Koriyama City Safe Community Promotion Council Elderly Safety Task Force Activity Report







Composition of Elderly Safety Task Force

Community organizations, etc., 8 members

Federation of Neighborhood Associations
Council of Social Welfare and Child Welfare
Officers
Federation of Senior Citizen Clubs
Sports Promotion Committee
Liaison Council for Prevention of Elder Abuse
Liaison Council for Prevention of Disabled
Person Abuse
Association of People with Dementia and their
Families
Health Committee

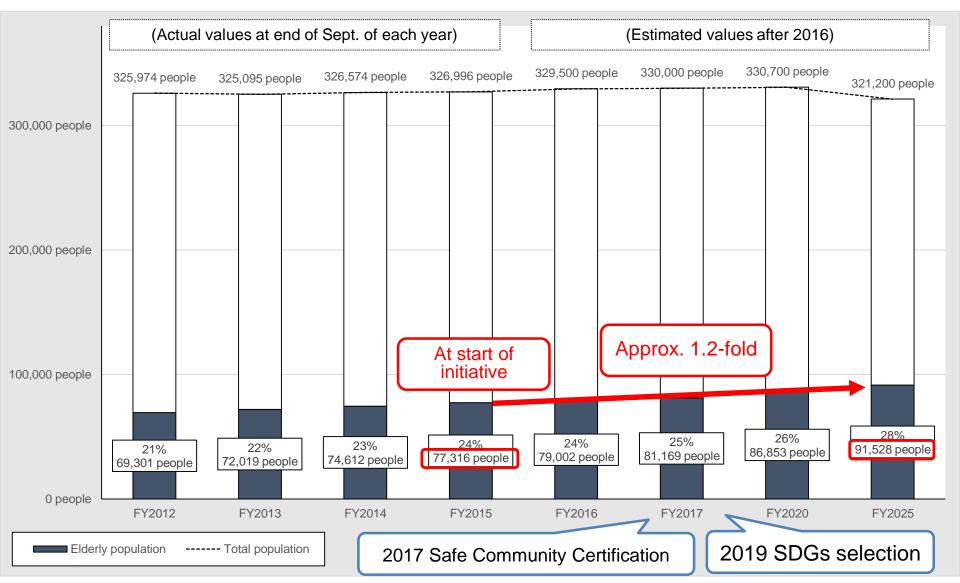
Related Groups, 6 members

Health Promotion Foundation
Social Welfare Service Agencies
Social Welfare Council
Koriyama Dentist Association
Liaison Council of Community
Comprehensive Support Centers
Liaison Council of In-Home Caregiving
Businesses

Government, 2 members

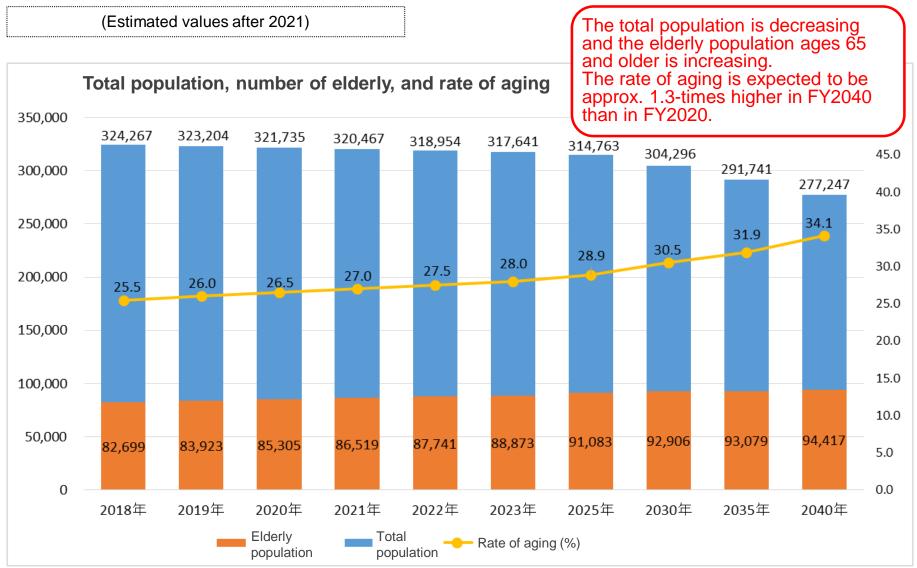
Health and Long-life Section
Health Department, Community
Health Section

Transition of elderly population within total population of Koriyama City



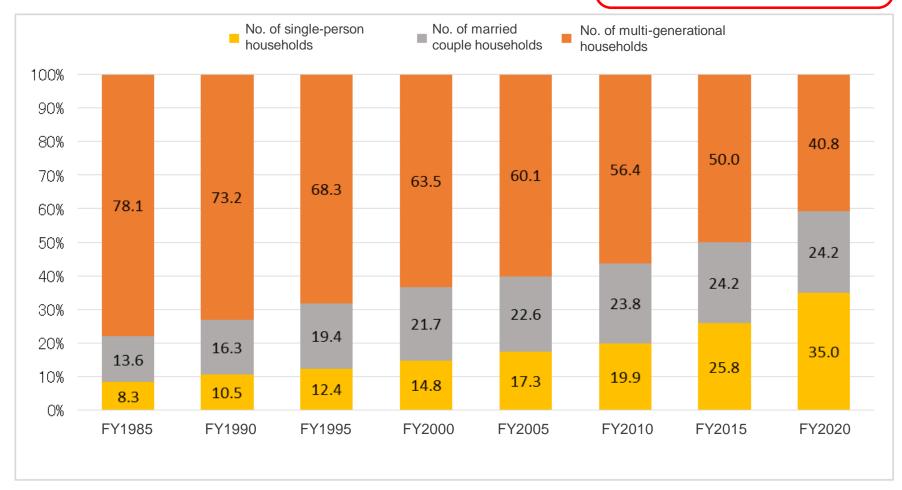
Source: "6th Stage Koriyama City Elderly Welfare Plan and Long-Term Care Insurance Business Project"

Transition of elderly population within total population of Koriyama City (latest Demographic statistics)



Source: "8th Stage Koriyama City Elderly Welfare Plan and Long-Term Care Insurance Business Project"

<Additional reference> Percentage of households with only elderly people The percentage of households consisting only of elderly people ages 65 and over, especially those living alone, is increasing.



(Source: National Census from FY1985 to 2015, Basic Residents Register for FY2020, as of October 1)

Source: "8th Stage Koriyama City Elderly Welfare Plan and Long-Term Care Insurance Business Project" 4

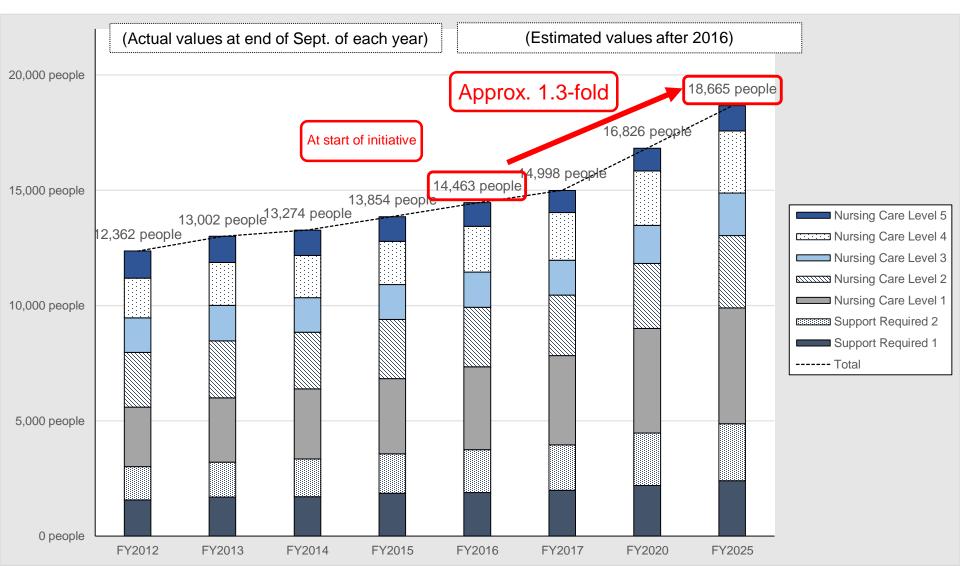
<Additional reference>
Percentage of elderly ages 75 and older

Among the elderly, the percentage of elderly ages 75 and older is increasing.

	Elderly population	Elderly ages younger than 75	Elderly ages 75 and older
FY2018	82,699	42,759	39,940
FY2019	83,923	43,044	40,879
FY2020	85,305	44,228	41,077
FY2021	86,519	45,490	41,029
FY2022	87,741	45,017	42,724
FY2023	88,873	43,996	44,877
FY2025	91,083	41,882	49,201
FY2030	92,906	39,322	53,584
FY2035	93,079	38,117	54,962
FY2040	94,417	40,302	54,115

Background (2):

Increase in number of people certified as requiring long-term care Transition of number of people certified as needing long-term care in Koriyama City (at start of initiative)



Source: "6th Stage Koriyama City Elderly Welfare Plan and Long-Term Care Insurance Business Project"

Background (2): Increase in number of people certified as requiring long-term care

Transition of number of people certified as needing long-term care in Koriyama City (current)



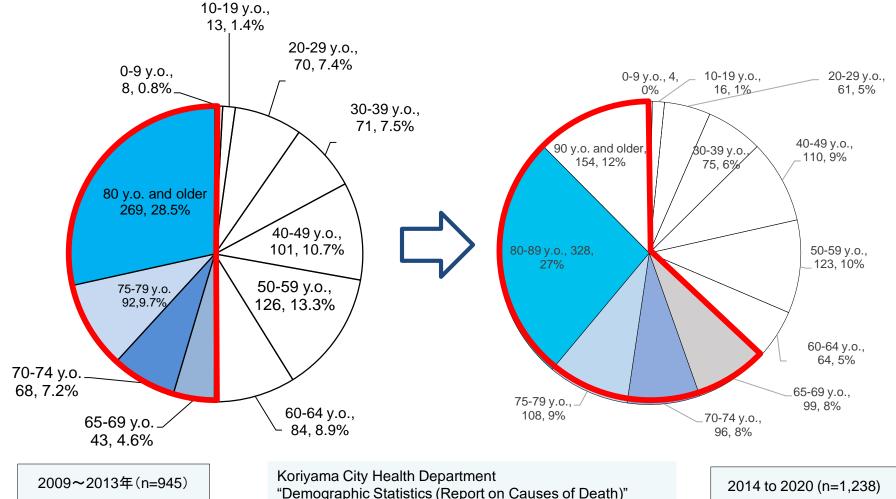
(Source: Koriyama City Long-Term Care Insurance Section, Estimate, as of October 1 of each year)

Background (3): The elderly account for a high percentage of deaths from injuries and other external causes.

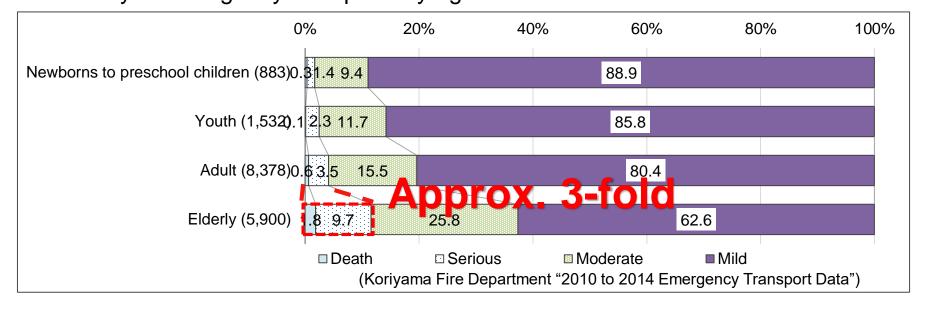
Number of deaths by injury or other external cause

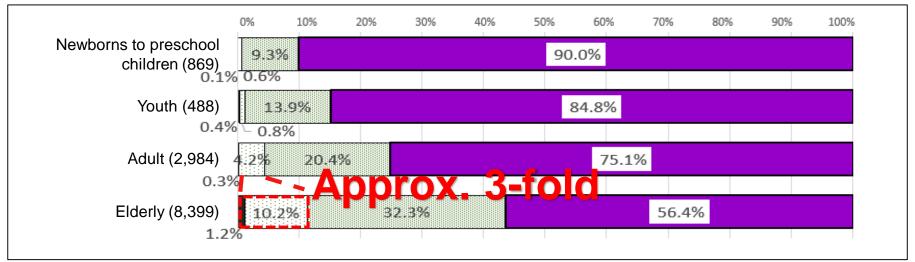
65 y.o. and older account for approx. 50%

65 y.o. and older account for approx. 60%



Background (4): Severity of emergency transports of elderly people is 3-times higher than adults Severity of emergency transports by age

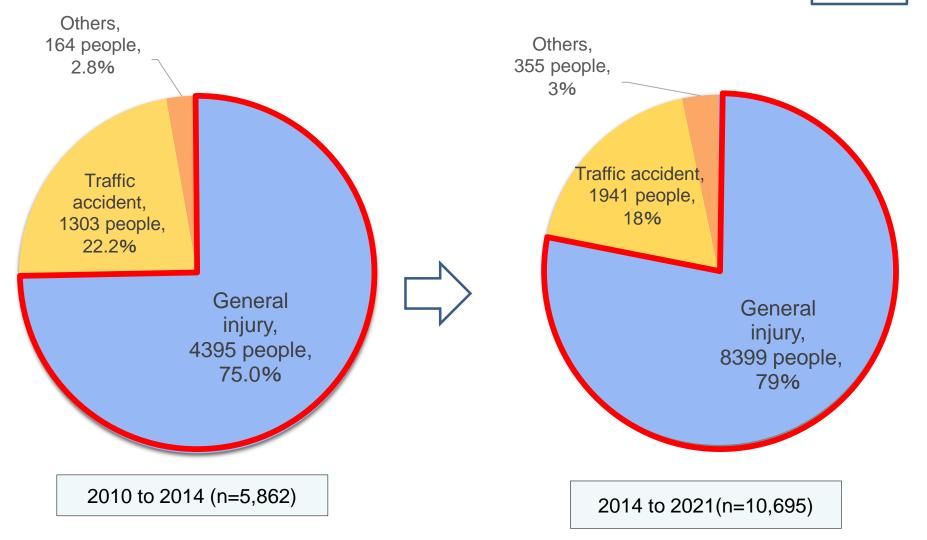




Objective data (1): General injuries are high among elderly people

Number of emergency transports of elderly people ages 65 and older for external causes by cause

Fig. 1



(Source: Koriyama Regional Fire-Fighting Union "Emergency Transport Data")

Objective data (1): General injuries are high among elderly people

Number of emergency transports of elderly people ages 65 and older for external causes by cause

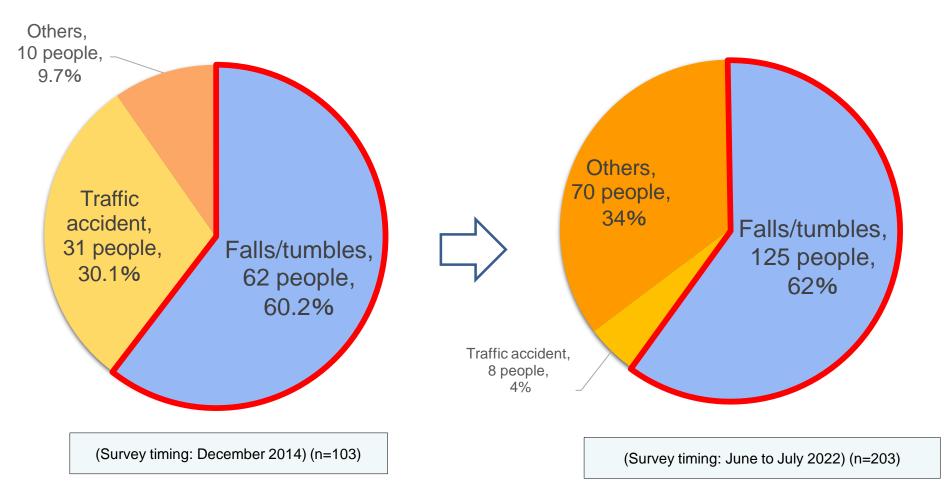
	2018	2019
Total number emergency transports	13,052 people	13,425 people
Injury or accident	2,960 people	3,183 people
General injury	1,623 people	1,723 people
General injury (65 and older)	1,084 people	1,167 people
General injury (65 and older, fall)	785 people	905 people
General injury (65 and older, rate of people who fell)	72.4%	77.5%

Objective data (2):

Fall and tumble accidents are high among elderly people

Types of accidents and injuries sustained by elderly people ages 65 and older

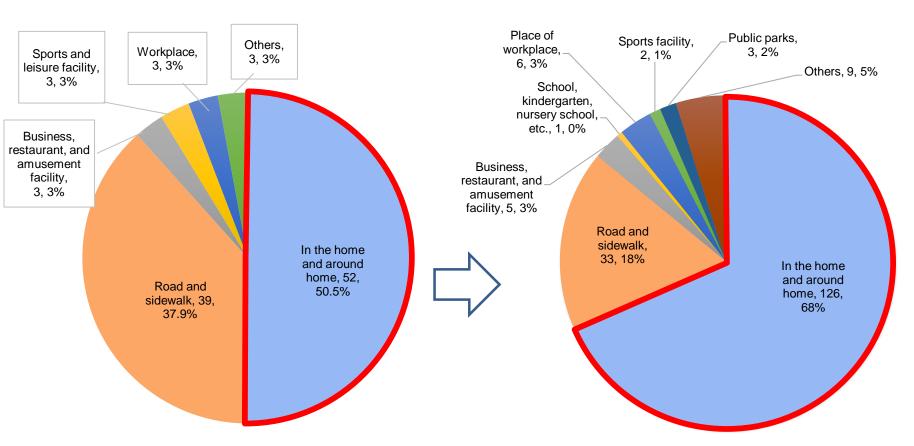
Fig. 2



Objective data (3): Elderly people are often involved in accidents in or around the home

Fig. 3

Place of accident or injury involving people ages 65 and older

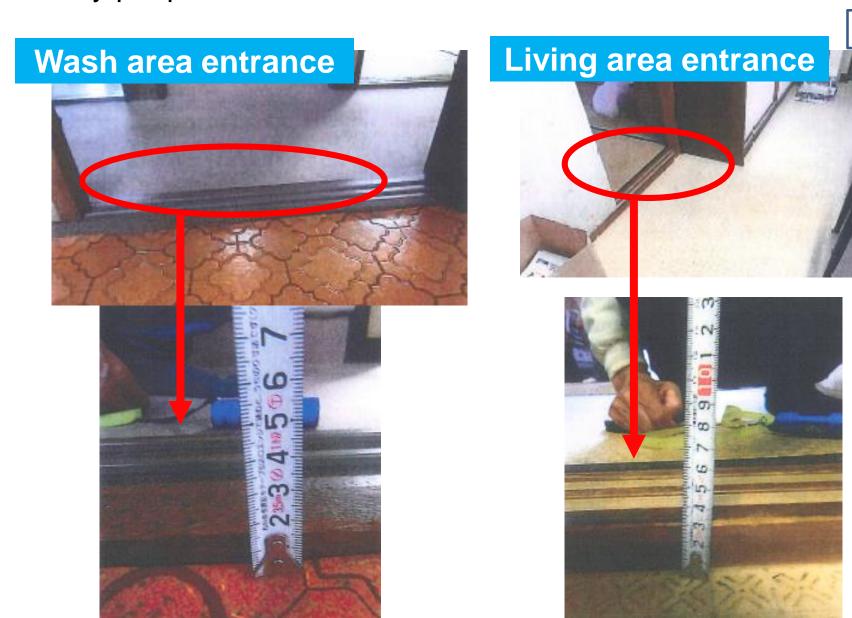


(Source: Koriyama City Safe Community "Survey of Citizen Awareness (Survey timing: December 2014)")

(Source: Koriyama City Safe Community "Survey of Citizen Awareness (Survey timing: June to July 2022)"

Objective data (3):

Elderly people are often involved in accidents in or around the home



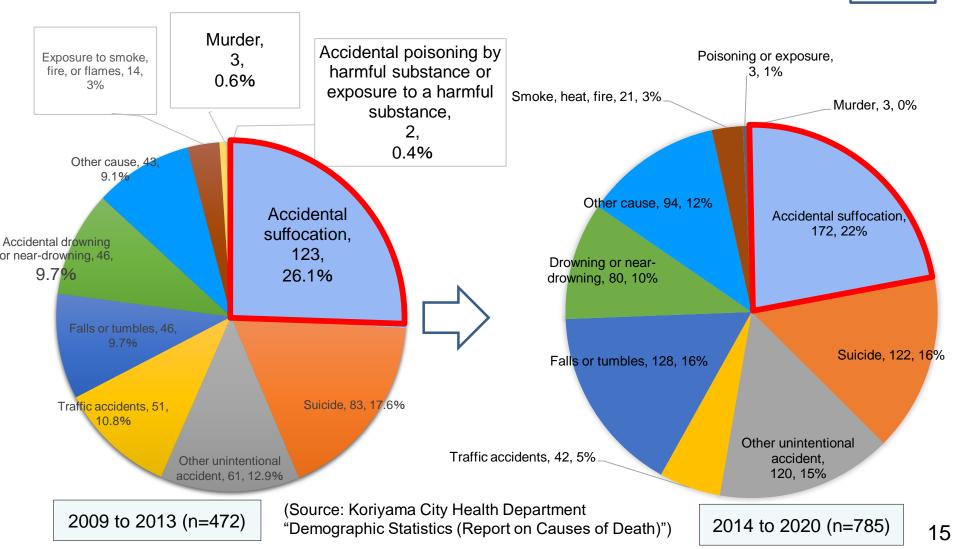
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Fig. 4

Objective data (4): Many elderly people die from suffocation

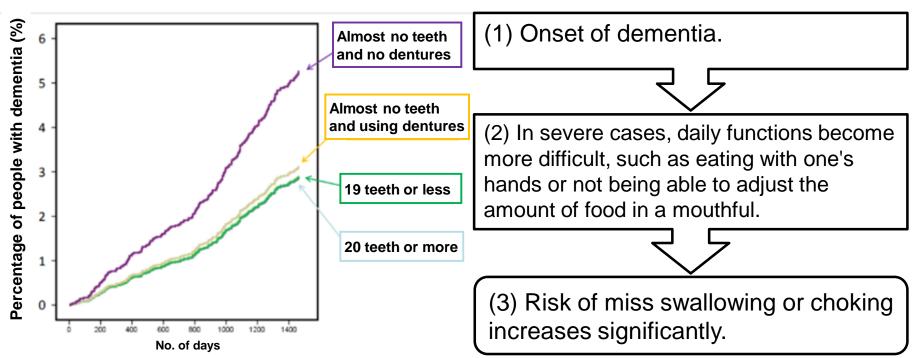
Number of deaths by injury or other external cause of people ages 65 and older, by type

Fig. 5



Objective data (4): Many elderly people die from suffocation

Onset of dementia and choking due to lack of oral care



Relationship between onset of dementia and number of teeth/denture use

(Adjusted for age, income, BMI, disease under treatment, drinking, exercise, and forgetfulness)

Yamamoto et al., Psychosom. Med., 2012

(Source: "Handling Dementia in Dentistry," Community Health Committee, Japan Dental Association)

(January 2015)

Prepared by Safety of Elderly Task Force (Reference: Japan Dental Association Report

- Dementia Medical Care - (September 2012)

Objective data (5): Rank of causes of death by age group by external causes (at start of initiative)

Age group	1st plac	e	2nd place	е	3rd place	Fig. 6
0.40.0	Cuffeestien	2 manula	Traffic accident	2 people	Falls and tumbles	1 people
0 to 9 y.o.	Suffocation	3 people	Drowning, near-droning	2 people	Smoke, fire	1 people
40.40.40	Cuisida		Troffic cosidont		Smoke, fire	1 people
10 to 19 y.o.	Suicide	8 people	Traffic accident	3 people	Poisoning	1 people
201.00	Cuisida		Troffic cosidont		Drowning, near-droning	2 people
20 to 29 y.o.	Suicide	64 people	Traffic accident	7 people	Suffocation	2 people
30 to 39 y.o.	Suicide	62 people	Traffic accident	8 people	Smoke, fire	2 people
40 to 49 y.o.	Suicide	72 people	Traffic accident	13 people	Suffocation	5 people
50 to 59 y.o.	Suicide	95 people	Traffic accident	16 people	Drowning, near-droning	9 people
60 to 69 y.o.	Suicide	68 people	Traffic accident	17 people	Suffocation	16 people
70 to 79 y.o.	Suicide	43 people	Suffocation	33 people	Traffic accident	29 people
80 to 89 y.o.	Suffocation	71 people	Suicide	31 people	Drowning, near-droning	30 people
90 y.o. and older	Suffocation	37 people	Falls and tumbles	18 people	Drowning, near-droning	6 people
Overall	Suicide	447 people	Suffocation	174 people	Traffic accident	115 people

Objective data (5): Rank of causes of death by age group by external causes (current)

Update

SCI							
Age group	1st place	•	2nd place	•	3rd place		
0-9 y.o.	Drowning or	2 noonlo	Smoke, heat, fire	1 people			
0-9 y.o.	near-drowning	2 people	Murder	1 people			
10-19 y.o.	Suicide	8 people	Traffic accidents	4 people	Poisoning or exposure	2 people	
20-29 y.o.	Suicide	41 people	Traffic accidents	7 people	Falls or tumbles	3 people	
30-39 y.o.	Suicide	63 people	Traffic accidents	4 people	Poisoning or exposure	2 people	
40.40 v o	Cuicido	71	Troffic cocidents	44	Falls or tumbles	3 people	
40-49 y.o.	Suicide	Suicide people Traffic accidents	14 people	Suffocation	3 people		
50-59 y.o.	Suicide	9 people	Traffic accidents	16 people	Falls or tumbles	8 people	
60-69 y.o.	Suicide	55 people	Traffic accidents	17 people	Suffocation	16 people	
70-79 y.o.	Suicide	50 people	Suffocation	28 people	Falls or tumbles	25 people	
80-89 y.o.	Suffocation	85 people	Falls or tumbles	59 people	Drowning or near-drowning	40 people	
90 y.o. and older	Suffocation	48 people	Falls or tumbles	34 people	Drowning or near-drowning	9 people	
Total	Suicide	398 people	Suffocation	189 people	Falls or tumbles	145 people	

Objective data (6): An increase in elderly people with dementia is anticipated

Situation of elderly people with dementia by nursing care level (current as of end of Sept. 2015) (At start of initiative)

Fig. 7

(Unit: people)

[Situation of elderly people with dementia by nursing care level]

Dementia	Support Required 1	Support Required 2	Nursing Care Level 1	Nursing Care Level 2	Nursing Care Level 3	Nursing Care Level 4	Nursing Care Level 5	Total	Percentage (%)
Independent	1,476	1,494	1,027	663	334	269	109	5 372 5 372	40.5 9.5%
Mild	232	138	1,983	1,667	779	707	284	5,790	43.6
I Moderate I	5	0	23	129	373	607	413	1,550	11.7
Serious	0	1	1	0	16	246	298	562	4.2
Total	1,713	1,633	3,034	2,459	1,502	1,829	1,104	13,274	100.0

*Degree of elderly person with dementia's independence in daily life

Mild: Can communicate but may have trouble talking about the same thing

Moderate: Has difficulty communicating, may have problematic behavior or

behavioral disorders such as incontinence

Serious: Problematic behavior or pronounced mental disorders that hinder daily life

(Source: Koriyama City Regional Comprehensive Care Promotion Section: "6th Stage Koriyama City Elderly Welfare Plan and Long-Term Care Insurance Business Project")

Elderly population	77,316 people
Number of elderly people with dementia	1,022 people
(per 10,000 population)	
Percentage of people with dementia	10.2%

Objective data (6): An increase in elderly people with dementia is anticipated

Situation of elderly people with dementia by nursing care level (current as of October 1, 2020) (latest situation)

(Unit: people)

[Situation of elderly people with dementia by nursing care level]

Dementia	Support Required 1	Support Required 2	Nursing Care Level 1	Nursing Care Level 2	Nursing Care Level 3	Nursing Care Level 4	Nursing Care Level 5	Total	Percentage (%)
Independent	2,450	1,857	1,587	758	488	480	153	5	1.6%
Mild	238	122	2,542	1,585	984	1,112	431	7,014	43.7%
Moderate	1	0	7	34	179	351	326	898	5.6%
Serious	0	0	0	0	4	156	215	375	2.3%
Total	2,689	1,979	4,136	2,377	1,655	2,099	1,125	16,060	100.0%

Source: Koriyama City Long-Term Care Insurance Section (as of October 1, 2020)

*Degree of elderly person with dementia's independence in daily life

Mild: Can communicate but may have trouble talking about the same thing

Moderate: Has difficulty communicating, may have problematic behavior or

behavioral disorders such as incontinence

Serious: Problematic behavior or pronounced mental disorders that hinder daily life

(Source: Koriyama City Regional Comprehensive Care Promotion Section: "6th Stage Koriyama City Elderly Welfare Plan and Long-Term Care Insurance Business Project")

Elderly population	85,305 people
Number of elderly people	
with dementia	971 people
(per 10,000 population)	
Percentage of people with	9.7%
dementia	9.7 /0

Objective data (7):

Consultations regarding elder abuse are made

Fig. 8

Transition of number of consultations regarding elder abuse, etc.



Organization of Challenges

Challenge 1: There are many falls by elderly people.

 General injuries are the leading type of accidents and injuries sustained by elderly people. Many citizens think that injuries from tripping or falling are highest. Fig. 1

Fig. 2

Fig. 3

Challenge 2: There are many suffocation accidents among elderly people.

 Accidental suffocation accounts for the largest percentage of deaths by type among elderly people. Fig. 4

Fig. 5

Fig. 6

Challenge 3: An increase in elderly people with dementia is anticipated.

- The rate of people certified as requiring care who have dementia is high.
- The number of people certified as needing nursing care is increasing each year.

Fig. 7

Fig. 8

Challenge 4: There are cases of elder abuse.

Consultations regarding elder abuse are received.

List of main existing programs

Priority challenge	Nation/Prefecture	City	Community			
There are many	Long-term care in	Long-term care insurance policy				
falls by elderly people.		Subsidies for housing renovations	Energetic Centenarian Exercises			
There are many suffocation	Long-term care i	Long-term care insurance policy				
accidents among elderly people.		Lectures				
An increase in	Long-term care in	Iki-iki Salon, tea parties				
elderly people with dementia is	Elderly People with Dementia SOS Mimamori- watching Network					
anticipated.		Seminars				
There are cases of	Long-term care i	nsurance policy	Visits by welfare officers, etc.			
elder abuse.	Seminars	Consultations				

Education

Summary of challenges, directions, priority targets, and programs

Direction 1 Priority target (1) **Challenge** All elderly people Reduce falls in and around the home Priority target (2) Elderly people with diminished ability **Challenge Direction 2** to swallow Reduce death by suffocation **Priority target (3)** All elderly people <u>Challenge</u> **Direction 3** <u>Strengthening</u> Priority target (4) of mimamori Elderly people and watching families requiring **Challenge** activities mimamori watching

Initiative (1) **Promotion of care** prevention classes

Initiative (2) Living environment checks

Initiative (3) Promotion of oral cavity care linked with care prevention classes

Initiative (4) **Cooperation with SOS** Mimamori-watching **Network**

Initiative (5) **Promotion of** mimamori-watching activities in the community

Programs

Priority challenge	Initiative	Outline of activity
 There are many falls by elderly people. There are many suffocation accidents 	(1) Promotion of care prevention classes→P26	 Promotion of care-prevention classes such as Energetic Centenarian Exercises and increasing sessions. Promote at meetings and community gatherings attended by Task Force members
among elderly people.	(2) Living environment checks →P30	Creation and distribution of leaflets
	(3) Promotion of oral cavity care at long-term care prevention classes →P35	Oral care activities such as "Centenarian Exercises for Chewing" at Energetic Centenarian Exercise sessions, etc.
◆ An increase in elderly people with dementia is anticipated.	(4) Cooperation with SOS Mimamori-watching Network →P37	Cooperate with projects to watch over people with dementia utilizing LINE with cooperating organizations and the general public.
◆ There are cases of elder abuse.	(5) Promotion of mimamori activities in community →P40	 Mimamori-activities by dementia supporters and neighborhood associations, etc. Support counseling services provided by the Senior Citizen Anshin Center Meeting places • Iki-iki Salon, etc.

Initiative (1): Promotion of care prevention classes

O Energetic Centenarian Exercises

<Outline of activity>

- Dispatch specialists
 (give explanations, check mental and physical state, etc.)
- Exercising while following a DVD
- Tea party
 - → Maintain and improve motor functions
 - → Prevent isolation and dementia, etc.
- Participation results



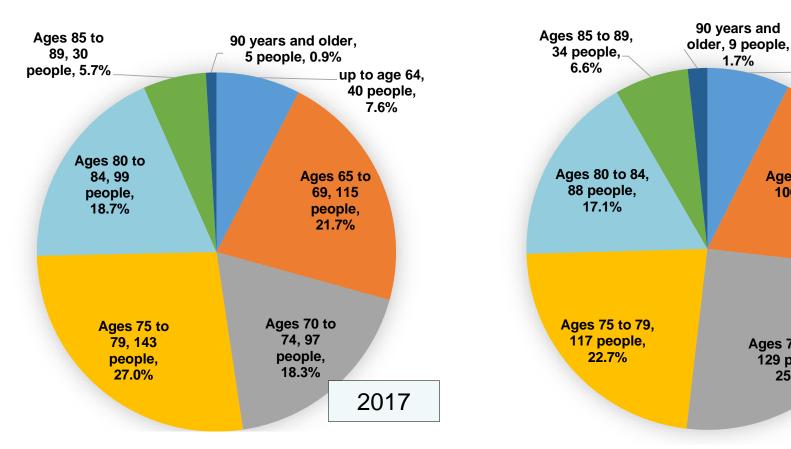
	2017	2018	2019	2020	2021
Number of venues holding exercises	70 places	94 places	115 places	121 places	132 places
Number of participants	1,396 people	2,014 people	2,501 people	2,465 people	2,391 people

^{*} The Traffic Safety Task Force also cooperated to raise traffic safety awareness. → Page 50

Initiative (1): Promotion of care prevention classes

O Energetic Centenarian Exercises

O Participating age group (participants at meeting places)



Participation by early elderly (younger than age 75) is on the increase.
 Awareness of long-term care prevention is increasing.

2018

up to age 64, 38

people, 7.4%

Ages 65 to 69,

100 people,

19.4%

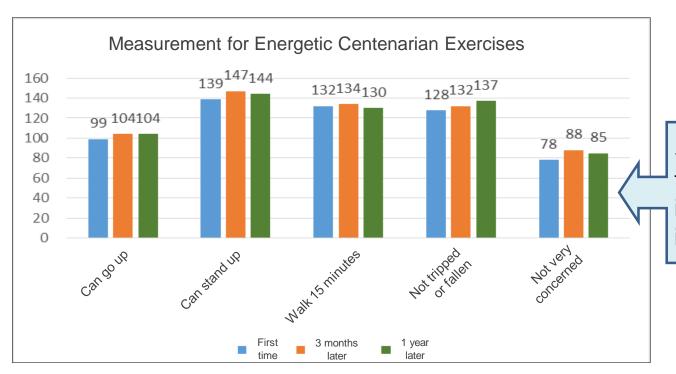
Ages 70 to 74,

129 people,

25.0%

<Evaluation and measurement at Energetic Centenarian Exercise sessions> (2018)

Question item	Number of persons responding "Yes"				
Question item	First time	3 months later	1 year later		
Can go up the stairs without holding onto handrail or wall	99	104	104		
Can stand up straight from a seated position without holding onto anything	139	147	144		
Regularly walk 15 minutes continuously	132	134	130		
Have not tripped or fallen in the past year	128	132	137		
Have no concerns about falling	78	88	85		



Number of respondents: 156 people

Some people feel that their condition is maintained or improving.

<Evaluation and measurement at Energetic Centenarian Exercise sessions>

- O There are participants who feel that their "condition is improving or maintained."
- O Regarding "Concerns about falling"
 - (1) Changes from "Concerned → Not very concerned": 18 respondents
 - → People feel that their bodies move better
 - (2) Changes from "Not very concerned → Concerned": 19 respondents
 - → People are more aware of a decline in their body's abilities

In either case, we can speculate that there was a change in awareness.

⇒ Effect of projects

Initiative (2): Living environment checks

O Creation and distribution of leaflets

Illustrations showing examples of falling in the living environment

Measures against suffocation

Information on other mimamori-watching activities



Easily check causes of falling

Introduction of "Energetic Centenarian Exercises"

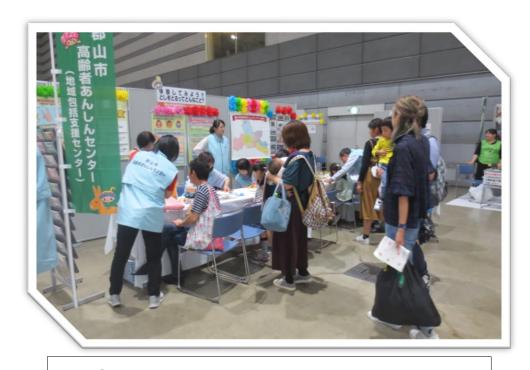
©A leaflet promoting safety for the elderly, especially in the living environment, was created.

O Number of copies distributed

Activity indicator	2017	2018	2019	2020	2021
Number of living environment	5,000		3,000	1,000	1,000
check leaflets distributed	copies	-	copies	copies	copies

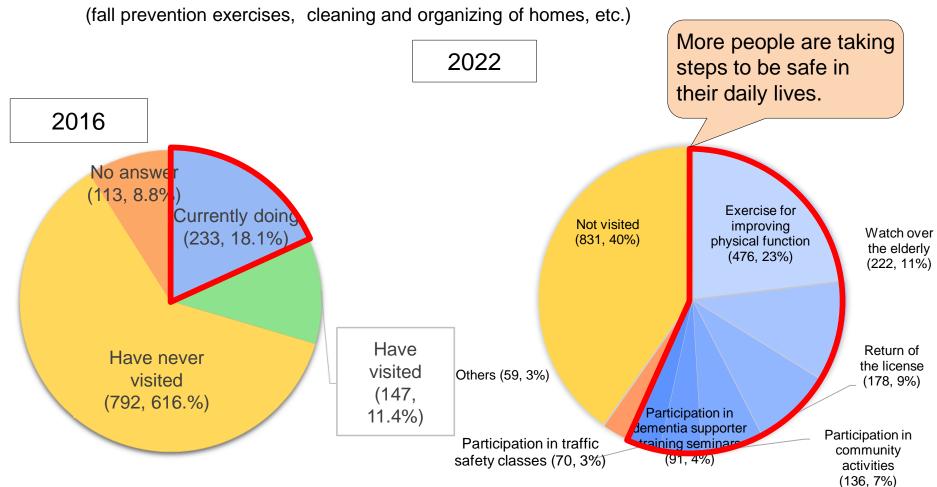
O Places of distribution

- Social Welfare Service Agencies
- Community
 Comprehensive Support
 Centers
- In-Home Caregiving Businesses
- Various events and meetings, etc.



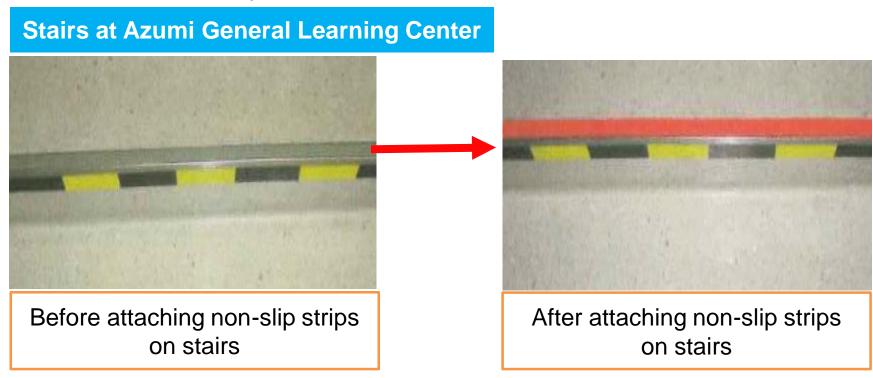
Scene from 2019 Family Festival

Situation of safety activities for the elderly



O Upcoming initiatives

Promotion of easy home renovations



It is difficult to see the edge of the stair when the tread color is the same as the surroundings, and people can misstep.

The edge is easy to see when the color is changed.

<Confirmation of results of leaflet distribution>

O According to the awareness survey, more elders are taking steps to be safe in their daily lives.

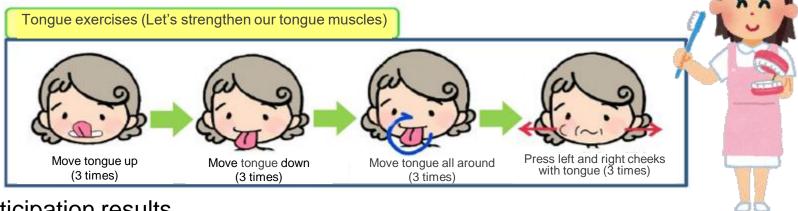
O Regarding falls in the house, we will analyze the relation to the current housing situation in Japan.

O We must promote easy safety measures, such as changing the color scheme to make steps more visible.

Program (3): Promotion of oral cavity care at careprevention classes

O Centenarian Exercises for Chewing

- Brief explanation by dental hygenest, etc.
- Oral exercises following a DVD, etc.
- Oral cavity care, etc.



O Participation results

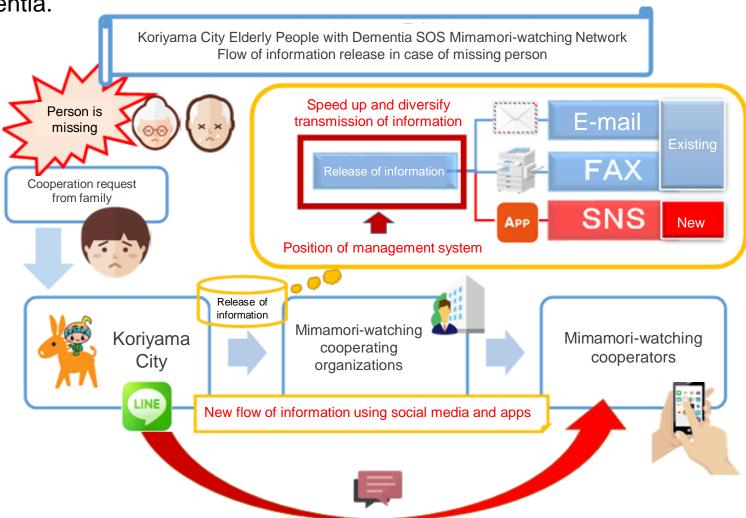
	2017	2018	2019	2020	2021
Number of venues holding exercises	24 places	64 places	91 places	103 places	106 places
Number of participants	385 people	1,447 people	2,123 people	2,193 people	2,052 people

<Performance and challenges regarding oral cavity care and suffocation>

- O At the Kami Kami Centenarian Exercises, we must conduct surveys of physical strength and awareness.
- O Caution is required when eating unique Japanese ingredients such as rice cakes and konjac, which are incredibly sticky or chewy and can stick in the throat.

Program (4): Cooperation with SOS Mimamoriwatching Network

O SOS Mimamori-watching Network is a system for watching over people with dementia.



Performance and current situation

O Current situation of SOS Mimamori-watching network

	2017	2018	2019	2020	2021	
Number of member groups	90 groups	107 groups	111 groups	114 groups	116 groups	
Number of registered members	256 people	313 people	350 people	405 people	435 people	
Recognition	_	22.4%	_	21.0%	_	

Increase participating groups

→ It will be easier to find
and protect missing persons

Increase recognition

→ More citizens can help watch over people with dementia

Program (5): Promoting mimamori-watching activities in the community

O Dementia supporter training seminars

Expand dementia supporter training

- · Retail shop employee
- · Financial institution employee
- Public transportation agency employee
- Community hall and library staff
- Consumer affairs counselor, etc.
- Prison guard
- · Police officer
- Children, students

Dementia supporter training for children and students

- Education is promoted to deepen understanding of the elderly, including people with dementia, and exchange activities with the elderly at elementary, junior high, and high schools.
- Promotion of art made by elementary, junior high, and high school dementia supporters



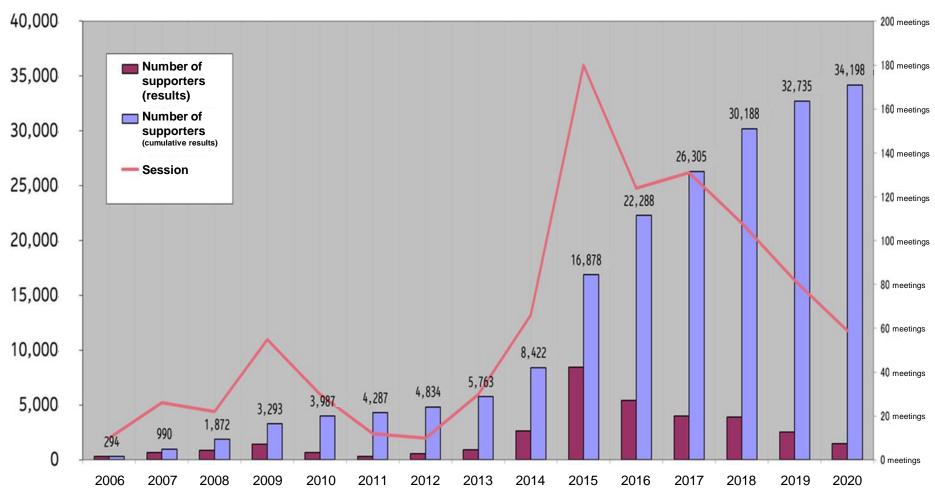
Program (5): Promoting mimamori-watching activities in the community

- O Inform community groups and citizens about the current situation of dementia and abuse
- → Previously mentioned leaflet, collaboration with community residents, seminars, etc.



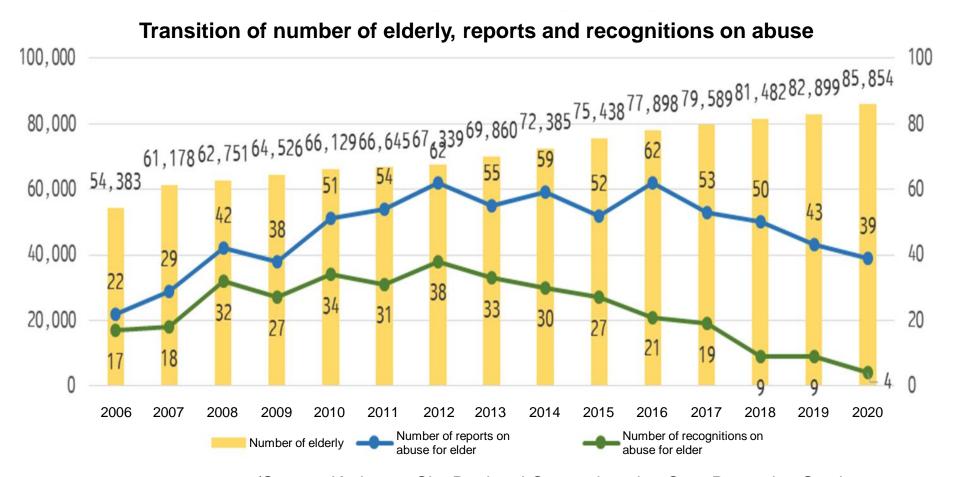
Photo from a training session for community residents to talk to elderly people with dementia

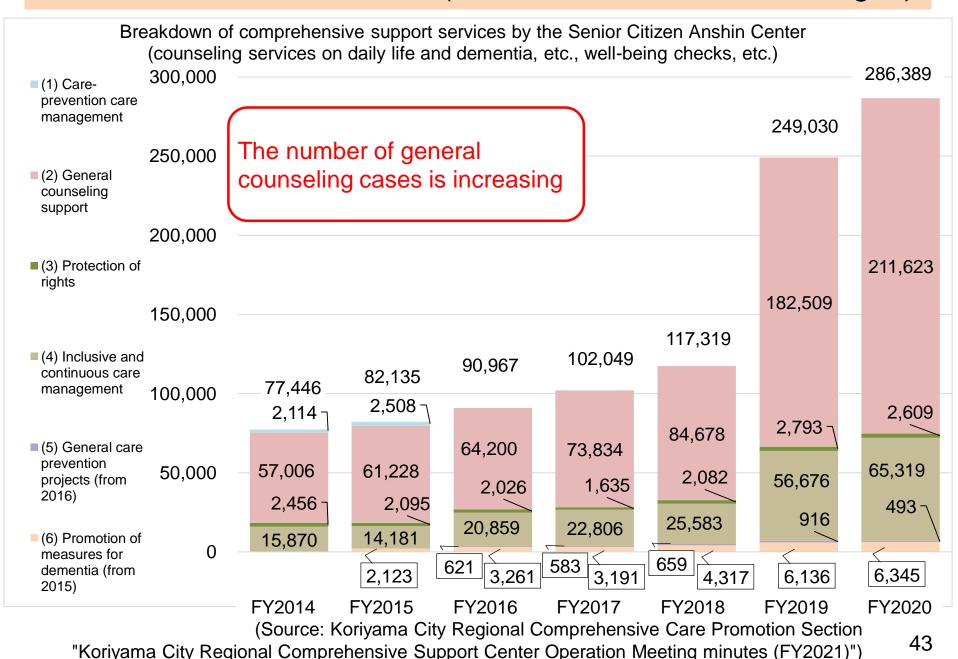
O Increase supporters through dementia supporter training seminars



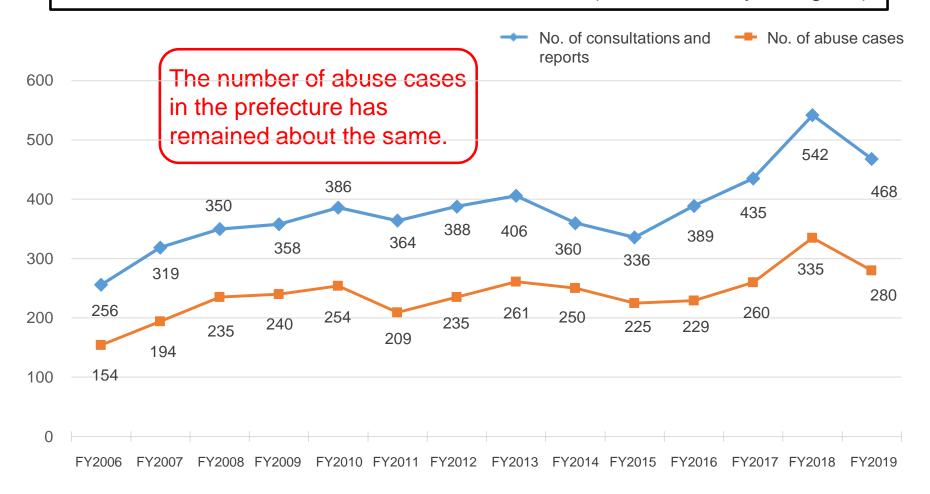
(Source: Koriyama City Regional Comprehensive Care Promotion Section, "Summary of the number of participants in dementia supporter training seminar (FY2021)")

O Reduce reports on abuse, etc.





Situation of elder abuse in Fukushima Prefecture (elder abuse by caregiver)



<Mimamori-watching in the community>

O The number of dementia supporters has increased, creating a solid system for watching over people with dementia.

- O The number of consultations regarding abuse and the number of cases recognized as abuse are both decreasing.
 - * This is not simply because abuse is decreasing, but because the various counseling and activities provided by comprehensive support groups, such as the Senior Citizen Anshin Center, are helping to prevent abuse.

General overview

<Current situation of long-term challenges>

	Activity indicator	2016	2017	2018	2019	2020
	Elderly population	79,219 people	81,248 people	82,699 people	83,923 people	85,305 people
Falls by elderly people.	Number of emergency transports for general injuries	1,018 people	1,105 people	1,141 people	1,220 people	1,120 people
	Ratio to number of elderly	1.29%	1.36%	1.38%	1.45%	1.31%
Suffocation by elderly	Number of deaths from suffocation	15 people	29 people	32 people	25 people	-
	Ratio to number of elderly	0.02%	0.04%	0.04%	0.03%	
Dementi a, abuse	Number of elderly found by SOS Mimamori-watching Network after missing person report was issued	11 out of 11 people	19 out of 17 people		12 out of 11 people	11 out of 10 people

O Many projects are improving in the short- and medium-term, but long-term issues, which are the final goal, remain almost unchanged.

General overview

<Interactive activities during Covid-19 pandemic>

O In Koriyama City, interactive activities with other people and experiences have been conducted at the "Iki-Iki Clubs" and various salons. Extensive Covid-19 prevention measures are in place.

O The average age of "Iki Iki Day Club" users is over 80 years old, while the percentage of the elderly (75 years old or older) who are certified as requiring long-term care is approx. 33% in this city.

Policy for future activities

- O Find ways to achieve goals through public awareness activities and awareness surveys
- O Activities to encourage community participation, include increasing the number of households participating in neighborhood associations and creating opportunities for the elderly to participate in community activities and work.
- O Respond to the changing situation caused by Covid-19.
- * Activities with Suicide Prevention Task Force to respond to changes in the environment, etc.
- * Activities to ensure the safety of the elderly from various angles through collaboration with other task forces.

Future activities

O The government and community residents cooperate in providing care that collaborates in multi-sectors.



Sharing community information (Information on people needing mimamori-watching in the respective communities and things to beware of, etc.)

Creation of Community Support Mimamori-Watching Map

(Creation of map to understand the location of people who need to be watched and the position of people who will help watch)



Future activities

O Activities in collaboration with other task forces (Photo below shows collaboration with Traffic Safety Task Force)



Promotion of traffic safety (at Iki Iki Centenarian Exercise session)

Distribution of reflectors for shoes (at Iki Iki Centenarian Exercise session)



Thank you for listening.





