

# December 5, 2023 State Mattress Recycling Baseline & Goals Workshop

## Discussion Document

### **Purpose:**

Pursuant to Public Resources Code (PRC) section 42987.5, CalRecycle, in consultation with the mattress recycling organization (MRO), must review and update as necessary, the statewide mattress baselines and goals every four years, beginning July 1, 2020 (by July 1, 2024). The purpose of this document is to facilitate the discussion at CalRecycle's December 5, 2023, workshop.

### **Background:**

CalRecycle established the statewide recycling rate, recycling efficiency rate, and consumer convenience baseline amounts and goals, as well as the statewide renovation baseline, which include mattresses that are managed as part of the mattress recycling organization's program and mattresses managed outside of the program, that went into effect on July 1, 2020.

CalRecycle also established consumer access, rural retailer access, and urban retailer access goals specific to the MRO's program, that went into effect on January 1, 2022. Mattress Recycling Council (MRC), the only MRO currently operating in California, must also comply with the Consumer Access and No-Cost Freight Service statutory requirements.

### **Public Comment:**

Interested parties will be given an opportunity to provide input on potential updates to the state mattress recycling baseline amount and state mattress recycling goals.

**Statewide Goals:**

**Table 1. State Mattress Baseline and Recycling Goals, effective July 1, 2020, Compared to 2021-2022 Actual Performance:**

	<u>Baseline</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>
Recycling Rate Goal  (Recycle and renovate 81% of the units recycled, renovated, and disposed statewide)	81%	81% ± 5%	81% ± 5%	81% ± 5%	81% ± 5%
Recycling Rate Actual	N/A	<b>82.6%</b>	<b>84.9%</b>	TBD	TBD
Efficiency Rate Goal  (Recycle and renovate 65% of the weight of materials recycled, renovated, and disposed statewide)	65%	65% ± 5%	65% ± 5%	65% ± 5%	65% ± 5%
Efficiency Rate Actual	N/A	<b>63.5%</b>	<b>68.3%</b>	TBD	TBD
Renovation Baseline	225,000	225,000	225,000	225,000	225,000
Renovation Actual	225,000	201,542	283,569	TBD	TBD

**Current State Recycling Rate and Efficiency Rate Equations:**

- State Recycling Rate=  
$$\frac{(\text{units recycled statewide} + \text{units renovated statewide})}{(\text{units recycled statewide} + \text{units renovated statewide} + \text{units disposed statewide})}$$
- State Efficiency Rate=  
$$\frac{(\text{pounds recycled statewide} + \text{pounds renovated statewide})}{(\text{pounds recycled statewide} + \text{pounds renovated statewide} + \text{pounds disposed statewide})}$$

**Questions:**

1. Are there any questions or comments about the statewide recycling rate and/or efficiency rate baselines?
2. Are there any questions or comments about the statewide recycling rate equation?
3. Are there any questions or comments about the efficiency rate equation? What, if any, conversion factors may be reasonable and appropriate to include in the efficiency rate equation? Is there any other information CalRecycle could consider regarding the efficiency rate equation calculations?
4. Are there any questions or comments about the current recycling rate and/or efficiency rate goals? Is it reasonable and appropriate to continue to use the +/- 5% ranges?
5. Are there any questions or comments about the renovation baseline? Are there comments regarding any other reasonable and appropriate metrics to monitor renovation?
6. Is it reasonable and appropriate to evaluate renovation as a component of the recycling rate and efficiency rate?

**Table 2. Consumer Convenience Goals, effective July 1, 2020, Compared to 2021-2022 Actual Performance**

	<u>Baseline</u>	<u>2021 Goal</u>	<u>2022 Goal</u>	<u>2023 Goal</u>	<u>2024 Goal</u>
Consumer convenience Goal (# of collection opportunities*)	120	212	215	218	221
Actual # of collection opportunities	N/A	223	258	TBD	TBD

\*The metrics for monitoring achievement of the consumer convenience goal include the number of sites in MRC’s collection network, disposal facilities that accept mattresses, curbside programs that accept mattresses, retailers that take-back old mattresses upon delivery of new mattresses, and recycling facilities operating both inside and outside of MRC’s program that accept mattresses, provided they are at no cost to the consumer.

**Questions:**

1. Are there any questions or comments about the consumer convenience baseline?
2. Are there any questions or comments about the consumer convenience goal? Are there any comments regarding reasonable and appropriate modifications to the consumer convenience goal (e.g., monitoring the number of collection opportunities relative to population)? Is there any other information or metrics that CalRecycle could consider regarding consumer convenience?

**Program Goals and Requirements:**

**Table 3. Consumer and Retailer Access Baselines and Goals, effective January 1, 2022, Compared to 2021-2022 Actual Performance:**

	<u>Baseline</u>	<u>2021 Actual</u>	<u>2022 Actual</u>	<u>2024 Goal</u>
Consumer Access to the Program (94% of population within 15 miles of collection site or bulky item pickup by 2024)	89.6%	96.5%	96.9%	94%
Rural Retailer Access to the Program (95% of California consumers in rural areas located within 40 miles of a no-cost collection site that accepts commercial volume)	81%	99.4%	99.5%	95%
Urban Retailer Access to the Program (80% of California consumers in urban areas located within 20 miles of a no-cost collection site that accepts commercial volume)	63%	99.1%	99.1%	80%

**Questions:**

1. Are there any questions or comments about the consumer and/or retailer access baselines?
2. Are there any questions or comments about the consumer or retailer access goals? Are there any comments regarding reasonable and appropriate modifications to the retailer access goal (e.g., updates to the distance from a collection site or percentage of the population)?

**Statutory Requirements:**

**Table 4. Statutory Requirements for Consumer Access and No-Cost Freight Service, Compared to 2021-2022 Actual Performance**

	<u>Statutory Requirement</u>	<u>2021 Actual</u>	<u>2022 Actual</u>
Consumer Access	MRO shall provide convenient consumer access to program, including at least one permanent drop-off location in each county (shall not apply to county with <2,000 people if MRO provides 2+ events in county each year. CalRecycle may require additional locations.	Established at least one site in 56 out of 58 counties.	Established at least one site in all 58 counties.
No-Cost Freight Service	MRO shall provide no-cost freight services to retailer, healthcare facility, educational facility, military base, or lodging establishment with 100+ units to pick up at one time.	MRC provided no-cost freight service	MRC provided no-cost freight service

**Questions:**

1. Are there any questions or comments about the requirement to establish at least one permanent drop-off location in each county? Is there any other information or metrics that CalRecycle could consider regarding this requirement (e.g., the establishment of additional drop-off sites in each county)?
2. Are there any questions or comments about the statutory requirement to provide no-cost freight service?