Handbook

on How to Separate and Dispose of Garbage

英語版



Illustration: In cooperation with Happy Earth Day Osaka Executive Committee

Types of garbage

The garbage collected by Yao City is categorized into eight types.

Item		Identification mark	Type of designated garbage bags	Page
Burnable garbage	Eight types for separation	•	Yellowish green/milky-white bag (Distributed from the city free of charge)	
Portable gas cartridges/spray cans	Sara	N/A	Transparent bag (No such a bag distributed from the city)	2
Plastic containers and packaging	sek	Y	Pink/semi-translucent bag	3
PET bottles	for	•	(Distributed from the city free of charge)	5
Recyclable garbage	sec	*	I in the late of the control of the	5
Miscellaneous garbage	₹		Light blue/transparent bag (Distributed from the city free of charge)	6
Landfill garbage	ght	A	(Distributed from the only free of charge)	6
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■ Types of designated garbage bags for home use



Burnable garbage Yellowish green, 35 L



Plastic containers, packaging and PET bottles Pink, 45 L



Recyclable, miscellaneous, and landfill garbage Light blue, 35 L

Important notes:

- Separate garbage properly.
- Do not mix plastic containers and packaging with PET bottles or mix recyclable garbage with miscellaneous and landfill garbage.
- Remember that you can take out only one garbage bag at one collection time. Tie the garbage bag securely.

Burnable garbage

- Food waste, wood chips, leather goods, garden plants, vinyl products, plastic products without the Pla-mark, etc.
- O Use your own reusable shopping bag and try not to consume plastic grocery bags, thereby aiming to reduce waste.



Main items

<Video/cassette tape> <Bucket/washbowl>









<CD>

<Leather goods>

<Plastic product (without the Pla-mark)>







<Food waste> <Garden plant>

<Diaper>

Disposal instructions

- O Drain food waste well.
- If possible, convert food waste to compost, for example, by using a garbage disposal
- Remove excrement from disposable diapers and flush it down the toilet. Same for pet
- When disposing of bamboo skewers, ensure safety, for example, by wrapping them in paper or cloth.
- When disposing of a small amount of cooking oil, ensure that it is solidified or soaked up in paper/cloth. Never place oil in a garbage bag when it is in a liquid form.
- * Items that are too large to fit in designated garbage bags, such as cushions and blankets, are classified as oversized garbage.
- Used paper, such as newspapers and cardboard, and cloths are recyclable. Use a local collective collection service.
- Take **milk cartons** to a collection box located at a supermarket or other places in the city.
- * Ensure that items do not stick out from a designated garbage bag.

Portable gas cartridges/spray cans

 Take out portable gas cartridges/spray cans only after emptying them completely. You don't have to punch a hole.

Twice a week

Items





<Portable gas cartridge>

<Spray can>

* Caps with the Pla-mark are categorized as plastic containers and packaging.

Disposal instructions

- Place portable gas cartridges/spray cans into a transparent bag.
- Place the bag next to your burnable garbage bag.
- Take out portable gas cartridges/spray cans every time you have used up their contents (about two or three items per collection time), rather than taking out many items all together.
- If you take out gas cartridges/spray cans before emptying them completely, a fire accident might occur in the garbage collection truck or in the disposal pit. Be sure to take out portable gas cartridges/spray cans only after emptying them completely.

tlf you hear some sound suggesting that contents remain in a portable gas cartridge or a spray can even the vo after you have emptied it completely, please contact the manufacturer indicated on the product. If no manufacturer's name is indicated on the product, please contact the following:

Portable gas cartridges: Japan Industrial Association of Gas and Kerosene Appliances

Spray cans: Aerosol Industry Association of Japan TEL: 03-5207-9850

TEL: 0120-14-9996

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Plastic containers and packaging





 With a few exceptions, the identification mark (Pla-mark) is on all plastic containers and packaging. Please look for the Pla-mark, illustrated on the right.

Read for snacks, sweets, etc. **Food tray and other packaging** **Cling wrap and film** **Plastic grocery bag**

What are plastic containers and packaging?

- Some items are difficult to clean out or have strong odors (e.g. tubes). Take out such items as burnable garbage since they are difficult to sort.
- Styrene foam items are categorized as plastic containers and packaging.
- © Do not mix plastic products, such as buckets, toys, and CDs, with plastic containers and packaging.
- O Do not mix PET bottles with plastic containers and packaging.

What are plastic containers and packaging?

- Plastic items used for containing products (i.e. containers) or wrapping products (i.e. packaging)
- The products themselves are excluded, even if they are made of plastic.
- * Plastic tubes for mayonnaise, ketchup, etc. and soup sachets for cup noodles, etc. have the Pla-mark on them. However, if you cannot clean them completely, you need to dispose of them as burnable garbage.

<Plastic container for eggs, etc.>

* Place plastic containers and packaging directly into a designated garbage bag. If you place such items into a smaller plastic bag, such as a plastic grocery bag, and place the smaller bag into a designated garbage bag, it will disturb the sorting process.

Items made of different materials

<Container for cup noodles, etc.>

Containers and packaging are not always made of single component materials; they may be made of different materials, such as paper and plastic. Generally, material information for each component is provided on that component. In some cases, however, material information of all the components is displayed all together.



In case of a PET bottle

Material information displayed all together on the label

Items not categorized as plastic containers and packaging

- Products themselves
 Plastic toys, basins, CDs, toothbrushes, videotapes, etc.
- Items not categorized as containers or packaging
 Dry-cleaning bags, vinyl bands, etc.
- Items that do not become useless even after they are separated from the contained/packaged product, and items that constitute a part of a product CD cases, musical instrument cases, camera cases, etc.
- O Items with the PET bottle mark
 - * Bottle caps and labels are categorized as plastic containers and packaging.
- PET bottles are collected separately.
 Also use collection boxes installed by the city or at supermarkets.





* Medically infectious waste items (such as used intravenous drip tubes and needles) are absolutely unacceptable. Never mix these items with plastic containers and packaging.

Key point: clean the item before taking it out as garbage

Check for Pla-mark

Generally, items with the Pla-mark are categorized as plastic containers and packaging. Even if the mark is not indicated, however, any plastic item is categorized as such, as long as it is used for containing a product and becomes useless after the product is consumed.



2 Remove foreign matters

If foreign matters, such as metal and glass pieces, are mixed with the garbage, it will not only make the separation process difficult but also might cause recycling machines to break down or even lead to an accident.



3 Wash and dry the inside

If you take out plastic containers and packaging with leftovers or other items inside, it will prevent the containers and packaging from being recycled into good products. Take out plastic containers and packaging after washing and drying the inside.



4 Reduce the bulkiness

Make the plastic containers and packaging as flat as possible to reduce the bulkiness. Pile each Styrofoam tray, etc. onto the other and bundle them together.



Bags for snacks, sweets, etc.

Brush out the contents.



Cup noodle containers and food trays

Dry the container or tray after cleaning it with paper or washing with water.



If you are unsure ...

If you cannot clean the container or packaging sufficiently, it will disturb the recycling process. In this regard, if you are unsure, dispose of the item as burnable garbage.

Bottle caps

Remove caps from the bottles.



Egg containers

Flatten plastic containers and packaging to reduce the bulkiness.



Labels/stickers

If a paper label or a sticker is on a plastic container or a packaging item, remove it if you can do so easily. If not, take out the item as it is.

No extra small plastic bags

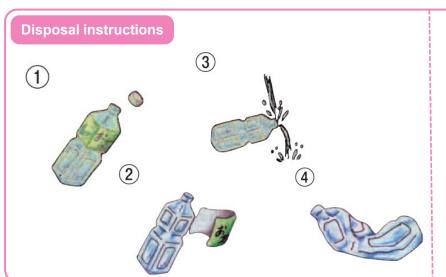
Place plastic containers and packaging directly into a designated garbage bag. If you place such items into a smaller plastic bag, such as a plastic grocery bag, and place the smaller bag into a designated garbage bag, it will disturb the sorting process for recycling.

♦ PET bottles

 An identification mark (PET bottle mark) is displayed on PET bottles. Please look for the PET bottle mark, illustrated on the right.







- ① Remove the bottle cap.
- ② Remove the label.
- 3 Empty the bottle and rinse it out.
- ④ Dry the bottle and then flatten it before taking it out.
 - * Take out the bottle cap and label as plastic containers and packaging.
- Do not mix plastic containers and packaging with PET bottles.

- * You do not need to remove the cap ring left on the PET bottle.
- * Also use collection boxes installed by the city or at supermarkets or markets.

★ Recyclable garbage

- O Cans for drinks and food
- O Bottles for drinks, food and cosmetics



Items Soft drink bottle Cosmetic bottle Seasoning bottle

Disposal instructions

- Take returnable beer and alcohol bottles back to the liquor store.
 (If washed, they are used repetitively.)
- © Empty the bottle/can completely and rinse it out.
- Remove the cap/lid. (Plastic caps/lids are categorized as plastic containers and packaging, while metal caps/lids are categorized as miscellaneous garbage.)
- Do not mix miscellaneous/landfill garbage with recyclable garbage.
- O Cans for snacks, sweets, baby formula, etc. and *ittokan* (18 liter can) are categorized as miscellaneous garbage, while glass tableware is categorized as landfill garbage.
- O Small-size electric household appliances and frying pans/kettles are categorized as miscellaneous garbage.

Miscellaneous garbage

- O Cans for snacks, sweets, baby formula, etc. and *ittokan* (18 liter can)
- O Items with metal components, such as small-size domestic electric appliances and frying pans/kettles
- Umbrellas, light bulbs, fluorescent lamps/tubes, mirrors, batteries, thermometers, etc.



Main items <Can for snacks, <Frying pan> <Umbrella> sweets. etc.> <Hairdryer> <Fluorescent lamp/ <Batterv> tube> <Can for baby formula>

Disposal instructions

- Use up cigarette lighters completely.
- For hazardous items, such as light bulbs, fluorescent tubes, thermometers, and knives, ensure safety, for example, by wrapping them up in paper.
- * Remove batteries from the appliance. (If the removed batteries are a rechargeable type, take them to a collection box installed by the city or a cooperating store for recycling.)
- * PCs are collected and recycled by their manufacturers. For details, please contact the relevant manufacturer. (PCs are collected and recycled, regardless of whether the PCs have a PC recycle mark or not.)
- O Do not mix recyclable garbage and landfill garbage with miscellaneous garbage.
- * If an item is too large to fit into a designated garbage bag, the item is considered oversized garbage.
- * Cans for drinks and food are categorized as recyclable garbage.

▲ Landfill garbage

- O Ceramics (rice bowls, plates, plant pots, etc.)
- O Glass waste (other than bottles for drinks, food, cosmetics, etc.)



Main items















<Plant pot>



<Disposable heat pack>

Disposal instructions

For broken items, ensure safety, for example, by wrapping them in paper.

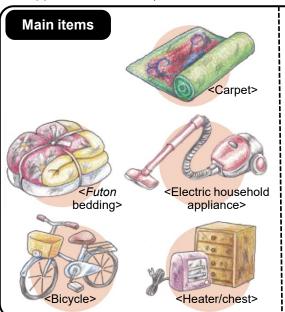


O Do not mix recyclable/miscellaneous garbage with landfill garbage.

- * Bottles for drinks, food, and cosmetics are categorized as recyclable garbage.
- Materials such as concrete, metal pieces, tiles, stones, and soil (including soil from planters, bonsai-planting containers, and private vegetable gardens) cannot be collected.
- * Plastic plant pots and tableware are categorized as burnable garbage.



 Electric household appliances too large for designated bags (excluding recyclable electric household appliances and PCs), furniture, etc.



Disposal instructions

- © Drain kerosene from the appliance, if any remaining. (If there is remaining kerosene, it can cause a fire.)
- Remove batteries from the appliance, if any remaining. (Take
 out the removed batteries as miscellaneous garbage.)
- © Fold/roll up *futon* bedding and other items and tie them with strings to make them as compact as possible.
- © Cut a long item, such as a wood piece, into several units in a way that each unit is 1 m long or less, and tie the units into a bundle (up to 30 cm in diameter).
- If shopping to replace an old one, ask the sales outlet, if possible, to collect the old item.
- Place oversized garbage in front of your home. (In case of an apartment house or other location that is not accessible by garbage truck, place oversized garbage in the area designated at the time of reservation.)
- Wrap glass components in newspaper or cardboard and secure with packaging tape so that the components will not be scattered around even if broken.
- * Up to eight items are collected per collection time (no more than once a month).
- * Items from business facilities, such as companies, shops, and factories, will not be collected.
- * Before the collection date, purchase oversized garbage handling fee tickets at a convenience store or a post office in Yao City. Please include your collection date and reception number on each of the necessary number of tickets, and then attach the tickets to your garbage while ensuring that the tickets can be noticed easily.
- * Items not mentioned at the time of application will not be collected.
- * PCs are collected and recycled by the manufacturers. Please contact the relevant manufacturer. (PCs are collected and recycled, regardless of whether the PCs have a PC recycle mark or not.)

Recyclable electric household appliances

See page 9 for how to apply.

Telephone reservation required / charged a fee

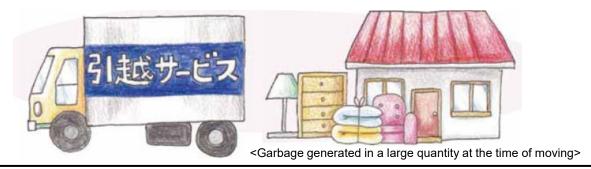
Types of recyclable electric household appliances Refrigerator (Freezer)> Air-conditioner> Washing machine/ laundry drier>

Disposal fees for recyclable electric household appliances

- © For disposal of recyclable electric household appliances, charges apply.
- You need to pay a recycling fee (purchase a recycling ticket at a post office) and a collection and transportation fee (2,500 yen per recyclable electric household appliance in the case of Yao City).
- * For information on recycling fees, please contact the Household Electric Appliance Recycling Ticket Center (0120-319-640).
- * If you know the sales outlet from which you purchased the relevant item, please have the sales outlet collect it.
- * For recyclable electric household appliances from business facilities, such as companies, shops, and factories, please have such items collected by the sales outlets from which you purchased them or have them stored at some designated locations.
- * Items not mentioned at the time of application will not be collected.

- O Extra garbage means garbage generated when you move to a new home or generated in a large quantity at a time (excluding recyclable electric household appliances).
- O For garbage that you can take out in designated garbage bags, take it out several times on regular collection days in advance, if possible.

Types of extra garbage



- * You need to pay a collection and transportation fee (Fixed fee: 20,000 yen per 2-ton collection truck).
- * Items from business facilities, such as companies, shops, and factories, will not be collected.
- * No items will be collected from within your home.
- * You need to be at the collection site on the day of collection.

Your cooperation is integral to safe and secure garbage collection.

■ Preventing fire accidents in garbage trucks and at disposal facilities ■

If a fire accident occurs in a garbage collection truck or at a disposal facility, it might threaten the lives of the collection workers or cause severe damage to the disposal facility To prevent fire accidents, be sure to obey the following rules:



- Take out portable gas cartridges/spray cans only after emptying them completely. (You don't have to punch a hole.)
- Use up cigarette lighters completely and take them out as miscellaneous garbage.
- Drain kerosene or any other fuel from the appliance, if any remaining.
- Be sure to remove batteries. (Take the removed dry batteries out as miscellaneous garbage. If the removed batteries are a rechargeable type, take them to a collection box installed by the city or a cooperating store for recycling.)
- Do not take out items designated as non-collectable due to their inflammability.
- Be sure to separate extra garbage from portable gas cartridges/spray cans, cigarette lighters, and other
 ignitable items, and inform the garbage collection worker of such an item.
- * If it is discovered that a fire has occurred due to your improper garbage disposal, you might be held responsible for the damage.

■ Scavenging is an illegal act. ■

The ownership of the items that are taken out in designated bags from households, such as aluminum cans, steel cans, and other types of cans, bottles, and miscellaneous garbage, which can be recycled into metal and other resources belongs to the city.

It is illegal for a third party to scavenge for such items without permission. Never try to do this.

How to apply for garbage collection requiring telephone reservation

Please call the Yao City Oversized Garbage Reception Center.

* Measure the total length of the three sides (L x W x H) of the oversized garbage in advance. (See page 10 for measurement instructions.)

Special tel. No. for application: 0800 - 222 - 9966 (toll free)



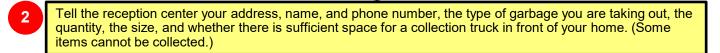
Mobile phone, PHS, some types of IP phone: 072-923-9966 (call charge required) Hours: Monday – Friday (including holidays), 9:00 a.m. – 5:00 p.m.

* We receive many calls on Monday mornings. If you could call in the afternoon or on another day, it would be much appreciated.

If you cannot apply by phone, you can do so by fax (072-923-9966).

An application form is available in the Disabled Welfare Section of Yao City, at the Social Welfare Council of Yao City, and at Independent Living Center Yao.

Such a form is also downloadable at Yao City's website: (http://www.city.yao.osaka.jp/)



3 Oversized garbage

The center will inform you of the collection date, collection site, reception number, and required number of oversized garbage handling fee tickets, as well as other necessary information.

Recyclable electric household appliances

The center will inform you of the collection date, reception number, recycling fee, and handling fee to be paid to the city, as well as other points to note.

Extra garbage

The center will inform you of the collection date, collection time, reception number, and handling fee to be paid to the city, as well as other points to note.

Oversized garbage

① Purchase oversized garbage handling fee tickets

Purchase oversized garbage handling fee tickets at a convenience store or a post office in Yao City. (See page 10.)

② Attach the oversized garbage handling fee tickets

Include your collection date and reception number on each of the necessary number of oversized garbage handling fee tickets, and then attach the tickets to your garbage while ensuring that the tickets can be noticed easily.

* Be sure to keep the receipts of the oversized garbage handling fee tickets until the garbage collection is completed.

Take out the garbage Take out the oversized garbage to the site set during the application call by 8:00 a.m. on the collection date.

Recyclable electric household appliances

① Pay the recycling fee

Pay the recycling fee at a post office by the day before the collection date, and receive an electric household appliance recycling ticket.

② Take out the garbage

Take out the garbage to the site set during the application call by 8:30 a.m. on the collection date.

3 Be at the collection site

You need to be at the collection site during the collection. Hand over the electric household appliance recycling ticket and the handling fee after the collection.



Extra garbage

1 Take out the garbage

Take out the garbage to the site set during the application call by the reservation time on the day of the collection.

2 Be at the collection site

You need to be at the collection site during the collection. Hand over the handling fee after the collection.



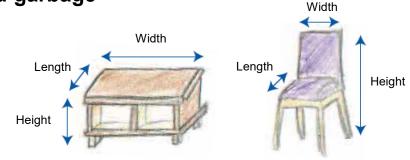
* Once your application is accepted, you need to notify the Yao City Oversized Garbage Reception Center by at least four days (excluding Saturday and Sunday) before the scheduled collection day if there is anything that you can change and by the day (excluding Saturday and Sunday) before the scheduled collection day if you would like to cancel the application.

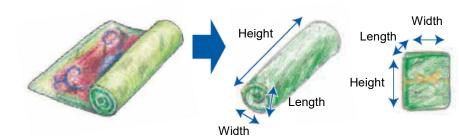
O How to measure oversized garbage

In principle, you need to measure the total length of the three sides (L x W x H) of the oversized garbage as it is in use.

If possible, fold up or roll up the oversized garbage, and then measure the total length of its three sides (L x W x H).

* Do not disassemble oversized garbage, which might cause injury.





Examples of items which can be folded up or rolled up:
 Tent, stroller, camping gear, tripod, stepladder, rubber boat, rug, carpet, etc.

* If you are not sure how to measure oversized garbage, contact the Yao City Oversized Garbage Reception Center.

Oversized garbage handling fee tickets

Available as an oversized garbage handling fee ticket is only one type, a 400 yen ticket. Purchase the necessary number of oversized garbage handling fee tickets as designated by the Oversized Garbage Reception Center at the time of application.



Be sure to include the collection date (収集日) and the reception number (受付番号).

- * If the total length of the three sides exceeds 3 m, two 400-yen tickets are necessary.
- * Direct cash payment at the time of collection is not accepted.
- * Attach your oversized garbage handling fee tickets to the garbage while ensuring that the reception number can be noticed easily at the time of collection.
- * Note that once such a ticket is stuck to an item, it cannot be peeled off from the item and re-stuck to another.
- * Be sure to keep the receipts of the oversized garbage handling fee tickets until the garbage collection is completed. Also enter the collection date on the receipts.

Oversized garbage handling fee tickets are available at the following places: (Look for the dealership sign for oversized garbage handling fee tickets.)

- Post offices in Yao City
- Convenience stores in Yao City Seven-Eleven, Daily Yamazaki, FamilyMart, Ministop, Lawson in the city (as of April 1, 2021)



Handling standards for oversized garbage (items with special collection standards)

The table below presents items with special collection standards. However, if you bring an item to a disposal facility by yourself, the item may not be subject to the standards, even if it is placed on the list. For details, please contact the Environmental Facilities Section (072-991-7362).

(Effective for collection on and after September 1, 2016)

	(Effective for collection on and after September 1, 2016)
Item	Handling standard
В	
Bamboo sword (*3)	1 item = up to 10 swords
Bat (*③)	1 item = up to 10 bats
Bicycle / electric bicycle (with its battery removed)	1 item = 1 bicycle regardless of its size
Blanket / electric heating blanket (*②)	1 item = up to 5 blankets
Board (wood/plastic) (max. size: 100 cm × 100 cm; max. thickness: 20 mm)	1 item = up to 3 boards
C	
Cleaning tool (mop, broom, etc.)	1 item = up to 10 tools
Clothing box (made of plastic)	1 item = up to 3 boxes
Clothing drying pole	1 item = up to 2 poles regardless of their length
Corrugated sheet (max. size: 100 cm x 100 cm; max. thickness: 2 mm) (*4)	1 item = up to 3 sheets
Cushion (*①)	1 item = up to 5 cushions
F	
Fancy case (clothes dresser with pipe frames)	1 item = 1 case regardless of its size
Fishing rod (*③)	1 item = up to 10 rods (even they are together with a case)
Futon bedding (*②)	1 item = up to 5 pieces
G	
Galvanized iron sheet (max. size: 100 cm x 100 cm; max. thickness: 2 mm) (*④)	1 item = up to 3 sheets
Gardening pole	1 item = up to 20 poles
Golf club	1 item = up to 20 clubs (even if they are together with a golf bag)
M	
Mattress (without spring)	1 item = up to 2 mattresses
P	
Pillow (*①)	1 item = up to 5 pillows
Plant pot (made of plastic)	1 item = up to 5 pots
Planter (made of plastic)	1 item = up to 5 planters
R	
Racket (*3)	1 item = up to 10 rackets
\$	
Ski pole (*3)	1 item = up to 10 poles
T	
Tension rod	1 item = up to 5 rods
Tension shelf	1 item = up to 2 sets
W	
Wood (max. size: 10 cm in diameter x 100 cm in length)	1 item = up to 5 pieces
Z	
	14.0

Note 1 You cannot combine items in different categories.

Zabuton cushion (*②)

However, you can do so if the items belong to the categories presented with the "*" mark with the same figure. Note that if you combine items in the categories with "*②," 1 item consists of up to five pieces. Only in this case, is a *zabuton* cushion counted as 0.5 pieces.

1 item = up to 10 cushions

E.g.: ① 3 cushions and 2 pillows constitute 1 item.

② 2 futon bedding pieces, 2 blankets, and 2 zabuton cushions constitute 1 item.

Note 2 If possible, bundle up your oversized garbage before taking it out.

Main non-collectable/non-disposable items

Do not take out industrial waste, hazardous articles, or items that are difficult to be disposed of. These items may cause a fire accident in the collection truck, injury to the workers, or a breakdown of the disposal facility.

★ Main non-collectable/non-disposable items

O Industrial waste	(Consult an industrial waste disposal company.)		
O Building waste and similar materials			
<e.g.> Wood, sink, gypsum board, concrete piece, fittings, aluminum window frame, washbasin, fence, front door, gate, urinal, etc.</e.g.>	(Consult a professional disposal company.)		
O Waste oil / paint	(Consult a professional disposal company.)		
O Motorcycle / mini bike	(Consult the sales outlet.)		
○ Spring mattress	(Consult the manufacturer / sales outlet.)		
○ Fire extinguisher	(Consult the manufacturer / sales outlet.)		
○ Battery	(Consult the sales outlet.)		
○ Tire	(Consult the sales outlet.)		
○ Safe box (excluding portable types)	(Consult the manufacturer / sales outlet.)		
○ Gas cylinder	(Consult the manufacturer / sales outlet.)		
○ Piano	(Consult the manufacturer / sales outlet.)		
Oil heater	(Consult the manufacturer / sales outlet.)		
O Buddhist/Shinto altar	(Consult the sales outlet / temple of your sect.)		
○ Windsurfing board	(Consult the sales outlet.)		
O Dumbbell, barbell, bar, plate and other items made of iron	(Consult an old-metal goods dealer.)		
O Brick, millstone, block, concrete product, etc.	(Consult a professional disposal company.)		
O Agricultural vinyl sheet	(Consult the sales outlet / a professional disposal company.)		

★ If the sales outlet is unknown

(As of April 1, 2021)

Item	Industrial organization, etc.	Contact information
Motorcycle Mini bike	Motorcycle Recycling Call Center	050-3000-0727
Fire extinguisher	Osaka Fire Equipment Cooperative ⇒ Information on sales outlets will be provided.	06-6325-0660
Fire extinguisher	Osaka Prefecture Fire and Disaster Prevention Association ⇒ Information on manufacturers will be provided.	06-6943-7654
Battery	Battery Association of Japan	03-3434-0261
Tire	Japan Automobile Tyre Manufacturers Association, Kinki Branch	06-6351-6747
LP gas cylinder	Osaka Prefectural LP Gas Association	06-6264-7888
High-pressure gas cylinder	Kinki High Pressure Gas Container Management Committee	06-6251-5179
Industrial waste	Industrial Waste Supervision Team, Recycling-oriented Society Promotion Section, Environment Department, Yao City	072-924-3772

Voluntary collection schemes by manufacturers and industries

(As of April 1, 2021)

Item	Industrial organization, etc.	Contact information
PC	PC 3R Promotion Association	03-5282-7685
Compact secondary battery (Rechargeable battery)	JBRC	03-6403-5673
FRP ship	Japan Marine Industry Association	03-5542-1201

Recycling support systems

1. Collective collection of valuable resources

Valuable resources, such as cardboard and newspapers, are not collected by Yao City. You are encouraged to contribute to recycling valuable resources by using a collective collection service provided by citizen groups, such as neighborhood associations and children's associations.

In addition, the city provides an incentive to organizations engaged in collective collection of valuable resources according to the weight of the collected items, thereby striving to reduce waste, promote recycling, and ensure a good living environment.

Incentive: 5 yen per kilo

2. Composting of food waste

Approximately 40% of burnable garbage from households is food waste, including leftover and cooking waste. Food waste composting containers turn food waste into high-quality compost that can be used as fertilizer for home vegetable gardening and for home gardening.

For food waste composting containers, rental and purchase subsidies are available from Yao City.

(1) Rental: composting bucket

Application for rental of a composting bucket is accepted twice a year (from July to August and from January to February).

For details, please check the Yao City Newsletter (Aug. issue and Feb. issue).

(2) Purchase subsidy: food waste disposal machine and composter

Half of the purchase expense is covered by the subsidy. However, the upper limit of the subsidy is 20,000 yen for a food waste disposal machine and 3,000 yen for a composter. Contact the Recycling oriented Society Promotion Section before your purchase.

For more details of collective collection of valuable resources and composting of food waste, contact the Recycling-oriented Society Promotion Section (072-924-3866).



Locations of recycling collection boxes

1. PET bottles

Main building of Yao City Hall; branch offices in Yamamoto, Ryuge, Takayasu, Minami-Takayasu, Akegawa, Shiki, Taisho, Takefuchi, Kyuhoji, and Nishigori; Public Cleaning Bureau; Waterworks Bureau; Recycling Center (Learning Plaza "MEGURU"); Public Health Center; and Education Center

* For the locations of collection boxes at retail stores in Yao City, the information is available at the main office of Yao City Hall and each branch office (community center), as well as on the city's website.



<Locations of recycling
 collection boxes>

2. Rechargeable batteries

(1) Public facilities

Main building of Yao City Hall; branch offices in Yamamoto, Ryuge, Takayasu, Minami-Takayasu, Akegawa, Shiki, Taisho, Takefuchi, Kyuhoji, and Nishigori; Public Cleaning Bureau; Waterworks Bureau; Recycling Center (Learning Plaza "MEGURU"); Public Health Center; and Education Center

(2) Cooperating stores for recycling rechargeable batteries

For rechargeable batteries, drop them into a Rechargeable Battery Recycling Box, installed at cooperating stores for recycling such items (e.g. mass-sales electric household appliance stores).



<Cooperating stores for recycling rechargeable batteries>

* For non-rechargeable batteries, take them out as miscellaneous garbage.

Fureai collection

What is Fureai collection?

For senior citizens, the disabled, pregnant women and new mothers, and the injured, if they live alone and have difficulty taking garbage from their home to a designated collection site but cannot obtain support from nearby residents, collection workers pick up garbage individually from the door of their home. If requested, such workers will also check the safety of such citizens.

Eligible

- (1) Residents certified as needing nursing care level 1 or higher
- (2) Residents certified as those with physical disability level 1 or 2
- (3) Residents certified as needing medical rehabilitation A
- (4) Residents certified as those with mental disability level 1
- (5) Pregnant women and new mothers
- (6) Residents who do not come under the five categories above but have difficulty taking out garbage because they are too old, injured, sick, etc. to walk or climb up and down stairs smoothly and who have been qualified as a special case by the mayor.
- * Even if you live with someone, you might be eligible if that family member meets any of the conditions above.

Inquiries / how to apply

Please apply by phone to the Environmental Affairs Section (072-991-6254) or by fax (072-999-4625).

After applying for the service, you will be visited at home by an official from the city, who will conduct an interview to check whether the service is available to you.

* At the time of the interview, you need to be accompanied by someone who knows about your living condition, such as your care manager.



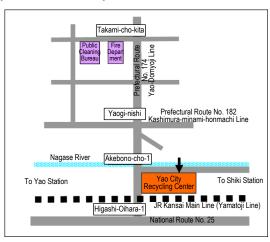
Also check the city's website.

If you bring garbage to a disposal facility by yourself

Types of garbage	Burnable garbage	Recyclable, miscellaneous, and oversized garbage	Landfill garbage
Facility	Yao City Final Disposal Site for Non- Industrial Waste	Yao City Recycling Center	Yao City Final Disposal Site for Non- Industrial Waste
Address	9-36 Kamio-cho, Yao City	2-11 Akebono-cho, Yao City	9-36 Kamio-cho, Yao City
Tel.	072-993-1767	072-992-2060	072-993-1767
Reception hours	9:30 – 11:30 13:00 – 15:30 (Closed on Saturdays and Sundays, but open on national holidays)	9:00 – 11:45 12:45 – 16:00 (Closed on Saturdays and Sundays, but open on national holidays) * However, no garbage can be accepted on Wednesdays.	9:30 – 11:30 13:00 – 15:30 (Closed on Saturdays and Sundays, but open on national holidays)
Handling fee	100 yen per 10 kg	200 yen per 10 kg	100 yen per 10 kg

- * If you bring garbage to a disposal facility, you need to pay for the handling fee. For details, please contact the Environmental Facilities Section (072-991-7362). Note that even if you have brought to a disposal facility garbage that is categorized as collectable, the facility might reject that garbage from the perspective of safety management and appropriate disposal.
- * You can bring garbage only with your privately owned car. (You cannot do so with a vehicle with a corporate name on it.) You cannot bring garbage by any means other than your privately owned car (i.e. you cannot do so on foot, by bicycle, by bike, etc.).
- * Be sure to bring the garbage yourself; you cannot ask anyone to do so for you.

Ago City Final Disposal Site for Non-Industrial Waste Kamio-cho-a Marie Budge Mishin-Fukueii Budge Mishin-Fukueii Budge Marie Budge Mishin-Fukueii Budge Marie Budge Budge Mishin-Fukueii Budge Mishin



◆ Yao City Recycling Center ▶

Yao Recycling Center Learning Plaza "MEGURU"



Opened in 2009 toward establishing a recycling-oriented society, this facility not only allows you to observe the garbage disposal process but also helps you learn about the so-called 3Rs of waste and other important elements of the environment. In addition, the facility organizes a wide variety of workshops, such as making a bag using denim, making an eco-friendly soap, and making an eco-friendly shopping bag from unwanted clothing.

Inquires regarding Learning Plaza "MEGURU" at Yao City Recycling Center

TEL: 072-994-0564

URL: http://yao-meguru.jp/ for the homepage. (The website is also accessible by the QR code on the right.)



Life support app "Yaoppu"

The life support app "Yaoppu" is a smartphone app providing useful information on your daily life in Yao City. The app features a wide variety of convenient functions, such as a garbage collection day calendar, a garbage separation dictionary, and a garbage collection reminder.

The menus available on the app are not only about garbage but also about disaster prevention, parenting, sightseeing, etc.

1 +

How to download

Scan the QR code suitable for your smartphone type, or do a search with "Yao City (八尾市)" on the App Store (iPhone) or Google Play (Android).





<iPhone>

<Android>

Initial setting













Go through the steps below in the order presented and complete your initial setting. Even after your entry, you can change it through Common Setting (共通設定). of Menu (メニュー).

- Attribute Setting (属性設定): Select your age, sex, elementary school district, etc.
- ・Category Setting (カテゴリ設定): Check the genres that you want to be displayed.
- Area Setting (エリア設定): Select the area where you live.
- Menu Display Setting (メニュー表示設定): Select whichever you like from the two display types of Normal Menu (通常メニュー) and Simple Menu (シンプルメニュー).

3 Functions



If you select Garbage/Environment (ごみ・環境) from Menu (メニュー), seven items will be displayed.

- Garbage Calendar (ごみカレンダー): The collection day calendar for the area of your choice will be displayed.
- How to Dispose of Garbage (ごみの出し方): Information on how to separate and dispose of garbage in Yao City will be displayed.
- Separation Dictionary (分別辞典): Information on how to separate garbage according to types will be displayed.
- FAQs (よくある質問): FAQs and their answers will be displayed.
- Contact Information (お問い合わせ先): Contact information of environment-related sections will be displayed.
- Alert Item Setting (アラート項目設定): You can select whether to set a garbage collection reminder or not.
- Alert Time Setting (アラート時刻設定): You can set alert times to remind you of garbage collection.

For details of each function, please see the next page.

Seven useful garbagerelated functions



○ Garbage Calendar (ごみカレンダー)

The collection day calendar for the area of your choice will be displayed.

If there is a change in a collection day due to the year-end and New Year holidays, the change will be reflected in this calendar.



○ How to Dispose of Garbage (ごみの出し方)

If you select a garbage type, you will see what the main items of the type are and an explanation of how to dispose of such garbage.







○ Separation Dictionary (分別辞典)

This dictionary tells you about how to separate garbage according to the item.

If you select an item, you will see which type the item belongs to and points to note when you dispose of it.

The dictionary covers approximately 1,300 items, but if there is any item that is not covered in the dictionary and you are not sure how to dispose of it, please contact the Recycling-oriented Society Promotion Section (072-924-3866).



○ FAQs (よくある質問)

You will find the answers to FAQs, such as those regarding designated garbage bags and oversized garbage, here.



○ Contact Information (お問い合わせ先)

If you have any question, please contact the relevant section in charge. If you select a phone number displayed on this screen, you can make a direct call to the section in charge.



○ Alert Item Setting (アラート項目設定)

You can select whether to set a garbage collection reminder or not according to garbage type.

This will help prevent you from forgetting to take out the garbage.



○ Alert Time Setting (アラート時刻設定)

If you select to set a garbage collection reminder in the Alert Item Setting, you can set an alert for a time on the day before the collection and for a time on the day of the collection.

Since you will be reminded even on the day before the collection, you can take out garbage without worry on the day of the collection.

Qs & As about garbage

O Designated garbage bags

Q: How are designated garbage bags for home use distributed?

They are delivered to the homes of neighborhood associations' leaders and others twice a year (between August and September and between February and March) and then distributed to each household.

If you live in an apartment or another type of collective housing, designated garbage bags might be distributed to you from your property owner or custodian.

If you do not belong to a neighborhood association, a voucher will be sent to you around the same time. With that voucher, you can receive designated garbage bags at the garbage bag distribution counter on the first floor of the main building of the City Hall.

Q: What if the designated bags have run out?

If you have run out of your designated garbage bags, for example, due to an increase in the number of your family members or use of disposable diapers, you can receive additional bags at the garbage bag distribution counter on the first floor of the main building of the City Hall during the city hall's opening hours on weekdays. However, you can receive only a limited number of bags at a time from the viewpoint of waste reduction and garbage collection on a planned basis.

Oversized garbage

Q: Garbage that is too large to fit into a designated bag is regarded as oversized garbage, but to which extent does the garbage need to fit into a bag?

If you tie the designated garbage bag and the garbage inside sticks out of the bag, it is regarded as oversized garbage.

Q: Is it allowed to disassemble oversized garbage to take it out of my home?

In principle, do not disassemble oversized garbage, which might cause injury.

However, you can disassemble oversized garbage in order to make it easier to get it through the door and carry it. Note that you need to measure oversized garbage before disassembling it.

Q: What should I do with the remaining oversized garbage handling fee tickets?

You can use the remaining oversized garbage handling fee tickets the next time you need to dispose of oversized garbage. Please keep them in a secure place. If you wish to receive a cash refund for the remaining tickets, you can do so by completing the designated procedure in the Environmental Affairs Section (072-991-6254), unless the tickets are used.

O Extra garbage

Q: What should I do if a large amount of garbage is generated due to moving or another reason?

Since such garbage is categorized as extra garbage, you need to apply for collection of extra garbage at the Yao City Oversized Garbage Reception Center.

The handling fee is 20,000 yen per 2-ton collection truck.

Qs & As about garbage

O Recycling

Q: Why do I have to clean plastic containers, packaging and PET bottles before taking them out?

This is because if you take out such garbage with some foreign matters on them, it may disturb the recycling process.

If foreign matters are on plastic containers, packaging or PET bottles, they will be sorted manually at the Yao City Recycling Center, requiring many staff members to be engaged in the sorting. To ensure that such garbage is recycled effectively, you are asked to take out the garbage after cleaning it to remove foreign matters.

Q: What is the recycling process of plastic containers and packaging that I have separated from other types of garbage for collection?

Such containers and packaging are first sorted at the Yao City Recycling Center and then handed over to recycling companies, where they are recycled by mostly either of the following methods:

① If recycled into materials

The containers and packaging are recycled into plastic products. Such products include buckets, traffic cones, planters (plant pots), pallets for carrying industrial products, and car stoppers in parking lots.

② If recycled into chemicals

Plastic consists of carbon and hydrogen. Taking advantage of this property, the containers and packaging are recycled into their original form of petroleum and other basic chemical fuels by applying heat and pressure. Such fuels are used as raw materials in the chemical industry, blast furnace reducing agents, substitutes for coking coal used in coke ovens, and chemical raw materials such as ammonia and methanol.

Q: How should I dispose of newspapers and cardboard?

For recyclable, used paper, such as newspapers and cardboard, you are asked to use a collective collection service provided by residents' associations, children's associations, and other organizations, rather than the city's regular collection service.

Even if no group around you provides such a collective collection service, you are encouraged to contribute to recycling used paper as much as possible, for example, by using a service by a private used-paper collection company.

For how to dispose of used paper and a list of used-paper collection companies, see Yao City's website.

The website is also accessible by the QR code on the right.



Use a collective collection service for recyclable paper other than newspapers and cardboard.

Recyclable paper other than newspapers and cardboard includes flyers and paper bags. If such paper is recycled, it will help to reduce the impact on the environment and also the incineration cost.

Please refer to the list of recyclable paper other than newspapers and cardboard on page 20 and use a collective collection service for recycling, rather than taking such paper out as burnable garbage.

When using such a service, ensure that the paper is not scattered, for example, by sandwiching it in a magazine, placing it in a bag, or tying it with a string.



List of recyclable paper other than newspapers and cardboard

	Recyclable paper other than newspapers and cardboard	Burnable	Notes
Autograph paper	A		
	E		
Backing paper for clothing Bag of disposable			
chopsticks	0		
Box for snacks, sweets, etc.	0		
Brochure	0		
Business card	0		
Calendar	O		Its metal parts need to be removed.
Carbon paper		0	Since it has been specially
Catalog	0		processed
Cling wrap box	0		Its metal parts need to be removed.
Cling wrap tube	0		
Copy paper Cosmetic box	0		
Crimping postcard		0	Since it has been specially
Cup noodle container			processed Since it has been specially
(paper)		0	processed
Cushioning material (paper)	0		
y 1 /	D		
Detergent box		0	Since its smell is strong
Empty tissue box	0		Its plastic part needs to be removed.
Envelope	0		Its sticky part or cellophane needs to be removed.
Fax paper	i i	0	Since it has been specially
File (paper)			processed
Flyer	Ö		
Food box	0		
Food container (paper)		0	Since it has been specially processed
Free paper			
	G		Since it has been specially
Glossy paper		0	processed
Gold paper / silver paper		0	Since it has been specially processed
Handouts	H		
Hospital medicine bag	Ő		
Inkjet paper			
, 31 papor	K		
Kitchen paper		0	Burnable even if it is unused
Kraft paper	0		-
Letter paper			
Papoi	M		l lie impirio post o selecti
Matchbox	0		Its ignition part needs to be removed.
Medicine box	0		
Note paper	N		
Notebook	Ŏ		

	Recyclable paper other than newspapers and cardboard	Burnable	Notes
Oil manan	0		Since it has been
Oil paper		0	specially processed
<i>Origami</i> paper	() P		
Packing material (paper)			
Packing tape		0	
Paper bag	0		Burnable if it is coated. Its metal parts need to be removed.
Paper cup		0	Since it has been specially processed
Paper diaper		0	Since it has been specially processed
Paper napkin		0	Since it has been specially processed
Paper plate		0	Since it has been specially processed
Paper tape	0		
Paper towel		0	Burnable even if it is unused
Photo		0	Since it has been specially processed
Playing cards (paper)	0		
Postcard	0		Burnable if it has been processed for photography
Poster	0		
Price tag (paper)	R		
Receipt		0	Since it has been specially processed
Rice bag (paper)	0		71
Sake paper pack	S	0	Since it has been specially processed
Shoe box Sketchbook	0		Its metal parts need to be removed.
Soap wrapping paper and box		0	Since their smell is strong
Sticker and its backing paper		0	Since it has been specially processed
Textbook	T		
Thick paper	0		
Tissue paper		0	Burnable even if it is unused
Toilet paper		0	Burnable even if it is unused
Toilet paper tube	O W		
Wet wipe	V	0	Burnable even if it is unused
Wrapping paper	0		



When using a collective collection service, please obey the regulations set by the service provider.

Business garbage

- O For burnable garbage, a collection and transportation license system was introduced in FY 2006. If you wish to dispose of burnable garbage from business sites, entrust the disposal to a licensed contractor.
- O For industrial waste, consult an industrial waste disposal company.

Burnable garbage

- Select from the list of companies licensed by the mayor of Yao City for collecting and transporting non-industrial waste from business sites.
 - * The list is available at the main office and branches of Yao City and also on the city's website.
- For the commission fee, collection amount, collection method, collection date, collection time, etc., discuss them with a licensed contractor before concluding a contract.

Recyclable, landfill and miscellaneous garbage

- For disposal of a small quantity of bottles and cans for drinks consumed by your employees, umbrellas, rice bowls and other items similar to those taken out of households as garbage, consult the Non-Industrial Waste Supervision Team, Recycling-oriented Society Promotion Section (072-924-3866).
- After being inspected for collection quantity, frequency, etc., you can purchase designated garbage bags for business use (recyclable, landfill and miscellaneous garbage), with which you can take out garbage.
- * Business garbage includes not only garbage from restaurants, companies and other organizations operated for profit-making purposes but also garbage from hospitals, schools, and other organizations engaged in public services.
- * Even if you live and work in the same place, you need to dispose of garbage from your store, business facility, etc. as business garbage.

To prevent crows from scavenging for garbage

The most critical point is to reduce the amount of food garbage, which is an easy target for crows. To do so, you need, for example, to always try not to cook more food than necessary, avoid leftovers, and compost food waste (see page 13).

In addition, if you squeeze food waste tightly, you can reduce its weight by 10%.

If you wrap food garbage in unnecessary paper and place it in the center of a garbage bag, you can hide the food garbage, making it less likely to become a target of crows.



If you ensure that nothing red or orange in a garbage bag is noticed from outside, it is less likely that the bag will become a target of crows. (Items of such colors tend to be mistaken as meat or fruit, often leading the garbage bags containing them to become targets of crows.)



O If you use a crow prevention net or a plastic bucket...

If you newly use a crow prevention net or a plastic bucket to ensure that all the garbage is collected, contact the Environmental Affairs Section (072-991-6254) beforehand. Also, ensure safety so that such a net or bucket will not block the way for pedestrians and bicycles. Be sure to remove it after the garbage is collected.

Tips on a net

- Use a net with as fine mesh as possible (max.: 5 mm x 5 mm) to ensure that there are no openings sufficient for a crow.
- Ensure that the sides of the net are under the garbage, rather than placing the net simply over the garbage.



Also check the city's website.

Zero Waste! Establish a Recycling-oriented Society"



—Yao City promotes 3R efforts toward establishing a recycling-oriented society.—





Reduce waste and reduce items that will turn into waste.



E.g. Take an eco-friendly shopping bag when going shopping. Use your own chopsticks, rather than disposable wooden chopsticks, when eating. Select long-life-cycle products, rather than disposable products, when shopping.

Try not to generate waste.





Use items once again.

E.g. Give your brother/sister your clothing if it no longer fits you. Give someone items that you will no longer use but are still usable. Consider if there is any way for re-use before throwing away an item.

Take good care of your things.



Turn waste into resources and use the resources to produce products.

E.g. Separate waste appropriately to make the recycling process smoother. Use a collective collection service for newspapers and magazines by a neighborhood association and a children's association.

Separate waste appropriately.

These three types of efforts starting with "R" constitute the acronym "3Rs."

Waste separated at your home is aggregated at the Yao City Recycling Center and then recycled into new products at different factories in the next process.

Recycled into new products



Plastic containers and packaging

Buckets, CDs, stationery, traffic cones, etc.

(Glass bottles)

PET bottles → PET bottles, carpets, fleece clothes, etc. Glass bottles, marble, paving materials, etc.

(Steel cans)

Recyclable garbage (Aluminum cans) → Aluminum cans, car components, etc. Steel cans, building materials (steel materials), etc.





In Yao City, if each resident reduces waste by 100 g per day, it will lead to a total reduction of approximately 10,000 tons per year. If mixed, it is waste, but if separated, it is a resource.

The resources available on the earth are finite. For this earth where you live and for the children in the future, think about the following:

- Do you really need to buy the product that you have in your hand?
- Is the item really no longer usable?
- Is the item really non-recyclable?

Always remember the 3Rs and get everyone involved.



HAPPY EARTH DAY OSAKA



Earth Day: celebrated as an opportunity to consider the earth and take action

As an environmental movement, Earth Day is celebrated around the world. In Japan as well, events to celebrate Earth Day are held in different parts of the country. One of them is Happy Earth Day Osaka, which is the first Earth-Day event in Japan organized mainly by students. These students implement various activities with a focus on the importance of people feeling happy in their daily lives.

Make, watch, eat, and learn

Happy Earth Day Osaka draws approximately 100 booths, including shops and experience booths. You can enjoy shopping at stores handling ecofriendly items and body-friendly products and learn about the earth while playing and having fun. The event has many features that will arouse smiles from visitors.

Why not think together about what you can do and take the first step





For more details, check the city's website.





Related information is also available on social media!



Text written by the Happy Earth Day Osaka Executive Committee









Contact information for inquiries on garbage

Application for collection of oversized garbage,	0800-222-9966 (toll free)		
recyclable electric household appliances, and extra garbage	Special line	For application from a mobile phone, a PHS, and some types of IP phones	
		072-923-9966 (call charge required)	
Garbage collection Animal carcass collection	Environmental Affairs Section 072-991-6254		072-991-6254
Garbage brought to a disposal facility and facility tour	Environmental Facilities Section 072-991-7362		
Recycling and collective collection Distribution of designated garbage bags Garbage collection handling fees	Recycling-oriented Society Promotion Section 072-924-3866		
Community clean-up	Environmental Preservation Section 072-924-9359		
Industrial waste	Industrial Waste Supervision Team, Recycling-oriented Society Promotion Section 072-924-3772		

Remember that you can take out only one garbage bag at one collection time. Tie the garbage bag securely. Let's reduce waste!

Handbook on How to Separate and Dispose of Garbage

(Publication No. R2-208) Issued in April 2021

Edited and issued: Recycling-oriented Society Promotion

Section, Environment Department, Yao City 5-2-2 Takami-cho, Yao City TEL: (072) 924-3866 (direct No.) FAX: (072) 923-7135