipality in Rhode Island as well as 220 public and private entities that dispose of large volumes of discarded mattresses.

COLLECTION NETWORK OVERVIEW

COLLECTION NETWORK OVERVIEW

INTRODUCTION

The success of Rhode Island's program relies largely on MRC obtaining discarded units from the existing statewide infrastructure of "covered entities" that collect discarded mattresses as part of their ongoing operations. The law defines covered entities to include any political subdivision of the state, mattress retailer, permitted transfer station, waste-to-energy facility, healthcare facility, educational facility, correctional facility, military base or commercial or nonprofit lodging establishment, which possess a discarded mattress that was discarded in the state, as well as other entities that may be eligible to participate in the program. Of these entities, town municipal transfer stations handle the largest volume of discarded mattresses.

During the reporting period, MRC's collection network included no-cost options to discard a mattress in 37 of Rhode Island's 39 municipalities. These options consisted of curbside collection of discarded mattresses, a site where residents could drop off their units (either at a solid waste facility, recycler, etc.) or a collection event. Some collection sites limit access to their town's residents. Throughout the reporting period, all state residents could drop off units at one of the statewide drop off sites, which included, Ace Mattress Recycling in East Greenwich, Tough Stuff Recycling in Coventry and also the Central Landfill in Johnston. See **Appendix B** for a complete list of participating collection sites and events.

In addition to these consumer collection options, 220 other entities (including mattress retailers, lodging establishments, educational facilities and others that dispose of large and small volumes of discarded mattresses) recycled their units through the program.

These entities either drop off their units directly at an MRC recycler, or if they have at least 50 units available for recycling, MRC will pay to transport them to a recycler.

Covered entities contact MRC if they want to host a collection site or one-day collection event, or to drop off units at a recycling facility. MRC reviews these requests on a rolling basis.

MATTRESS RECYCLING FACILITIES

During the reporting period, MRC contracted with the following recyclers to dismantle and recycle units collected by the program:

Ace Mattress Recycling, LLC

14 Clyde Street West Warwick, RI 02893

Ace Mattress Recycling, LLC

1950 South County Trail East Greenwich, RI 02818

GM Framingham, LLC

12 Industrial Road Milford, MA 01757

Tough Stuff Recycling, LLC

145 Authority Drive Fitchburg, MA 01420

Willimantic Waste Paper Co. Inc.

185 Recycling Way Willimantic, CT 06226

MATTRESS RECYCLING TRANSPORTERS

During the reporting period, MRC contracted with the following transporters to haul units to the mattress recycling facilities above:

Ace Mattress Recycling, LLC

14 Clyde Street West Warwick, RI 02893

Ace Mattress Recycling, LLC

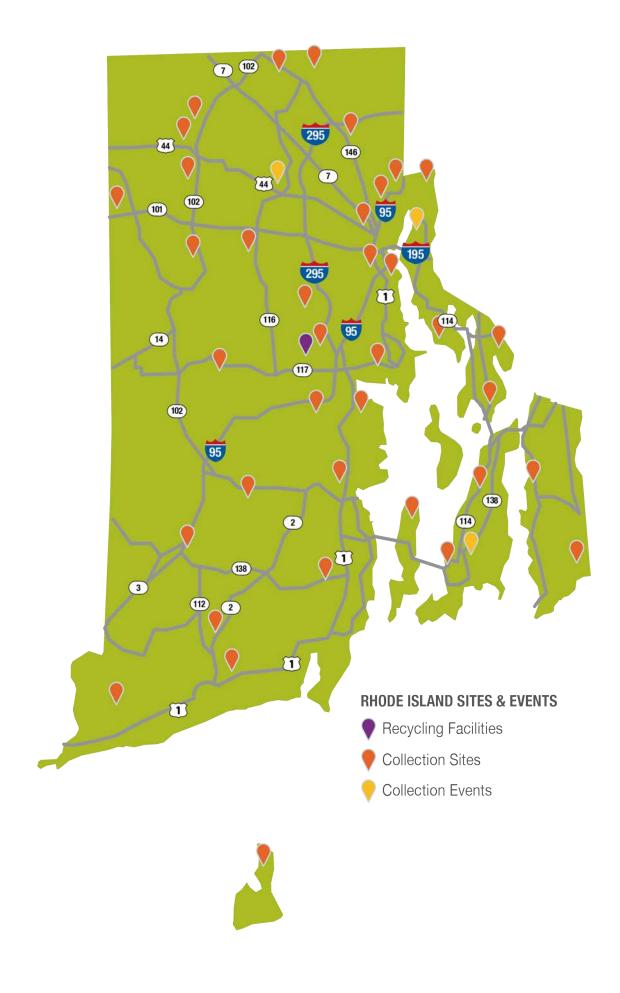
1950 South County Trail East Greenwich, RI 02818

Mobile Storage Inc.

81 Pilsudski Street Providence, RI 02909

Willimantic Waste Paper Co. Inc.

185 Recycling Way Willimantic, CT 06226





MRC's education and outreach efforts are designed to inform consumers, mattress retailers and other stakeholders about the Bye Bye Mattress program, that the fee is mandated by state law, why the fee is needed, what the fee funds, how to recycle through the program, and that some parties have obligations.

EDUCATION & OUTREACH

EDUCATION & OUTREACH

INTRODUCTION

MRC's education and outreach efforts inform consumers, retailers, the mattress industry and other stakeholders about mattress recycling in Rhode Island by explaining:

- How MRC operates and its accomplishment and impact in Rhode Island.
- How and where to recycle discarded mattresses and why recycling is beneficial.
- What the recycling fee funds.
- The mattress industry's legal obligations.

To reach these audiences and disseminate this information, MRC uses a wide array of communications and marketing methods, including targeted direct mail and printed collateral, advertising and media relations, digital marketing and social media. MRC also participates in community and industry events and visits retailers, recyclers and other collection locations to learn how to collaborate on residential outreach.

This approach aligns with the following education and outreach performance goals:

- Continue to educate the mattress industry and consumers about the benefits of recycling, the fee and the law and encourage use of the program.
- Continue to provide samples of public education materials as required in the law.
- Measure consumer awareness every year and provide explanations for any variability.

An evaluation of MRC's achievement of these goals is discussed in further detail in the **Performance Goals & Evaluation** section (see Page 31).

This section provides a full description of the methods MRC uses to communicate to consumers and the industry.

CONSUMER EDUCATION

MRC communicates with consumers using the "Bye Bye Mattress" brand, which is supported by a multichannel strategy consisting of ByeByeMattress.com, point-of-sale materials, public service announcements, media relations and social media.

BYEBYEMATTRESS.COM

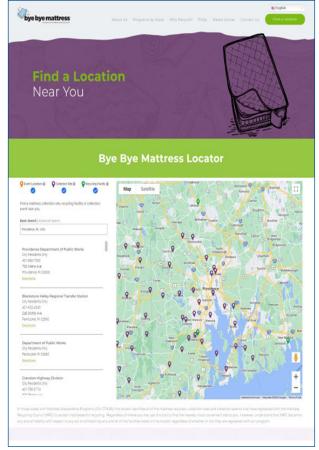
On ByeByeMattress.com, consumers easily can find information about participating drop-off locations and municipalities that offer at least one free curbside collection each year. Consumers are also reminded to ask their retailer about picking up a discarded unit when a new mattress is delivered. Businesses and organizations that meet the definition of covered entity can find information on how MRC works with their industry and how to contact MRC to recycle mattresses.

In addition to helping consumers and covered entities learn what to do with their old mattress, ByeByeMattress.com also educates visitors about the mattress recycling process and its environmental benefits and provides information for deterring and reporting illegal dumping.

Overall, 432,387 users visited the site during the reporting period. This is a 16% decrease from the previous reporting period and can be explained by consumers having less interest in or need for mattress recycling. Decreased consumer interest in mattress







recycling is supported by the decreased use of internet search terms and phrases that lead consumers to ByeByeMattress.com. Meanwhile the ongoing effects of COVID-19 and inflation have decreased the behaviors most likely to lead to mattress disposal such as mattress sales and home buying, therefore consumer need is not as high as in previous years.

MRC regularly monitors website analytics to optimize the user experience and gauge performance of our outreach methods. Based on this data and feedback from residents and business owners, MRC is rebuilding ByeByeMattress.com to create a user experience that is better tailored to consumers versus businesses. To date, the website primarily uses a visitor's location to determine what information to provide. Moving forward, the website will capture additional user details to decide whether to provide content that is more relevant to consumer or business users. Consumers will enjoy a seamless, single screen experience that presents information about drop off locations, available curbside programs and retail take back information. This should be more efficient than the current silo experience, which requires consumers to click away from the recycler locator to find curbside or retail take back information. The improved website will also make it easier for visitors to find information about mattress care and how MRC is discouraging illegal mattress dumping. Likewise, the improved website will provide a less-cluttered experience to business visitors.

CONSUMER EDUCATION MATERIALS FOR RETAILERS

MRC provides retailers no-cost point-of-sale materials to help them explain mattress recycling and the fee to their customers. These materials include:

Bilingual Informational Card: This card can accompany the consumer's invoice or receipt. In its standard format, English is on one side and Spanish on the other. Chinese, Korean, Tagalog and Vietnamese versions are available on request.

In-Store Posters: MRC offers posters in two sizes to provide retailers flexibility in how and where they display them in-store. Versions in Spanish, Chinese, Korean, Tagalog and Vietnamese are available on request.

Digital Badge: Retailers can use this image on their websites, social media content or in other digital communications to raise the consumer's awareness of the fee and program. The image links directly to ByeByeMattress.com.









Consumer FAQs: Consumer FAQs are provided in English and Spanish to assist retailers with sales associate training. Chinese, Korean, Tagalog and Vietnamese versions also are available on request.

MRC uses a monthly e-newsletter, email notifications, industry publications and events to regularly inform retailers that these materials are available from MRC and that reorders are also free.

MRC's Marketing & Communications department also works closely with mattress retailers and producers to assist them with explaining the law, fee and program to the companies or customers they serve. MRC offers to create notices, review company memos for accuracy or provide documents that can be shared throughout the sales channel.



PUBLIC SERVICE ANNOUNCEMENTS

At the end of 2021, MRC retired the "Stop Illegal Dumping" PSA campaign which generated more than 15 million cumulative impressions in California and Connecticut. Rhode Island media were not receptive, despite multiple outreach efforts to PSA directors and other station executives.

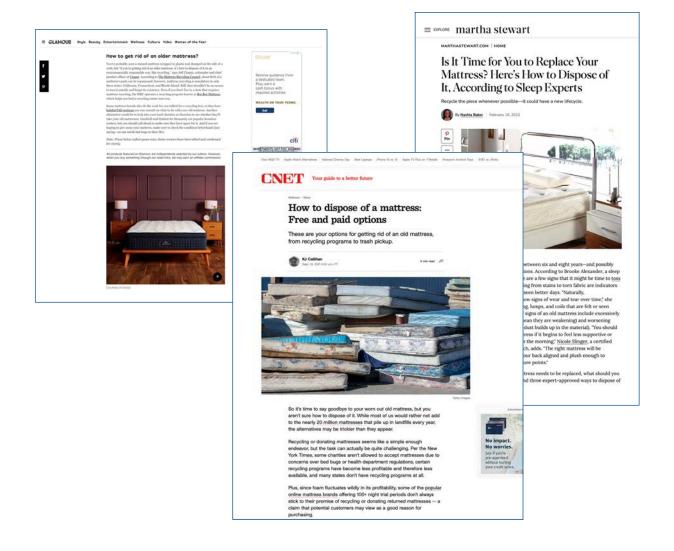
MRC launched a new PSA campaign titled, "Break Up The Right Way With Your Old Mattress," to coincide with America Recycles Day on November 15, 2021. To create the PSA's messaging and tone, MRC referenced the education and outreach recommendations presented in its commissioned white paper (Best Practices in Addressing Illegal Dumping of Durable Waste – A Guide For Policy Makers), as well as insight gained from MRC's work to address illegal dumping of mattresses in California. Rhode Island media indicated an interest in using the ad but cautioned that healthcare PSAs remained top priority.

The new campaign consists of 15-second and 30-second video and radio spots. MRC also created Spanish and Mandarin translations.

MRC will attempt to increase PSA airings by persuading stations to run them during the lead up to Earth Day and America Recycles Day. MRC will also encourage additional viewership by asking city leaders and community-based organizations to share the PSA on their social media and other communication channels. Campaign materials are available in the Bye Bye Mattress media center.

MEDIA RELATIONS

During the reporting period, MRC issued a press release about Rhode Island's program surpassing 500,000 recycled mattresses and a separate press release about MRC surpassing a cumulative total of 10 million recycled mattresses in all three states. MRC also responded to reporter inquires. Notable national media placements included *Glamour, Martha Stewart Living* and CNET



PUBLICITY TOOLKITS

To promote collection sites, MRC provides a template news release and suggested content that municipalities can use to publicize their participation in the program through online outlets and social media platforms. The template allows municipalities to customize community messaging by including hours of operations, directions and residency restrictions. They may also use the suggested content on their city websites, community newsletters and social media. Event hosts are provided similar materials, including a media alert template, flyer template, event day signage kit and suggested social/online content.

MRC also makes these materials available to nonprofits, civic groups, city council members or others that will distribute MRC's information to residents.

Click Below To View



COLLECTION SITE PROMOTION TOOLKIT

https://mattressrecyclingcouncil.org/wp-content/uploads/2020/04/2020collection-site-toolkit-9-29.pdf





COLLECTION EVENT PROMOTION TOOLKIT

https://mattressrecyclingcouncil.org/wp-content/uploads/2020/04/2020collection-event-toolkit-9-29.pdf



COMMUNITY EVENTS

MRC engages with the public through collection events and public appearances. Collection events help MRC serve areas that might not have a facility capable of, or willing to be, a permanent collection site, or target a specific need (such as a neighborhood cleanup). Meanwhile, public appearances help MRC boost awareness of the program and educate residents about the benefits of mattress recycling and how to access sites in their area.

As the COVID-19 pandemic continued, MRC was selective about collection events and withheld public appearances.

During the reporting period, MRC provided mattress collection and recycling at the following community collection events:

- Town of Middletown
- Town of Smithfield
- City of Providence Mattress Drives

As for public appearances, restrictions on large in-person gatherings remained in place for much of the reporting period. As a substitute for public appearances, MRC focused on leveraging media opportunities and increasing social media engagement during America Recycles Day (Nov. 20, 2021) and Earth Day (April 22, 2022). MRC also encouraged cities and towns to promote recycling during these observances and asked public service directors to run our PSA.

MRC is reengaging with event organizers and determining how to proceed for 2023 events.

SOCIAL MEDIA

MRC created Twitter and Facebook profiles for Bye Bye Mattress to connect with consumers. Currently, nearly 2,000 people follow Bye Bye Mattress on these platforms.

MRC has found Bye Bye Mattress' social media most useful in announcing community collection events, promoting new collection sites and pointing visitors to ByeByeMattress.com for additional information. To maintain a regular rhythm of publishing content, Bye Bye Mattress likes and shares stories related to recycling, other recyclable household items, sustainable living topics and environmentally friendly activities.

During the reporting period, Bye Bye Mattress' national social media content received more than 3 million impressions on Facebook and Twitter. The brand also experienced a 14% increase in followers from the previous reporting period.

FOLLOW & LIKE

@BYEBYEMATTRESS









CONSUMER AWARENESS

In April/May 2022, MRC contracted with KB Insights, a 30-year marketing consultant and experienced analyst, to create and implement a survey of consumers across the entire state of Rhode Island (N=108). The objectives of this research were to understand and improve consumer outreach and education. All responses were collected online.

The survey measured consumer awareness of mattress recycling, the fact that recycling is free, how to dispose of a mattress so it can be recycled and Bye Bye Mattress program name recognition (we refer to these as our Key Performance Indices or KPIs).

TABLE 1: MRC's Consumer Awareness Key Performance Indices 2022

KEY PERFORMANCE INDICATOR*	2022
Knowledge that a mattress can be recycled	48%
Knowledge that recycling is free	26%
Knowledge of how to dispose of a mattress so it can be recycled	30%
Recall of Bye Bye Mattress program name	12%

^{*}margin of error:+/-7.8% at a 90% level of confidence

The survey also provided MRC the opportunity to monitor mattress purchasing and disposal behavior. In 2022, 16% indicated they acquired a mattress in the last year. Similarly, 19% said they disposed a mattress in the last year. A third (33%) of those who had disposed of an old mattress said their retailer took it back. The next most common mattress disposal methods Rhode Islander's used were junk removal services, trash/dumpster disposals and curbside pickups.

Over half of respondents (59%) said they were "extremely likely" to recycle a mattress in the future. When asked to select the top three reasons for choosing to recycle, "Convenience – it's easy to do" topped the list (52%). "Protecting the environment" ranked second (37%) and "Receiving a small payment for each mattress you recycle" ranked third (33%). Perceived barriers to recycling are lack of knowledge, not having a vehicle sufficient to haul a mattress and the perceived cost/time required to recycle. MRC will continue to address the motivating factors and perceived barriers in communications going forward.

MRC's survey strategy in 2023 will include another annual behavioral/awareness study to gauge success against the 2022 survey.

INDUSTRY COMMUNICATION

To inform retailers, producers and other industry stakeholders about Rhode Island's mattress recycling law and their legal obligations, as well as to encourage participation in the program, MRC uses direct mail, phone calls, websites (MattressRecyclingCouncil. org and MRCreporting.org), industry events, industry media relations and social media.

See the **Performance Goals & Evaluation** section for further details on MRC's efforts to communicate with the industry and stakeholders about recycling mattresses with the program and its benefits.

COMPLIANCE OUTREACH

MRC's database of potential retailers, manufacturers, distributors and renovators is compiled from information sources including holders of Rhode Island Bedding & Upholstered Furniture Licenses, ReferenceUSA, Dun & Bradstreet, industry publication subscriber lists, industry event attendee lists, Yellow Pages, Chambers of Commerce, the Better Business Bureau and online searches. It also receives leads for potential registrants from MRC staff as they travel the state or are contacted by retailers interested in utilizing recycling services.

MRC continues to monitor these sources for new entrants into the mattress segment, as well as non-compliant parties. When MRC identifies a party that may need to register and participate in the program, MRC mails a notice via certified mail to the party informing it of its potential obligations and follows up with a phone call or email. If there is no response within 30 days, MRC mails a second certified letter and the party is given 30 more days to respond. If the party is unresponsive after various attempts, MRC requests legal counsel or RIRRC to contact the party.

MRC also monitors whether retailers and other mattress sellers are submitting monthly reports and are remitting collected recycling charges on-time. MRC uses the following protocol to alert parties that have missed deadlines for reports and payments. Those more than 90 days delinquent are notified of late fees and associated interest.

TABLE 2: Late Reporting and Remitting Protocol

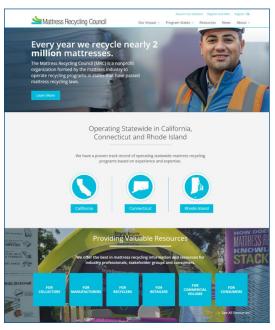
DELINQUENCY STAGE	LATE REPORTER	LATE REMITTER
Level 1	Late notice email generated by MRCreporting.org	Late notice email generated by MRCreporting.org
Level 2	Phone call made to verify continued program participation and provide a verbal reporting reminder	Phone call made regarding outstanding payment and warning of potential interest charges
Level 3	Written notice mailed	Written notice mailed and Interest invoice issued
Level 4	Second phone call made to provide verbal warning of potential penalties	Second written notice sent by certified mail and interest invoice issued
Level 5	Written notice sent by certified mail and penalty invoice issued	Second phone call made warning of accruing interest
Level 6	Second written notice sent by certified mail and penalty invoice issued	Third call made warning of referral to collections agency and interest invoice issued
Level 7	Penalty invoice issued	Delinquent account sent to collections agency; Interest invoice issued
Continued action	Penalty invoices issued monthly until account no longer delinquent	Interest invoices issued monthly until account is no longer delinquent

To gauge retailer use of resources, understanding of requirements and satisfaction with program services, MRC launched a survey to contact registered retailers. Results will be available in the 2022-2023 Annual Report.

As required by the law, **Appendix A** contains a complete list of registered producers. The list is current as of June 30, 2022.

WEBSITES

MattressRecyclingCouncil.org: Designed for use by the mattress industry, regulators and non-consumer stakeholders, this website attracted 57,107 users generating 70,688 sessions between July 1, 2021 and June 30, 2022. This level of website traffic represents a 54.1% decrease in users and 50.8% decrease in sessions from the previous reporting period. These decreases can be explained by MRC's efforts to identify and block suspicious activity and bots. As a result, MRC saw a significant decrease in bounce rate (8.6%) and large improvement in average session duration (up 25.0%), indicating that website visitors were more engaged with the site's content.





MRCreporting.org: Through this website, parties may register with MRC, and retailers and other parties that sell mattresses to end-users in Rhode Island may report and remit to MRC the recycling fees that they have collected. To encourage participants to remit their fees on time, the site emails automatic reminders. The site also emails program updates to all participants, and MRC cross-posts on this website notices and information that also appear on MattressRecyclingCouncil.org.



VIDEO SERIES

MRC wants participants (and potential participants) to understand the program and the mechanics of registering with MRC, submitting monthly reports and remitting fees. To inform target audiences about the program, MRC actively encourages participants to view the following short videos, which are accessible on MattressRecyclingCouncil.org and on MRC's YouTube channel:

About the Mattress Recycling Council: Provides an overview of state recycling laws, the recycling fees, what the fees pay for and encourages stakeholders to recycle with MRC.

How to Register on MRCReporting.org: Provides a step-by-step guide to help retailers, producers and others understand if they must register with MRC, and if so, how to complete that process.

Reporting & Remitting Your Recycling Fees: Explains how mattress retailers and producers can use the online portal to report and remit to MRC the recycling fees they have collected.

MRC also uses these videos, which it updates annually, in presentations to industry groups and in MRC's tradeshow booths.

Click Below To View



VIDEO SERIES

https://youtube.com/playlist?list=PLpqkGz2KocuPnl5p9ymD0Dukfqy1Ng0yA





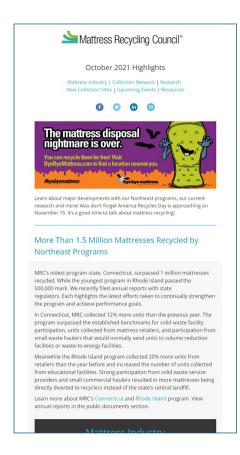


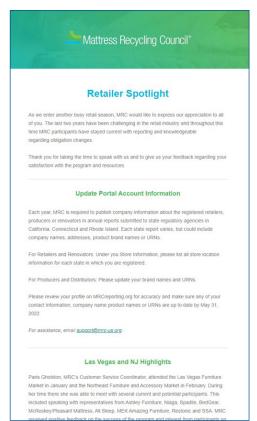
E-NEWSLETTERS

MRC issues monthly and quarterly newsletters for industry audiences. Collectively, MRC's digital newsletters reach more than 5,700 recipients. Subscribers include all registered retailers, manufacturers, collection site hosts, renovators and other stakeholders.

The monthly MRC Highlights content includes program progress and milestones, the availability of consumer education materials and where to recycle mattresses. Other content focuses on how to help collection sites improve their stacking, loading and storage of mattresses; notification of updated or new resources; efforts to expand the program and combat illegal dumping; and research findings and opportunities. Open rates average 20%.

The quarterly Retailer Spotlight addresses the topics and issues that customer service is frequently addressing, such as tips for using MRCreporting.org, how to help customers understand the fee and program, the types of products that require fee collection and are eligible for recycling and how to access recycling. Open rates average 40%.





INDUSTRY EVENTS

During the reporting period, MRC participated in mattress industry events to increase awareness of legal obligations, encourage participation in recycling and further sustainability and circularity conversations. These events included:

American Home Furnishings Alliance: MRC co-presented at the organization's Sustainability & Regulatory Summit in September 2021.

ISPA EXPO: This is the world's largest tradeshow exclusively for the sleep products industry. More than 3,200 attended from 56 countries. Sustainability and product circularity were central themes with many manufacturers and component suppliers exhibiting at the 2022 event. New equipment and products on display considered end-of-life deconstruction and aimed to advance recycling. MRC sponsored a keynote presentation focused on sustainable product design and was among the tradeshow's exhibitors. Booth visitors asked about MRC's progress, how to recycle, how to purchase materials from recyclers and how to bring a similar program to their state. In conjunction with ISPA EXPO, MRC also hosted two invitation-only events - a Mattress Recycling Summit and a New Materials Recycling Committee meeting.

Las Vegas Market: Held twice each year in the summer and winter, this event is the largest bedding show in the United States. It attracts retailers, distributors and manufacturers from all 50 states and over 80 countries. MRC exhibited in the Home Furnishing Association's Retailer Resource Center and answered visitors' questions about registration, reporting, remittance and recycling. MRC staff also visited showrooms to discuss the program with companies debuting or displaying eligible products.

Northeast Furniture Market: MRC spoke with local and regional retailers, distributors and manufacturers about the program's progress, customer education and how to participate in recycling.

MRC also attends conferences relevant to the solid waste and recycling industry. See **Appendix C** for a full list of MRC's Stakeholder events.

MEDIA RELATIONS

MRC keeps the furniture and bedding industries, as well as the solid waste and recycling sector, aware of its latest accomplishments and program developments. During this reporting period, MRC garnered attention in trade media for recycling its 10 millionth mattress, completing research projects and assisting manufacturers with advancing sustainable practices.















SOCIAL MEDIA

MRC uses Twitter, Facebook, LinkedIn and YouTube. Collectively, MRC has more than 2,500 followers on social media, comprised of a mix of individuals, civic/environmental groups, retailers, local and state government, waste haulers and recyclers.

In addition to sharing Bye Bye Mattress content, MRC uses its social media accounts to announce program developments, promote MRC's presence at industry events, distribute marketing collateral, interact with industry stakeholders and monitor industry news. #FAQFriday also draws attention to frequently asked questions about recycling and registration, as well as fee collection, reporting and remitting.

During the reporting period, MRC's social media audience grew by 47% and content received 74,961 impressions.

MRC will continue to use social media and evaluate its effectiveness in keeping stakeholders informed and driving traffic to MRCreporting.org, MattressRecyclingCouncil.org and ByeByeMattress.com.

FOLLOW & LIKE

@MATTRECYCOUNCIL











MRC has met, exceeded or is on track to achieve nearly all of its performance goals.

PERFORMANCE GOALS & EVALUATION

PERFORMANCE GOALS & EVALUATION

EVALUATION OF PERFORMANCE GOALS & METHODS

In coordination with RIRRC, MRC established these performance goals in 2018 after achieving the original performance goals included in MRC's approved plan. Below is MRC's evaluation of the current performance goals and a description of the methods MRC used to achieve them.

SOLID WASTE SERVICE PROVIDERS

GOAL:

To have at least 80% of Rhode Island's solid waste service providers participating in the program. For the purposes of this goal, these entities include municipal transfer stations, recycling centers, private transfer stations or curbside bulky waste collection services.

ACHIEVED - Solid waste service providers continue to actively participate in the program. Of the 44 solid waste service providers operating in Rhode Island, 91% (i.e. 40) participate in the program. The municipal and private transfer stations participate by either establishing a permanent drop-off site, diverting mattresses collected from curbside bulky waste collection services to MRC recyclers or hosting a mattress collection event. Recycling centers also participate as drop-off sites. In addition, MRC continues to encourage small commercial haulers to participate in the program. See **Appendix B** for a complete list of participating solid waste service providers.

METHODS:

Rhode Island residents may access the program through MRC's network of participating collection sites, curbside collection services, recycling facilities or collection events - See **Appendix B** for a complete list.

In October 2021, MRC added one private transfer station to participate in the program, increasing the total number of solid waste service providers from 39 to 40. MRC also continued its efforts to identify and encourage small commercial haulers that ordinarily drop off discarded mattresses at the RIRRC Central Landfill to deliver their units directly to MRC recyclers. This would relieve the Central Landfill of any responsibility for handling those units. As a result of these efforts, six small haulers registered with MRC to participate in the program this reporting period.

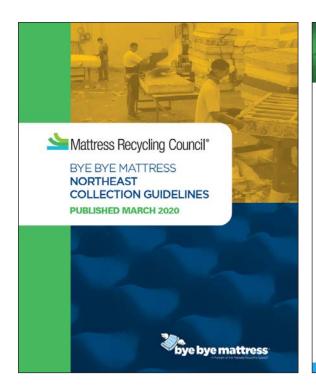
For municipalities and transfer stations that lacked resources to participate as permanent drop-off locations, MRC hosted 10 one-day community collection events - three of which were aimed at reducing illegal dumping and expanding program access in the city of Providence and held in addition to the permanent mattress collection site. MRC provided event labor, a mattress storage container, transportation and recycling services at no cost to the host location. MRC also assisted with event publicity and signage (as described in the **Education and Outreach** section on page 12).

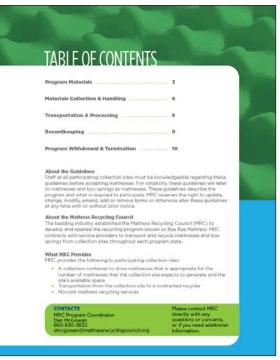
MRC continues to encourage the remaining non-participating solid waste service providers to recycle their discarded mattresses by periodically contacting them or making site visits.

Providing support and assistance to participating solid waste service providers requires regular communication. MRC's Northeast Program Coordinator conducts site visits with participating municipalities to discuss the program and compliance with participation requirements. During site visits, staff answer questions, confirm whether the site is following the guidelines, offer suggestions to maintain the quality of collected mattresses and provide necessary signage and support.

In addition to in-person meetings, MRC also distributes the program guidelines to all participants to reinforce product acceptance and contamination criteria. These contacts also receive MRC's monthly newsletter email and seasonal reminders throughout the year that encourage proper screening, handling, storing and loading of mattresses to improve quality and collection efficiency.

This reporting period, MRC completed a video series to assist in onboarding new collection sites and training their staff. This series includes five videos that address bedbug identification and management, efficient mattress stacking and loading, effective collection site operations, identifying included and excluded program products, and promoting collection sites and events. These videos are available in English and Spanish with an accompanying one-page reference document. These resources are available on MattressRecyclingCouncil.org.









RHODE ISLAND RETAILERS

GOAL:

To recycle approximately 7,500 mattresses from Rhode Island retailers annually.

NEARLY ACHIEVED - During the reporting period, the program achieved 84% of this goal by recycling 6,332 mattresses obtained from the retail sector.

METHODS:

MRC provides no-cost recycling to retailers that comply with program requirements and make scheduling arrangements with MRC's Northeast Program Coordinator. The retailer may self-haul or use a third party to deliver discarded mattresses directly to an MRC recycler. MRC also provides no-cost transportation to retailers that collect a minimum of 50 units.

As described in **Education & Outreach**, MRC provides ongoing education to retailers about the law and mattress recycling through a wide array of communications and marketing methods including targeted direct mail and printed collateral, advertising and media relations, digital marketing, social media, site visits and participation in industry events.

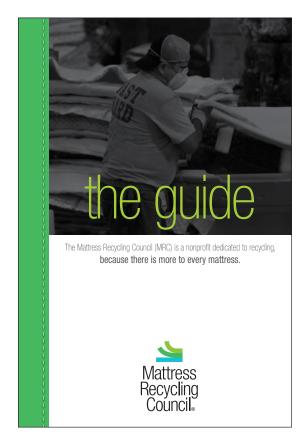
MRC understands that some retailers sell discarded units that they collect from consumers to renovators, and other retailers already recycle units at recycling facilities outside of MRC's network. Nevertheless, 11 retailers recycled discarded mattresses with the program during the reporting period. MRC anticipates units collected from retailers to decrease next year due to decreased mattress sales, home buying and other consumer behaviors that trigger disposals. MRC also does not expect retailers already sending units to renovators and non-program recyclers to stop these practices.

TABLE 3: UNITS COLLECTED FROM RETAILERS DURING REPORTING PERIOD

REPORTING PERIOD (JULY 1 - JUNE 30)	UNITS COLLECTED
2019-2020	6,402
2020-2021	7,694
2021-2022	6,332











LODGING ESTABLISHMENTS

GOAL:

To recycle approximately 1,200 mattresses from lodging establishments annually. MRC will quantify how many lodging facilities participate in the program.

NEARLY ACHIEVED - During the reporting period, the program recycled 953 mattresses from these entities, achieving 79% of this goal. Forty-six lodging establishments are currently registered with MRC, an increase of seven during the reporting period.

METHODS:

MRC provides no-cost recycling to lodging establishments that make delivery and scheduling arrangements with MRC's Northeast Program Coordinator. Lodging establishments include commercial establishments such as hotels and motels as well as nonprofit entities like housing shelters. The lodging establishment may self-haul or use a third-party to deliver discarded mattresses directly to an MRC recycler. MRC provides no-cost transportation to lodging establishments that collect a minimum of 50 units.

RIRRC requested that MRC provide the number of lodging facilities participating in the program as part of its evaluation of this goal. As of June 30, 2022, 46 lodging establishments were registered with the program. Eleven lodging facilities used the program during the reporting period to recycle 953 mattresses.

MRC has limited ability to increase the number of units collected from lodging establishments because that number is contingent on the number of lodging establishments that replace their mattresses during a given year and the number of units that they discard for recycling. As a result, the total number of units the program obtains from lodging establishments will fluctuate from year to year as indicated in the table below. Furthermore, MRC does not anticipate this category to increase substantially in the future because MRC has learned from experience that some hotels sell many units that they discard to renovators and does not anticipate that practice will stop.

TABLE 4: UNITS COLLECTED FROM LODGING ESTABLISHMENTS DURING REPORTING PERIOD

REPORTING PERIOD (JULY 1 - JUNE 30)	UNITS COLLECTED
2019-2020	905
2020-2021	1,209
2021-2022	953

PRISONS AND OTHER INCARCERATION FACILITIES

GOAL:

MRC will contact all Rhode Island incarceration facilities to evaluate the composition and condition of their discarded mattresses.

ACHIEVED - In previous reporting periods, MRC contacted all Rhode Island incarceration facilities to evaluate the composition of the units that they discard and concluded that they are not suitable for recycling.

METHODS:

MRC continues to communicate with Rhode Island's Department of Corrections about recycling its discarded mattresses. The Department expressed interest in the program, but the discarded units were not suitable for recycling.

Based on MRC's experience in working with incarceration facilities in other states, MRC does not expect these facilities to generate mattresses that are suitable for recycling in the foreseeable future.

HEALTHCARE FACILITIES

GOAL:

MRC will continue outreach to healthcare facilities and industry associations and evaluate mattresses discarded by facilities interested in participating in the program. MRC will encourage participation of at least 10 healthcare facilities by the end of the 2019 reporting period (June 30, 2019).

ACHIEVED - Two healthcare facilities joined the program this reporting period increasing the total of participating facilities to 24. MRC evaluated mattresses discarded by healthcare facilities and concluded that some were acceptable for recycling.

METHODS:

MRC provides no-cost recycling of mattresses discarded by healthcare facilities that make delivery and scheduling arrangements with MRC's Northeast Program Coordinator. The healthcare facility may self-haul or use a third-party to deliver discarded mattresses directly to an MRC recycler. MRC provides no-cost transportation to healthcare facilities that collect a minimum of 50 units.

To encourage healthcare facilities to participate in the program, MRC emailed an information sheet to the Hospital Association of Rhode Island member list. MRC also provided EPA Region 1 (whose jurisdiction includes Rhode Island) information that was used in an online newsletter distributed to the agency's Healthcare and Social

Assistance Sector contacts. MRC continues to respond to inquiries from healthcare facilities regarding mattress recycling.

Two healthcare facilities used the program this year, yet volume was low. MRC anticipates continued hesitancy to recycle discarded mattresses due to liability concerns regarding pathogen contamination and medical waste disposal regulations, especially during the COVID-19 pandemic.

Nevertheless, MRC will continue to distribute program information to healthcare facilities and assist with recycling their discarded mattresses as requested.

EDUCATIONAL FACILITIES

GOAL:

MRC will continue to inform educational facilities about the program and assist them with recycling their discarded mattresses as needed.

ACHIEVED - During the reporting period, MRC recycled 774 units from seven of the ten participating educational facilities registered with the program.

METHODS:

MRC provides no-cost recycling to educational facilities that make delivery and scheduling arrangements with MRC's Northeast Program Coordinator. The educational facility may self-haul or use a third-party to deliver discarded mattresses directly to an MRC recycler. MRC provides no-cost transportation to educational facilities that collect a minimum of 50 units.

MRC continues to present program information to interested educational facilities and build stronger relationships with these stakeholders. One new school joined the program and recycled 97 mattresses this reporting period.

MILITARY BASES

GOAL:

MRC will maintain its relationship with Naval Station Newport and assist it with recycling its discarded mattresses as needed.

ACHIEVED - Naval Station Newport used the program once during this reporting period.

METHODS:

A military facility may self-haul or use a third-party to deliver discarded mattresses directly to an MRC recycler. MRC provides no-cost transportation to military facilities that collect a minimum of 50 units.

Naval Station Newport uses the program to recycle mattresses from on-base housing complexes. It has recycled 529 discarded mattresses since the program launched.

MRC will maintain a relationship with the naval station and assist it with recycling its discarded mattresses as needed. Of note, a military base hotel recycled 61 units during this reporting period. MRC reported these lodging units in the Lodging Establishments section.

OTHER ENTITIES

GOAL:

MRC will continue to encourage other entities to participate in the program and report on registered entity types in the annual report.

ACHIEVED - MRC is providing no-cost recycling to 123 other entities.

METHODS:

MRC provides no-cost recycling to other entities that make delivery and scheduling arrangements with MRC's Northeast Program Coordinator. The entity may self-haul or use a third-party to deliver discarded mattresses directly to an MRC recycler. MRC provides no-cost transportation to entities that collect a minimum of 50 units.

During the reporting period, other entities recycled 8,033 units through the program. MRC also recruited seven new registrants consisting of small commercial haulers and a property management firm.

The following table details the total of the types of other entities participating in the program:

TABLE 5: QUANTITY OF OTHER ENTITIES PARTICIPATING IN THE PROGRAM

BUSINESS TYPE	QUANTITY OF BUSINESS TYPE
Construction	3
Moving and/or Storage	8
Property Management	58
Small Commercial Haulers	48
Housing Authorities	3
Nonprofit Organizations	3

MRC will continue to focus on upstream diversion of recyclable mattresses from these other entities by encouraging them to send their units directly to an MRC recycler.

EDUCATION & OUTREACH

GOAL:

MRC will continue to educate the mattress industry and consumers about the benefits of recycling, the fee and the law, and encourage use of the program.

ACHIEVED - See **Education & Outreach** for details regarding MRC's industry and consumer outreach.

GOAL:

MRC will continue to provide samples of public education materials in annual reports.

ACHIEVED - See **Appendix D** for examples of these materials.

GOAL:

MRC will measure consumer awareness annually and provide explanations for any variability.

ACHIEVED - See **Education & Outreach** for details regarding MRC's consumer awareness and behavior survey.

METHODS:

As described in the **Education & Outreach** section, MRC uses a wide array of communications and marketing methods to reach consumers, the mattress industry, other covered entities and stakeholders. To evaluate the effectiveness of its education and outreach, MRC conducts an annual consumer awareness survey and has selected various metrics to monitor how each element of its communication strategy performs (website analytics, social media data, email open rates, etc.). MRC also surveys retailers each year to gauge use of resources, understanding of requirements and satisfaction with program services. The performance goals established for each of the covered entity types also indicate whether MRC's methods were effective at persuading entities to join or use the program.

RECYCLING PROGRAM METRICS

In accordance with § 23-90-5(j), MRC must report the following quantitative data about the weight of discarded mattresses collected and processed by the program in the state.

AMOUNT OF MATERIAL COLLECTED

§ 23-90-5(j)(1) of the law requires MRC to report the weight of mattresses collected pursuant to the program from municipal and/or transfer stations, retailers and all other covered entities.

MRC's recyclers report to MRC the number of mattress and box spring units they receive from different sources. One of those recyclers used a certified scale to report to MRC the actual weight of its units received. For the other recyclers (which lack weighing capability), MRC converted the units they reported as received into tons based on a standard weight of 55 pounds per unit. MRC used the sum of the actual and calculated weights in the tonnage data reported below.

§ 23-90-5(j)(2) of the law requires MRC to report the weight of mattresses diverted for recycling.

The following table summarizes the total weight of mattresses by source that were collected through the program and the total weight of units collected for recycling during the reporting period.

TABLE 6: WEIGHT OF MATTRESSES COLLECTED BY SOURCE & DIVERTED TO RECYCLING

COLLECTION SOURCE	WEIGHT (TONS)
Municipal and/or transfer stations	2,024.8
Retailers	175.0
All other covered entities	339.3
TOTAL DIVERTED FOR RECYCLING	2,539.1

AMOUNT OF MATERIAL PROCESSED

MRC recyclers report to MRC the weights of the recyclable materials, biomass and residue that their operations generate. While MRC has a high degree of confidence in the in-bound figures reported, operational complexities at MRC's recyclers necessitate estimating weights for outbound mattress commodities in certain situations. For instance, all four recyclers of Rhode Island units process discarded units from both program and non-program sources.

Following mattress and box-spring deconstruction, commodities from all sources are aggregated together for sale to end markets, as it is not practical to separate program and non-program materials after processing. For one recycler that works with MRC's programs in both Connecticut and Rhode Island, MRC used the percentage of inbound and processed units by source state to estimate the outbound weights specific to Rhode Island. For two recyclers, the weight of recycled cardboard and plastic included in this report are estimated because the recyclers lacked the documentation needed to differentiate between the cardboard and plastic generated from program material and the same materials obtained from other sources. Additionally, during this reporting period, one recycler installed equipment that processed a large amount of metal and pocketed coil it had held in inventory from the last reporting period.

§ 23-90-5(j)(4) of the law requires MRC to report the weight of discarded mattresses recycled, as indicated by weight of each of the commodities sold to secondary markets.

TABLE 7: TYPES AND WEIGHT OF MATERIALS RECYCLED DURING 2021-2022 REPORTING PERIOD

MATERIALS RECYCLED*	WEIGHT(TONS)
Steel	1085.4
Foam	386.0
Quilts & Toppers	203.4
Wood	183.3
Cardboard	8.9
Plastics	15.7
TOTAL MATERIALS RECYCLED	1,882.6

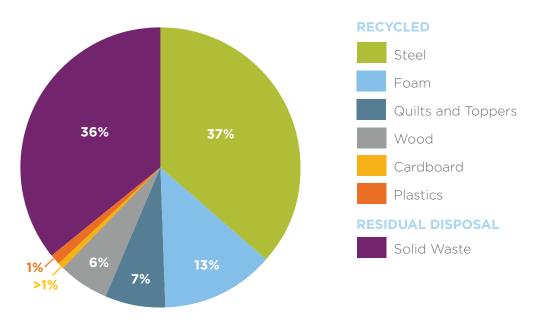
^{*}These categories represent outbound shipments of materials recycled but do not include unprocessed units or recyclable material in inventory.

§ 23-90-5(j)(5) of the law requires MRC to report the weight of mattresses, or parts thereof, sent for disposal at Rhode Island Resource Recovery Corporation and any other facility.

TABLE 8: WEIGHT OF MATERIAL SENT TO DISPOSAL BY SOURCE DURING 2021-2022 REPORTING PERIOD

SOURCE	WEIGHT (TONS)
RIRRC	54.4
Any other facility	990.0
TOTAL RESIDUAL MATERIAL	1044.3

RECYCLING AND RESIDUAL DISPOSAL



During the reporting period, MRC recyclers achieved a 64% recycling rate.

TABLE 9: AMOUNT OF MATERIAL BY DISPOSITION DURING 2021-2022 REPORTING PERIOD

DISPOSITION	WEIGHT (TONS)	PERCENTAGE
Material Recycled	1,882.6	64%
Material Disposed	1,044.3	36%
TOTAL	2,926.9	100%

One recycler disposing of a large amount of residue from contaminated nonprogram mattresses and the lack of markets for some post-consumer mattress components contributed to a recycling rate lower than the goal set in the plan. This metric is highly dependent on buyers that are particular about product quality and volume.

RESEARCH

MRC's research team is focused on increasing the efficiency of mattress collection, transportation, deconstruction and recycling systems, and identifying new and better markets for recycled mattress materials. Some of the projects and activities that may benefit our Rhode Island program are noted below with additional information provided on MRC's website.

FOUNDATION WOOD RECYCLING

MRC continues to explore new uses for foundation wood beyond biomass fuel and mulch. To explore these options further, MRC conducted a wood market study which concluded that with the exception of particle board and wood fuel pellets, new markets for post-consumer foundation wood remain limited. We have concluded (in order of likelihood of success) that particle board, medium density fiberboard, wood fuel pellets, fire logs, pallet remanufacturing, animal bedding and oriented strand board are potential markets.

CARBONIZATION OF MATTRESS COMPONENTS

MRC worked with the Pittsburgh State University's Kansas Polymer Research Center to chemically modify and carbonize various mattress materials to produce battery and supercapacitor components. The results were very encouraging with data indicating that several materials had significant performance advantages over common electrode materials such as carbon, graphene and carbon nanotubes.

UPCYCLED MATTRESS FOAM

In a pair of 18-month studies, researchers found that chemically recycled polyurethane mattress foam can be used to create a lightweight, low-carbon concrete with less energy consumption than traditional concrete production methods. The project determined that recycled foam outperformed virgin material in the application. A related study determined that used polyurethane mattress foam can be used to make new foam products. The results of these MRC-funded studies were released in December 2021.

POCKETED COIL RECYCLING

Pocketed coils are mattress springs that are individually wrapped in a fabric sleeve or pocket (typically made with polypropylene fiber) and then assembled into rectangular units using ultrasonic welding, stitching or adhesives. MRC estimates that approximately 20% of mattresses discarded today contain pocketed coils and that this percentage will gradually increase, given the growing popularity of this component over the past 20 years.

When recyclers dismantle a mattress, the rectangular pocketed coil unit is easily separated from other layers of material. In theory, both the steel and the polypropylene fiber are recyclable. But at present, it is impractical for individual recyclers to separate the individual coils from the fabric pocket. Furthermore, under current market conditions, most metal scrap dealers will not buy unopened pocketed coil units because they consider the fabric to be a contaminant.

Wisconsin-based Knoble Design explored a novel approach for recycling pocketed coils, resulting in the successful construction of a small-scale prototype machine. Knoble Design has since sold the design and patents to Atlanta Attachment Company

(ACC), a major supplier of sewing equipment to the mattress industry, which plans to modify and sell a full-scale version of the machine to mattress recyclers. AAC showed a prototype of the machine at the ISPA EXPO 2022 trade show in Orlando, Florida in March 2022. MRC notes that other companies are also developing shredders and other separation technologies.

VITRIMERIZATION OF POLYURETHANE FOAM

MRC is also exploring if post-consumer mattress foam can be converted into valuable reformable polymers that can be used to create new products like shoe soles, conveyor belts, tool grips and other applications.

Recent work conducted by leading material science laboratories found that urethane foams can be thermo-chemically converted into meltable pellets that can be reshaped and more easily recycled into useful products. Initial studies have produced encouraging results.

CIRCULAR ECONOMY FOR THE MATTRESS INDUSTRY

As MRC manages its own efforts to improve mattress recycling and find new and better markets for reclaimed mattress materials, we regularly communicate with other mattress recycling organizations around the world and stay abreast of broader efforts bring pursued to work toward a more circular economy for mattresses.

In the United States, MRC continues its focus on developing better and new markets for our recycled materials. Although this approach does not create completely closed loop circularity, we believe this approach is an important part of the overall circularity strategy because it typically has the most favorable environmental impact according to LCA studies in other industries, compared to more energy- intensive approaches like thermo-chemical recycling. Additionally, MRC thinks that building operational efficiency from post-consumer disposal through recycling processes is equally important. In these two areas, MRC is taking a leading role and sharing findings with other regions.

Finally, among stakeholders, consensus is building that circularity is an ideal that will take considerable time and investment to attain. Moving forward, several industry trade organizations in Europe, the United States, Asia and Australia have committed to playing a lead role to encourage investment and to facilitate communication and

collaboration in pursuit of this goal. Global collaborative networks have already formed to explore and address capability gaps systematically with the following initial priorities:

- Develop better designs.
- Develop the means to increase recycled content in raw materials.
- Build a sustainable logistics and recycling infrastructure.
- Establish a science-based, peer-reviewed forum to advance meaningful innovation.
- Establish a more informative material labeling system.
- Develop an effective, easy-to-understand communication plan for consumers.

SUSTAINABILITY

MRC's source reduction efforts focus on reducing the environmental footprint of the mattress manufacturing process, encouraging the mattress supply chain to consider end-of-life design issues when creating new products and encouraging consumers to maintain their mattresses properly to extend their useful life.

MRC encourages manufacturers to implement internal continuous improvement processes that will help them measure and reduce both the amount of resources consumed in manufacturing new mattresses and the amount of waste generated from those activities. In addition, MRC has formed committees that are facilitating information sharing across the mattress industry value chain, including mattress manufacturers, component suppliers and recyclers, to improve the recyclability of mattress materials.

Circularity Committee: In 2021, MRC created a committee to help mattress component suppliers and manufacturers take end-of-life recycling challenges into account when they design new components and mattresses. The committee has begun by focusing on adhesives and plans to engage with other component suppliers as the committee progresses. The primary goals of the committee are to:

- Share recyclers' experiences with suppliers, designers and manufacturers to understand design impacts on mattress deconstruction and end-of-life component recycling.
- Anticipate whether new materials and assembly techniques will require adjustments to recycling infrastructure when a mattress is discarded.
- Establish consensus circular design principles for the mattress industry.
- Continue to foster innovation, cooperation and communication among suppliers, manufacturers, recyclers and end-market commodity buyers around the world by working with industry experts and sharing information on efforts to develop a circular economy for polyurethane foam.

New Materials Recycling Committee: MRC organized a committee comprised of representatives from foam, textile and spring manufacturers as well as MRC board members. The committee's objectives are to identify end-of-life challenges posed by current products and materials available to consumers, advise MRC on anticipated long-term changes in product mix and raise industry awareness about how design and marketing decisions can affect recycling.



RECOMMENDATIONS FOR CHANGE

RECOMMENDATIONS FOR CHANGE

Based on MRC's six years of experience operating this program, MRC proposes no changes to the program or performance goals.



APPENDICES

APPENDIX A: REGISTERED PRODUCERS AND BRANDS

REGISTERED PRODUCERS AS OF JUNE 30, 2022

Account DBA

Aaron's Inc.

Airweave, LLC

Alessanderx SpA

Aaron's Inc.

Airweave, LLC

Alessanderx SpA

Allied Aerofoam, LLC Allied Aerofoam, LLC

American Hotel Register Company

American Hotel Register Company

American National Manufacturing

American National Manufacturing

American Pacific Plastic Fabricators Inc.

Sterling Sleep Systems

Apartment Furnishings Company Inc. Apartment Furnishings Company Inc.

Artaban Therapedic SA De CV Artaban Bedding

Ascion, LLC Reverie

Ashley Furniture Industries Inc.

Ashley Furniture Industries Inc.

Avatar Enterprises Inc. Comfortex

Barnhardt Manufacturing Company BedInABox

Bedgear, LLC Bedgear

Best Choice Products Inc.

Best Choice Products Inc.

Bestar Inc.

Bigolbed Inc.

Bigolbed

Bio Sleep Concept Inc.

Bio Sleep Concept

Blue Bell Mattress Co., LLC

King Koil Northeast

Bob Barker Company Inc. Bob Barker Company Inc.

Bourdon's Institutional Sales Inc.

Bourdon's Institutional Sales Inc.

Boyd Flotation Inc. Boyd Specialty Sleep

Brentwood Home, LLC Simply Modern Mattress

Brick Church Manufacturing, LLC Brick Church Mfg.

BRN Sleep Solutions USA, LLC BRN Sleep Solutions

Bruno Bed Company, LLC Bruno Beds

Carico International Inc. Carico

Account DBA

Carpenter Co. Carpenter Co.

Casper Sleep Inc. Casper

CCB Hope Ventures, LLC Hope Mattress

Children's Products, LLC Simmons Juvenile Furniture

Classic Brands, LLC Classic Brands

Comfort Bedding of the USA, LLC Comfort Bedding of the USA, LLC

Comfort DTC Inc. Molecule

Comfort Revolution, LLC Comfort Revolution, LLC

Consolidated Hospitality Supplies, LLC American Hotel Register

Corsicana Bedding, LLC Corsicana Mattress Company

Costco Wholesale Corporation Costco Wholesale Corporation

CVB Inc. LUCID® MATTRESS, WELLSVILLE®,

LINENSPA®

Danican Inc. Danican

Deluxe Home of USA Inc.

Denver Mattress Company, LLC

Denver Mattress Company

Dorel Home Products

Deluxe Home of USA Inc.

Denver Mattress Company

Ameriwood Industries Inc.

E&E Bedding Co. Inc. Spring Air

E.S. Kluft & Company, LLC Aireloom Mattress
Eastern Sleep Products Co. Inc. Symbol Mattress

Eco Bedroom Solutions, LLC Ergovea Natural Mattress

Elements International Kyvno, LLC

Elite Comfort Solutions, LLC Elite Comfort Solutions

Elite Foam Inc. Elite Foam Inc.

Engineered Sleep, LLC Engineered Sleep, LLC

Ergomotion Inc. Ergomotion Inc.

Ezine Inc. Eastern Accents

Factory Direct Inc. Lady Americana SW

Fibre Processing Corporation Fibre Processing Corporation

Flex-A-Bed Inc. Flex-A-Bed

Flotation Innovations Inc. Innovations

Account DBA

Foam Sweet Foam Inc. Foam Sweet Foam

Friendship Upholstery Company Inc. Friendship Upholstery Company Inc.

Future Foam Inc. Foam Craft

Future Foam Inc. Future Foam Inc.

FXI Inc. FXI

GF Health Products Inc. GF Health Products Inc.

Gruppo Industriale Buoninfante SPA Gruppo Industriale Buoninfante SPA

Hammer Bedding Corp. Shifman Mattress

Health Care Co. LTD Health Care Co. LTD

Healthcare Arizona, LLC Healthcare Arizona, LLC

Healthcare SC, LLC Healthcare SC, LLC

Hickory Springs Manufacturing Company HSM

Hickory Springs of California, LLC HSM

Hill-Rom Inc.; Hill-Rom Holdings, Inc.;

Hill-Rom DTC, Inc.

Hollywood Bed & Spring Mfg. Co. Inc. Hollywood Bed Frame Company

Idle Sleep Idle Group, LLC

IKEA Supply AG IKEA

Illinois Sleep Products Inc. ISP

Imaginarium & Co. Inc. Imaginarium & Co. Inc.

Inncor Inc. Sleep Innovations Inc.

InnoMax Corporation InnoMax Corporation

Innovative Bedding Solutions Inc. IBS

Invacare Corporation

Jeffco Fibres Inc.

Jeffco Fibres Inc.

Jiaxing Taien Springs Co. LTD Jiaxing Taien Springs Co. LTD

Joerns Healthcare, LLC Joerns Healthcare

J's Junk Removal Inc. J's Junk Removal Inc.

Jussi Beds Colet & Scandinavian Bed Company & Carpe Diem

Keetsa Inc. Keetsa

Kingsdown Inc. Kingsdown Inc.

Account DBA

Klaussner Home Furnishings Inc. Enso Sleep Systems

Kuka (HK) Trade Co. LTD Gaim Regiomontana, S.A. De C.V.

LaCroix Properties LaCroix Properties

Lakewood Candies, LLC Milliard Bedding

Latex Foam International, LLC Talalay Global

Leesa Sleep, LLC Leesa Sleep, LLC

Leggett & Platt Components Co. Inc.

Leggett & Platt Bedding

Leggett & Platt Incorporated Leggett & Platt Incorporated

Linon Home Decor Products Inc. Linon Home Decor Products Inc.

Lippert Components Inc. Lippert Components Inc.

Live and Sleep, LLC Live and Sleep

Lopes General Contractor Lopes General Contractor

Lull Ventures, LLC Lull

Made Rite Bedding Company Made Rite Bedding

Magniflex USA LTD Magniflex USA LTD

Mantua Manufacturing Company Rize

Mattress Firm Inc.

Mattress Firm Inc.

Medical Depot Inc.

Drive Medical Design and Manufacturing

Medline Industries Inc.

Medical Device Manufacturer and Distributor

Mellow Inc. Mellow Inc.

MFL Inc. MFL Inc.

Michael Thomas Furniture Inc.

The MT Company

Modway Inc. Modway Inc.

Moonlight Slumber, LLC University Sleep Products

Naturally Beds Inc. Arizona Premium Mattress

Nature Sleep System, LLC Jazvin

Night And Day Furniture, LLC Night And Day Furniture

Noble House Home Furnishings, LLC Noble House Home Furnishings

Norix Group Inc. Norix Furniture

Norix Group Inc. Norix Group Inc.

Oddello Industries, LLC Oddello Industries, LLC

Account DBA

Organic Mattresses Inc. Organic Mattresses Inc.

Pacific Urethanes, LLC Pacific Urethanes

Paramount Industrial Cos. Inc. Paramount Sleep

Peacelily Sleep Peacelily Sleep

PPJ, LLC Customatic Adjustable Bedz

Pragma Coroporation Pragma Corporation

PranaSleep, LLC PranaSleep

Prestige Fabricators Inc.

Progressive Products Inc.

Progressive Products Inc.

Progressive Products Inc.

PT. Graha Seribusatujaya

PT. Graha Seribusatujaya

Puffy, LLC Puffy Mattress

Purple Innovation, LLC Purple

Quality Sleep Shop My Green Mattress

Rest Easy, LLC Pacific Mattress Co.

Rest-Medic Sleep Products Rest-Medic Sleep Products/Luen Tai Global LTD

Restmore, LLC Restmore

Restwell Mattress Co. Restwell Mattress Factory

Rio Home Fashions Rio Home Fashions

Safavieh International, LLC
Safavieh
Safe For Home Products, LLC
SBL, LLC
SBI, LLC
SBI, LLC

Seahawk Designs Inc.

Seahawk Designs Inc.

Sealy Mattress Manufacturing Company, LLC Sealy Mattress Manufacturing Company

Select Comfort Retail Corporation Sleep Number
Select Comfort SC Corporation Comfortaire

Serta Simmons Bedding, LLC Serta and Simmons

Sferra Fine Linens, LLC Sferra

Shen Zhen L&T Industrial Co. LTD

Luen Tai Global LTD

ShenZhen Yun Lee Sponge Products Co. LTD

Luen Tai Global LTD

Shevick Sales Corp. Sleep on Latex
Sinomax USA Inc. Sinomax USA Inc.

Account DBA

Sleep Studio, LLC Authentic Comfort

Sleeping Pure, LLC Sleeping Pure

Soft-Tex International Inc. Soft-Tex International

Solstice Sleep Products Inc. Solstice Sleep Products Inc.

Somnium Inc. Somnium Inc.

Sound Sleep Products Inc.

South Bay International Inc.

South Bay International Inc.

Span America Medical Systems Inc. Span America Medical Systems

Star Seeds Co, LTD Star Seeds Co, LTD

State of Connecticut Correctional Enterprises of Connecticut

Stylus Sofas Inc. Stylus, Made to Order Sofas

Suite Sleep Inc. Suite Sleep

Technogel US Inc. Technogel US

Tempur Production USA, LLC Mountain Top Foam

Tempur Sealy International Inc.

Tempur Sealy
Thanepohn Corp.

Mattress Mill

The Bedding Group Inc.

The Bedding Group Inc.

The Original Mattress Factory Inc.

The Original Mattress Factory
Therapedic of New England, LLC
Therapedic of New England
Therapedic Sleep Products Inc.

Bedding Industries of America

Turk Sari Enterprise Turk Sari Enterprise

University Loft Company

University Loft Company

Ureblock S.A. DE C.V. Ureblock

Venture Products, LLC
Victory Supply, LLC
Vinyl Products Mfg. Inc.
Venture Products, LLC
Victory Supply, LLC
Vinyl Products Mfg. Inc.
Vinyl Products Mfg. Inc.

Vispring Limited Vispring Limited

Vi-Spring Limited Vispring

VPC Group Inc. VPC Group

Werner Media Partners, LLC Ghostbed

White Dove Mattress, LTD White Dove Mattress, LTD

Account	DBA
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Woodhaven Furniture Industries Woodhaven Furniture Industries

Xpress Sweeping Inc. Xpress Sweeping Inc.

Yaasa Studios Inc. Yaasa Studios Inc.

Zhejiang Alright Home Textiles Co. LTD

Zhejiang Alright Home Textiles Co. LTD

Zinus Inc. Zinus Inc.

Zoma Sleep, LLC Zoma Sleep

REGISTERED BRANDS AND URNS AS OF JUNE 30, 2022

109884 848625032590 12 Park 848625032606 141718 848625032613 164351 848625032620 2920 848625032637 41764 CN 848625032644 "42600 848625032651 9"" CONTRACT 12-SLAT FDN 7524" 848625032668 "42642 848625032675 PARK VIEW PLUSH" 848625032682 "42643 848625032699 WESTWOOD PLUSH" 848625032705

"42645 "95200

PARAGON PLUSH" ACCOR BOX COVER FR 28-4215"

"42646 Ace Hotel Mattress

BASEPLATE 7"" PARAGON 12-SLAT FDN" Aireloom 42647 airweave

7"" PARAGON 12-SLAT FDN" American Hotel Register Company

"42653 AMERICAN NATIONAL MANUFACTURING

WESTWOOD II PLUSH" INC

753793035352

"42745american sleep collection 621G6 PREMIUM"american sleep collection 801"42747american sleep collection 821

G6 ULTRA PLUSH" american sleep collection full motion

"46622 american sleep collection memgel

CONCERTO II 800 PLUSH" american sleep collection memories

5 Little Monkeys Bedding, Inc. CA 43267 american sleep collection millennium

753793857107 american sleep collection prelude

753793857114 american sleep collection semi-waveless

american sleep collection motion reduced

753793912035 american sleep collection trinity

753793958354 american sleep collection ultra wavelesss

848625025530 american sleep collection visions 848625025547 american sleep collections priceton 848625025554 american sleep collections reflections

848625025561 Amore Beds 848625032538 Ananda 848625032545 Anew

848625032552 Anti-Gravity PR Collection

848625032569 Ascent

848625032576 Authentic Comfort

848625032583 Aveline

Barclay Butera Lifestyle Bedding by CA 46357 VN Eastern Accents CA 46429 ID Beautyrest CA 46842 MX

CA 47007 TX BedInABox

CAPITAL BEDDING INC Best Choice Products UT 6010 (CD)

Caroline bigolbed BIO SLEEP CONCEPT Casper

Childrens Products LLC Biofresh

Blackstone Christeli Blissful Nights ComforPedic ComforPedic Loft Bob Barker Body Flex comfort craft 4500 **Body Solutions** comfort craft 5500 Boyd Mattresses comfort craft 7500 comfort craft 9500 Brentwood Home Broyhill comfort craft cascade

Broyhill Mattresses comfort craft gemini CA 27689 comfort craft horizon CA 29168 comfort craft imperial

CA 29719 comfort craft innopedic latex comfort craft innopedic memcell CA 32487

CA 32520 comfort craft paradise CA 34604 MX comfort craft perfections CA 34948 comfort craft spectrum CA 39259 CN comfort craft vista Comfort Dreams CA 40277 CN CA 41764 CN Comfort Tech

CA 41826 ComfortSpring PLUS CA 43026 ComfortSpring™

CA 43267 Cornerstone Mattresses

"CA 43303 CORSICANA OPERATING CO., LLC

PragmaBed" Cradlesoft CA 43618 CT 0005195 CA 44083 CN CT 7806893 PL CA 44497 Customatic CA 44639 IT Denver Mattress

CA 44921 Denver Mattress Hospitality

CA 45287 Dormeo CA 45867 dream bed CA 46242 Dream Rest CA 46297 MS Dreamcloud CA 46344 VN Drexel Heritage

Drexel Heritage Mattresses Helix Sleep

Eclipse Hollywood Bed Frame Company
Eco Hollywood EZ Sleeper CA 29539
Elements Sleep Hollywood Rollaway Bed CA 20723

Elysse Hope Mattress

Emma Hotel
Engineered Sleep Idle Sleep
ENSO IKEA

EnviroSpring™ Imaginarium
Ergovea Invacare
Essential Jamison
Evaya Jazvin
FACTORY DIRECT, INC. Jenna
FE Inverted Seam Innerspring Collection Jordan's

Flame Chek Foam Jussi & Carpe Diem Karma by PranaSleep

Flame Chek Supreme Kate
Flame Chek Ultra Keetsa
Flex-A-Bed High-Low King Koil
Flex-A-Bed Premier Kingsdown

Flex-A-Bed Value Flex KIRKLAND SIGNATURE

Flexhaven Kluft
FOAM CRAFT DIVISION OF FUTURE Kyvno

FOAM INC

FOXZY PRODUCTS CORP

Leesa Hybrid Mattress

Future Foam, Inc.

Gel Foam Bed

Lady AMERICANA SW.

Leesa Hybrid Mattress

Leesa Legend Mattress

Leesa Original Mattress

Leesa Studio Mattress

genesis 500 Lifekind genesis 600 LinenSpa®

genesis 400

genesis 700 Linon Home Decor genesis 800 Little Lamb Organics genesis 900 Live and Sleep

genesis dual 800 Lotus by PranaSleep

Geo-comfort LUCID®
Geo-gel Luft
Ghost Bed LUMEX
Ghostbed Luuf

Ghostbed by Nature's Sleep Luxury Solutions
Grande Hotel luxury support 2300
Groove luxury support 3300

Harvest Green Mattress luxury support 5300

luxury support 6300 NC 3338 GA luxury support 7300 NC 3340 GA NC 3343 IA luxury support 8300 luxury support air cell NC 3344 KS luxury support cashmere NC 3345 MA NC 3346 MA luxury support evolutions NC 3347 MS luxury support fusion luxury support harmony NC 3348 luxury support majestic NC 3350 NY luxury support medallion NC 3351 NY NC 3352 PA luxury support mystique luxury support neuveau NC 3353 PA luxury support omni NC 3354 TX luxury support transitions NC 3356 UT NC 3357 VA MA-3319 MADERITE BEDDING CO NC 3358 WA MAGNIFLEX NC 3360 WI NC 3361 WI Mattress Firm Mattress Mill NC 700

Maximum Security Night and Day Furniture

MFG. CA 43267 Novaform

MFG.OH.0001165.NC OH 00001165 NC

MFL, Inc.

Michael Thomas Furniture

MicroAIR

Miles Talbott Furniture

OH 1165 NC O

OH 17603

OH 20457 SC

Milliard OH 71445 UK
Molecule OK 174
Natura OK 714 MN

natural reserve allura OK 799 natural reserve elite OkiOki

NC 3337 CO

natural reserve white night

Om by PranaSleep

NC 1724 FL PA 24700 CD NC 1726 VA PA 26221 NC 3095 PA 26948 MX NC 3332 AL PA 27155 MS NC 3333 AZ PA 27156 CA NC 3334 AZ PA 28284 CN NC 3335 CA PA 28396 CN NC 3335 TX PA 28521 CN NC 3336 CO PA 28649 CN

PA 28745 CN

PA 28938 CN Resort Collection

PA 28993 WI Resort Mattress Collection

PA 29426 CN Resort Sleep

PA 29636 CN Rize

PA 29838 CN RN 143552 PA 29878 CN Sabrina

PA 29988 CN sanctuary free flow

PA 29989 CN Sealy
PA 3214 DE Seely Serta

PA 40038 CN Select Comfort SC Corporation -

PA 40039 CN Comfortaire
PA 40090 CN Select Luxury
PA 40208 IL Sensalux Mattress

PA 40220 CN sensations collection affinity
PA 40221 CN sensations collection embrace

PA 40222 IT sensations collection hybrid supreme

PA 40232 CN sensations collection rhapsody
PA 40267 CN sensations collection spirit
PA 40309 MS sensations collection splendor

PA 40658 MS SensorPEDIC PA 41690 Serenia Sleep

PA 41696 VA Serta

PA 41697 NM Silver Rest
PA 42372 MX Silver Spring Collection

PA 42543 Simmons

PA 42543 TW Simmons Juvenile Furniture

Pacific MattressSimmons KidsPeacelily SleepSimply ModernPFS Fiber Core CollectionSleep CreationsPleasant MattressSleep Love

Posh and Lavish
PranaSleep
Sleep Science
Sleep Studio
Sleep Zone
Pure Green Natural Latex Mattress
SleepFresh

Pure Rest Sleepy's
PureSleep Slumber Perfect

Purple Slumber Solutions
Quality Sleep Shop, dba. My Green Snuggle

Mattress Softform
Reguvigel Solace
Relax the Back Solid Night
Resort CA 765 Somnium

somnum [®]	UT 3264 MX
Sonno Notte Luxury Firm Mattress and	UT 3265 MX
foundations by SFERRA	UT 3479 GA
Sonno Notte Pillow Top Mattress and	UT 3481 GA
foundations by SFERRA	UT 3703 FL
Spring Air	UT 3704 CA
Stearns & Foster	UT 3728 CN
Stearns and Foster	UT 3783 MS
Stellar Foam Core Collection	UT 3798 SC
Sterling Sleep Systems	UT 4003 FL
STO-A-WAY Mattress Foundation	UT 4017 OH
Stylus	UT 4187 TN
Suite Dreams	UT 4209 CN
Suite Essentials	UT 4288 CO
Target	UT 4372 AR
Tempur-Pedic	UT 4436 NC
The Haven Bed	UT 4469 MS
The Original Mattress Factory	UT 4576 GA
Thomasville	UT 4780 CA
Thomasville Mattresses	UT 5034 CN
Tuft & Needle	UT 5081 MX
TX 16112	UT 5090 GA
TX 3823 MS	UT 5094
TX 4058 TX	UT 5321 ID
University Sleep Products' Enhanced Style	UT 5413 TX
B Mattress	UT 5860 SI
University Sleep Products' Enhanced Style	UT 5979 AZ
C Mattress	UT 6179 CA
University Sleep Products' Style D	UT 6180 IL
Mattress	UT 6181 MS
URN # MA 2363	UT 6182 MS
URN# 110472	UT 6339
UT 2263 IN	"V1012
UT 2264 PA	OXYGEN XG200"
UT 2265 NC	VA 10488 NJ
UT 2266 CA	VA 12541 MS
UT 2267 MS	VA 17138 KY
UT 2270 OR	VA 22932 CA
UT 2671 KS	VA 23383 CN
UT 3196 GA	VA 27531 CN
UT 3228 GA	VA 28491 MX
UT 3250 MS	VA 28493 MO

VA 29961 IL ValueLine
VA 34679 TH Veridian
VA 50267 IL ViscoFresh
VA 558 CA Vispring
VA 558 IN Waves CA 765

VA 558 KY

VA 558 PA

Valeo

Valeo

Valee CA 76

Wellsville®

Zinus Inc.

Zoma Sleep

APPENDIX B: COLLECTION SITES

PARTICIPATING MUNICIPALITIES

SITE	ADDRESS	CITY	ACCESS
Barrington Transfer Station	84 Upland Way	Barrington	Drop-off for residents up to 3 units
Bristol Transfer Station	6 Minturn Farm Rd.	Bristol	Drop-off for residents up to 3 units
Charlestown Residential Collection Center	50 Sand Hill Rd.	Charlestown	Drop-off for residents up to 3 units
Glocester Transfer Station	121 Chestnut Hill Rd.	Chepachet	Drop-off for residents up to 3 units
Coventry Transfer Station	1668 Flat River Rd.	Coventry	Drop-off for residents up to 3 units
Cranston Highway Division	929 Phenix Ave.	Cranston	Drop-off for residents up to 3 units
East Greenwich Transfer Station	Crompton Avenue between the Town Boat Ramp and the Sewage Treatment Plant	East Greenwich	Drop-off for residents up to 3 units
Exeter Transfer Station	890 Ten Rod Rd.	Exeter	Drop-off for residents up to 3 units
Foster Department of Public Works	86 Foster Center Rd.	Foster	Drop-off for residents up to 3 units
Jamestown Transfer Station	1218 North Main Rd.	Jamestown	Drop-off for residents up to 3 units
Little Compton Transfer Station	122 Amy Hart Path	Little Compton	Drop-off for residents up to 3 units
Town of New Shoreham	14 West Beach Rd.	New Shoreham	Drop-off for residents up to 3 units
North Kingstown Transfer Station	345 Devils Foot Rd.	North Kingstown	Drop-off for residents up to 3 units
Scituate Department of Public Works	1 Lincoln Cir.	North Scituate	Drop-off for residents up to 3 units
Town of North Smithfield Highway Garage	281 Quaker Hwy.	North Smithfield	Drop-off for residents up to 3 units
Town of Burrillville	350 Whipple Ave.	Oakland	Drop-off for residents up to 3 units
Portsmouth Transfer Station	West Main Road and Hedley Street	Portsmouth	Drop-off for residents up to 3 units

PARTICIPATING MUNICIPALITIES continued

SITE	ADDRESS	CITY	ACCESS
Providence Department of Public Works	700 Allens Ave.	Providence	Drop-off for residents up to 3 units
Tiverton Landfill	3524 Main Rd.	Tiverton	Drop-off for residents up to 3 units
Rose Hill Regional Transfer Station	163 Rose Hill Rd.	Wakefield	Drop-off for Wakefield and Narragansett residents up to 3 units
Warren Municipal Transfer Station	21 Birch Swamp Rd.	Warren	Drop-off for residents up to 3 units
Warwick Recycling Facility	111 Range Rd.	Warwick	Drop-off for residents up to 3 units
West Greenwich Transfer Station	68 Bates Trail	West Greenwich	Drop-off for residents up to 3 units
West Warwick Department of Public Works	10 Junior St.	West Warwick	Drop-off for residents up to 3 units
Town of Westerly and Hopkinton	39 Larry Hirsch Ln.	Westerly	Drop-off for Westerly residents up to 3 units
Woonsocket Solid Waste Recycle Facility	943 River St.	Woonsocket	Drop-off for residents up to 3 units
Richmond Transfer Station	51 Buttonwoods Rd.	Wyoming	Drop-off for residents up to 3 units

CURBSIDE COLLECTION SITES

SITE	ADDRESS	CITY	CONTACT
Central Falls Department of Public Works	Curbside pick up by appointment	Central Falls	Municipal Recycling Coordinator
City of East Providence	Curbside pick up by appointment	East Providence	Municipal Recycling Coordinator
City of Pawtucket	Curbside pick up by appointment	Pawtucket	Municipal Recycling Coordinator
Town of Lincoln Highway Department	Curbside pick up by appointment	Lincoln	Municipal Recycling Coordinator
Town of North Providence	Curbside pick up by appointment	North Providence	Municipal Recycling Coordinator

PRIVATE TRANSFER STATION

SITE	ADDRESS	CITY	ACCESS/UNIT LIMIT
Waste Management	65 Halsey St.	Newport	Drop-off for Newport residents up to 3 units
Blackstone Valley Regional Transfer Station	240 Grotto Ave.	Pawtucket	Drop-off for Central Falls, Pawtucket, and Providence residents up to 3 units
Waste Management - Cranston	Curbside pick up by appointment	Cranston	Waste Management customers
J.R. Vinagro	116 Shun Pike	Johnston	For J.R. Vinagro customers

LANDFILL

SITE	ADDRESS	CITY	ACCESS/UNIT LIMIT	
RI Resource Recovery	65 Shun Pike Rd.	Johnston	Drop-off for all RI residents	

PRIVATE COLLECTION SITE

SITE	ADDRESS	CITY	ACCESS/UNIT LIMIT
Tough Stuff Recycling	1372 Main Street	Coventry, RI	Drop-off for all RI residents; allows pre-scheduled business drop-off from MRC registered participants

RECYCLING FACILITIES

SITE	ADDRESS	CITY	ACCESS/UNIT LIMIT
Ace Mattress Recycling	14 Clyde St.	West Warwick	Drop-off for all RI residents; allows pre-scheduled drop-off from MRC registered participants
Ace Mattress Recycling	1950 South County Trail	East Greenwich	Drop-off for all RI residents; allows pre-scheduled drop-off from MRC registered participants
GM Framingham	12 Industrial Road	Milford, MA	No public drop-off
Tough Stuff Recycling	145 Authority Drive	Fitchburg, MA	No public drop off
Willimantic Waste	185 Recycling Way	Windham, CT	No public drop off

COLLECTION EVENTS

EVENT	ADDRESS	CITY	DATE
Town of Smithfield Department of Public Works	3 Spragueville Rd	Smithfield	7/17/2021
Town of Smithfield Department of Public Works	3 Spragueville Rd	Smithfield	10/16/2021
Town of Smithfield Department of Public Works	3 Spragueville Rd	Smithfield	3/12/2022
Middletown at Sachuest (AKA Second) Beach	474 Sachuest Point Rd	Middletown	9/25/2021
Middletown at Sachuest (AKA Second) Beach	474 Sachuest Point Rd	Middletown	11/6/2021
Middletown at Sachuest (AKA Second) Beach	474 Sachuest Point Rd	Middletown	3/26/2022
Middletown at Sachuest (AKA Second) Beach	474 Sachuest Point Rd	Middletown	5/5/2022
City of Providence Mattress Drive	231 Amherst St	Providence	10/16/2021
City of Providence Mattress Drive	180 Mount Pleasant Ave	Providence	3/26/2022
City of Providence Mattress Drive	191 Webster Ave	Providence	5/7/2022

APPENDIX C: STAKEHOLDER OUTREACH

JULY 1, 2021 - JUNE 30, 2022

DATE	EVENT	LOCATION	STAKEHOLDER GROUP
8/22/2021 - 8/26/2021	Summer Las Vegas Market	Las Vegas, NV	Mattress Industry
9/1/2021 - 9/2/2021	American Home Furnishings Alliance Sustainability & Regulatory Summit	Greensboro, NC	Mattress Industry
9/23/2021	New Materials Recycling Committee	Charlotte, NC	Mattress Industry
9/29/2021	Renuva/Dow Webinar	Virtual	Mattress Industry & Research
10/5/2021 - 10/7/2021	Polyurethanes Technical Conference	National Harbor, MD	Mattress Industry & Research
10/12/2021 - 10/14/2021	Northeast Recycling Council Fall Conference	Virtual	Waste & Recycling Industry
10/26/2021	Jobs & the Economy: Recycling Economic Information Studies Webinar	Virtual	Waste & Recycling Industry
12/8/2021	National Zero Waste Virtual Conference	Virtual	Waste & Recycling Industry
1/11/2022	Circularity Committee	Virtual	Mattress Industry
1/23/2022 - 1/27/2022	Winter Las Vegas Market	Las Vegas, NV	Mattress Industry
2/6/2022 - 2/8/2022	Northeast Furniture and Accessory Market	Edison, NJ	Mattress Industry
3/8/2022 - 3/10/2022	International Sleep Products Association EXPO	Orlando, FL	Mattress Industry
3/10/2022	New Materials Recycling Committee	Orlando, FL	Mattress Industry
3/11/2022	Environmental Business Council Annual "Talking Trash" Conference	Westborough, MA	Waste & Recycling Industry

JULY 1, 2021 - JUNE 30, 2022 continued

DATE	EVENT	LOCATION	STAKEHOLDER GROUP
3/31/2022 -4/1/2022	MassRecycle Conference & Trade Show	Virtual	Waste & Recycling Industry
4/12/2022 - 4/13/2022	Northeast Recycling Council Spring Conference	Virtual	Waste & Recycling Industry
5/4/2022	Circularity Committee	Virtual	Mattress Industry
5/17/2022 -5/19/2022	GreenBiz Circularity Conference	Atlanta, GA	Product Designers & Research

APPENDIX D: PUBLIC EDUCATION MATERIALS

INFO CARD





DIGITAL BADGE







CUSTOMER QUESTIONS ABOUT THE MATTRESS RECYCLING FEE

This list of frequently asked questions (FAQs) is here to help. Please share with your staff.

1. Why do I have to pay the recycling fee and what is it for?

State law requires retailers to collect a recycling fee on each mattress and box spring that is sold. The fee funds the state's mattress recycling program and provides for collection, transportation and recycling of old mattresses and box springs. The amount of the fee is the same statewide and is not controlled by individual retailers. More than 75 percent of a mattress can be recycled into new consumer and industrial products. The recycling program diverts valuable materials from landfill and helps keep bulky waste like mattresses and box springs out of the waste stream.

2. Who is the Mattress Recycling Council?

The Mattress Recycling Council (MRC) is a nonprofit organization that operates recycling programs known as Bye Bye Mattress in states that have passed mattress recycling laws. MRC was founded by the bedding industry and recycles nearly 2 million mattresses each year. For more information about MRC, go to www.MattressRecyclingCouncil.org. To learn how to recycle your mattress or to find a collection location or event near you, visit www.ByeByeMattress.com.

3. If I don't plan to discard a mattress now, why do I have to pay this fee?

Even if you aren't discarding a mattress right now, mattresses don't last forever and will eventually be discarded. State law requires retailers to collect this fee on any mattress or box spring sale to fund the state's mattress recycling program. This program provides a network of participating cities, towns, retailers, recyclers and other organizations where old mattresses are collected for recycling at no additional cost to you. The fee also supports efforts to combat illegal dumping of mattresses and help keep our community clean.

4. If I decide to take my old mattress to a recycler myself, do I still pay the fee?

Yes, state law requires retailers to collect this fee on any mattress and box spring sale at the time of purchase to fund the mattress recycling program. You may receive a modest financial incentive if you drop off your used mattress or box spring at a designated recycling location. Visit www.ByeByeMattress.com to find the location nearest you.

5. I didn't pay this fee when I bought my old mattress, so will it be accepted for recycling?

Yes, MRC's Bye Bye Mattress program will accept your old mattress no matter when it was originally purchased. To be recycled, units must be clean and dry. Normal wear and tear is expected. Units infested with bed bugs or that are heavily soiled or damaged cannot be recycled.

6. My old mattress was "unacceptable" for recycling. Can you refund my recycling fee?

No, state law requires retailers to collect this fee on any mattress and box spring sale to fund the mattress recycling program. The law does not force retailers to accept every mattress for recycling out of concern for employee health and safety. Store policy, in addition to the guidelines of the recycling program, determine what we will and won't accept. If your mattress is unacceptable for recycling, contact your city or town to learn what disposal options are available.

MORE FAQs ON NEXT PAGE –

PAGE 2 (MATTRESS RECYCLING FEE FAQs)

7. What are the benefits of mattress recycling?

Mattress recycling programs offer many benefits for the community, state and environment, including:

- Less reliance on incinerators and landfills by diverting mattresses from the waste stream
- Reduces the number of illegally dumped mattresses
- · Conserves resources by making used steel, foam and other materials available for use in new products
- Creates recycling jobs

8. What happens to my old mattress or box spring when it gets recycled?

Recycled mattresses are cut open and the layers are separated and organized by type. Wood is recycled and used as a fuel source or shredded to produce landscaping mulch. Foam, fiber and other soft commodities are compressed and turned into carpet underlayment or animal bed padding. Metal and box springs are extracted, sent to recyclers and used to make building materials.

9. Will the Mattress Recycling Council or Bye Bye Mattress program pick up my old mattress from my home?

If your store takes back old mattresses:

No, but our store offers this service at time of delivery of your new mattress. (If your store recycles with the program, please let the customer know. Otherwise direct them to drop off their mattress at one of our free collection points listed on www.ByeByeMattress.com.)

If your store does not take back old mattresses, your response should be:

Mattresses are collected from a vast network of free collection sites throughout the state. These are typically public works yards or transfer stations. Your city/town may also collect bulky items at curbside as part of your trash service. Visit www.ByeByeMattress.com to see what options are available. The Mattress Recycling Council or the Bye Bye Mattress program does not pick up mattresses from customer's homes.

California Retailer Take Back Requirement

In California, mattress retailers are required by law to offer to take back old mattresses at no extra cost when delivering new ones. This applies to any method of delivery (in-house, third-party and even common carriers like USPS, UPS, FedEx). Your customer may be aware of this or mention having heard or seen this in an ad.

Please make information available on your website, in the purchasing process or in your shipping/delivery communications about how the pickup of an old mattress will work. Also consider sharing this information with those providing customer service.

RETAILERS CAN RECYCLE WITH US TOO: Learn more about the Bye Bye Mattress Commercial Volume Program.

SUBSCRIBE TO OUR NEWSLETTER: Sign up here for customer education tips, program news and free resources.

NEED MORE INFORMATION? Please contact <u>info@byebyemattress.com</u> or call 1-855-494-8400.

THANK YOU FOR SUPPORTING THE MATTRESS RECYCLING COUNCIL'S BYE BYE MATTRESS PROGRAM.

STOP ILLEGAL DUMPING





STOP ILLEGAL DUMPING continued

VYMI0039000H Mattress Recycling Council Illegal Dumping Sandman :30 English

VO: Hi there, your Sandman here. I know a few things about getting a good night's sleep, and I've seen you tossing and turning about how to get rid of that lumpy, old mattress.

But dumping it in an ally or parking lot - what a nightmare! It's awful to look at -- *and illegal too.* (loud whisper)

But hey! You can recycle it for FREE and start sleeping soundly again, I'll even throw in a few sweet dreams!

Visit ByeByeMattress.com to find your nearest drop-off location.

VYMI0040000H
Mattress Recycling Council
Illegal Dumping Sandman
:30 Spanish

VO: Hola, soy el Arenero. Sé un par de cosas acerca de dormir bien y te he visto dando vueltas en la cama pensando en cómo deshacerte de ese viejo y pesado colchón.

Pero tirarlo en un callejón o estacionamiento... ¡Qué pesadilla! Queda horrible y, además, es ilegal.

Pero, escucha: puedes reciclarlo gratis y volver a dormir bien. Y hasta te regalaré unos cuantos dulces sueños.

Visita ByeByeMattress.com para encontrar el punto de entrega más cercano.

BREAK UP THE RIGHT WAY WITH YOUR OLD MATTRESS



ENGLISH

https://www.youtube.com/watch?v=8wILN8gXz7Q

SPANISH

https://www.youtube.com/watch?v=xYqdlU_eGHY_

MANDARIN

https://www.youtube.com/watch?v=A4cG7O9-ORo

BREAK UP THE RIGHT WAY WITH YOUR OLD MATTRESS continued

Bye Bye Mattress

TV:30

PSA TV #1 "the break-up" Final



Open on a door to a non-descript home. Door opens and the Mattress Man (MM) steps out of the room in full view.

A memory "bubble" pops up next to the MM of a person sleeping comfortably in bed.

(If there is time in the animation: In the memory "bubble" the person now has a pillow over their head because their neighbor's music is too loud—wall is vibrating).

Door closes behind MM.

Scene behind MM changes to a mattress wandering a trash-filled alley. He passes by a sad looking mattress with a "free" sign on it.

It changes back to his original talking position scene and things that he could be recycled to pops up (I-beams, carpet foam, mulch....)

MM holds up a sign with ByeByeMattress.com on it.

Super: Bye Bye Mattress logo (room for tag space)

SFX: upbeat music.

Hey, I'm your mattress.

We've been together for a while now, and its been *g-r-e-a-t*.

But let's be honest. I think we are *both* ready for a fresh start.

Just don't toss me out without thinking of *where* I'll end up or *how* I'll even get there. I'm ready to be more than a mattress after all these years.

I want to be <u>recycled</u> into <u>new</u> things... there's still a lot of good parts here to use.

Check out ByeByeMattress dot com.

Learn more about recycling and the *easy* ways to get rid of an old mattress, like me, for *free!*

BREAK UP THE RIGHT WAY WITH YOUR OLD MATTRESS continued

File name: VYMI0100000H (1)_VO Client: Williams Whittle (Bye Bye Mattress)

Job ID: US1139221

Transcribed by TransPerfect

Timecode	Source	Translation
00:00:08	Hey, I'm your mattress.	嗨,我是您的床垫
00:00:23	We've been together for a while	我们已经朝夕相处了一段日子,
	now, but let's be honest. I think	但是坦白说 我认为我们都准备好
	we are both ready for a fresh start.	迎接新生活了
	Just don't toss me out without thinking of where I'll end up or	请不要把我随意丢弃,不考虑我
	how I'll even get there. I'm ready	的去处, 甚至也不在乎我怎样前
	to be more than a mattress after all	往 因为多年以后,我可能不只是
	these years.	一张床垫
00:00:24	I want to be recycled into new	我想要在回收利用后焕发新生 我
00:00:36	things. There's still a lot of good	还有很多完好的零件可供使用 访
	parts here to use. Check out	问 ByeByeMattress.com
	ByeByeMattress.com.	了解更多关于回收利用的信息,
	Learn more about recycling and	以及免费处理像我这样的旧床垫
	the easy ways to get rid of an old	
	mattress, like me, for free!	的简单方法!

File name: VYMI0100000H (1)_VO Client: Williams Whittle (Bye Mattress) Job ID: US1139221

Transcribed by TransPerfect

Timecode	Source	Translation	
00:00:08	Hey, I'm your mattress.	Hola, soy tu colchón.	
00:00:23	We've been together for a while now, but let's be honest. I think we are both ready for a fresh start. Just don't toss me out without thinking of where I'll end up or how I'll even get there. I'm ready to be more than a mattress after all these years.	Hace mucho que estamos juntos, pero a decir verdad, creo que ambos estamos listos para un nuevo comienzo. No me saques sin pensar en dónde terminaré ni cómo llegaré allí. Estoy listo para ser más que un colchón	
00:00:24	I want to be recycled into new	después de todos estos años. Quiero que me reciclen y	
00:00:36	things. There's still a lot of good parts here to use. Check out ByeByeMattress.com. Learn more about recycling and the easy ways to get rid of an old mattress, like me, for free!	convertirme en algo nuevo. Partes de mí se pueden volver a usar. Visita ByeByeMattress.com para más información sobre reciclaje y formas fáciles ¡y gratis! de deshacerte de un colchón viejo como yo.	