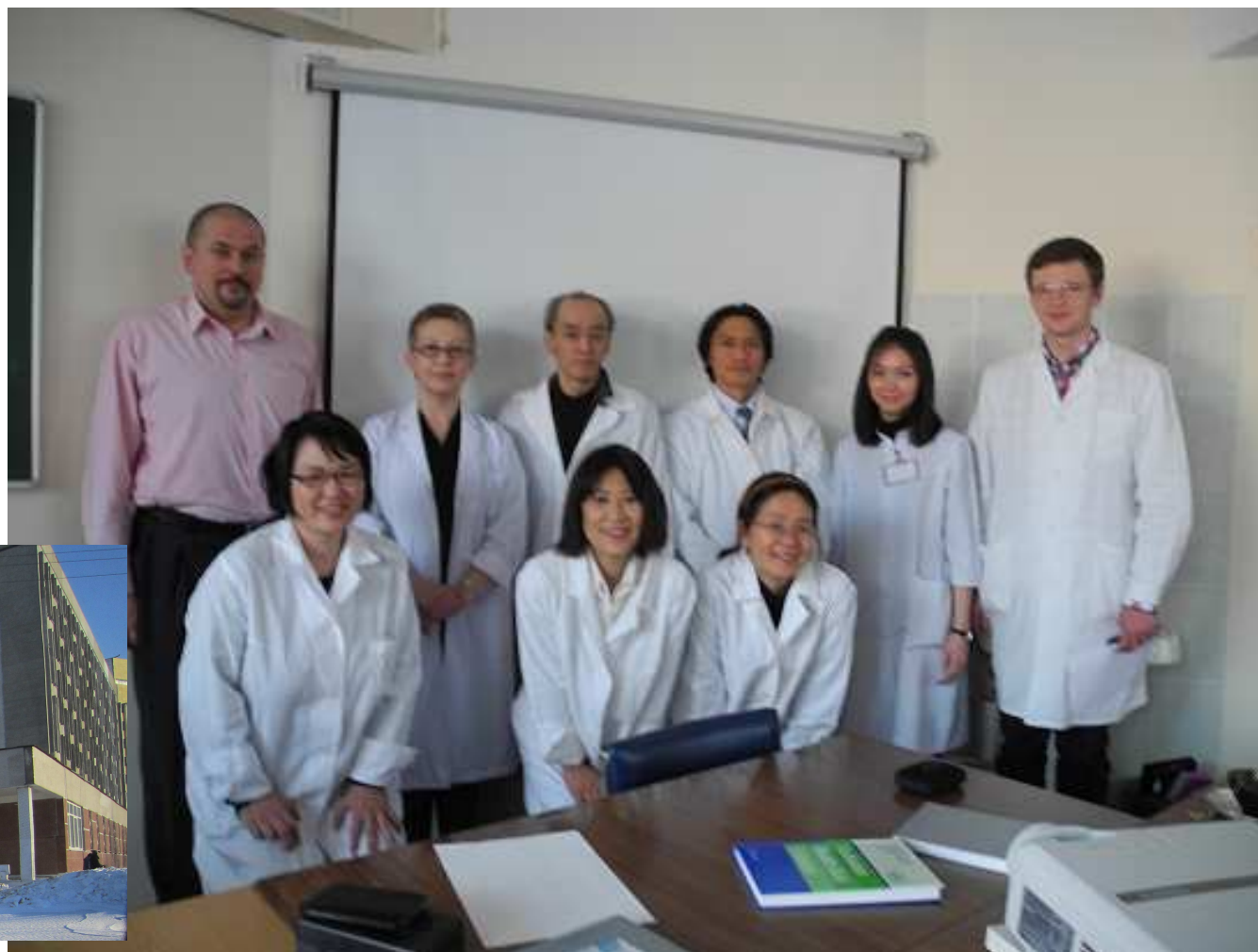


BELARUSIAN MEDICAL ACADEMY OF POST-GRADUATE EDUCATION

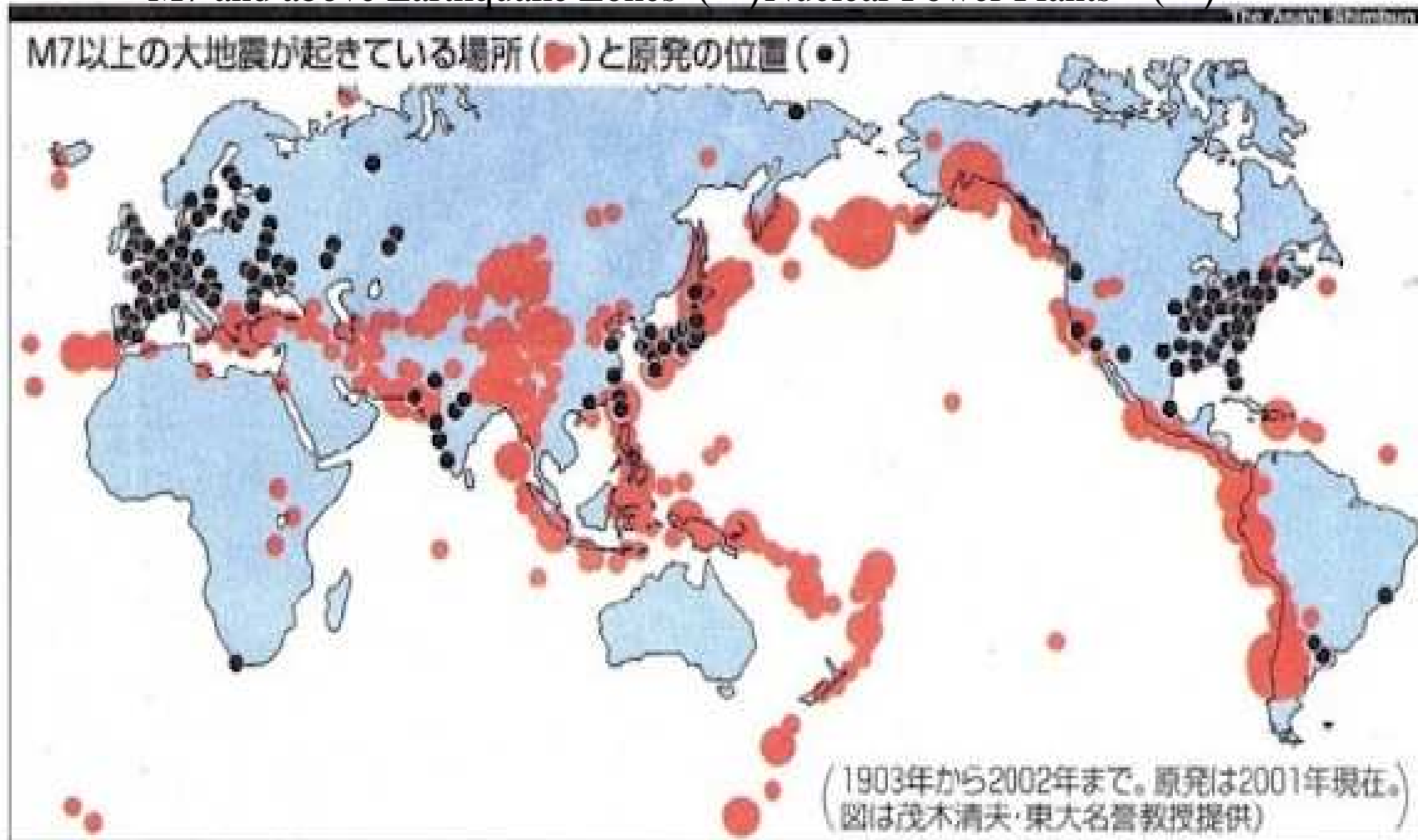
ベラルーシ医科大学卒後教育プログラム (B e l m a p o)



Earthquake Zones and Nuclear Power Plants Around the World

世界の地震帯と原発の立地点

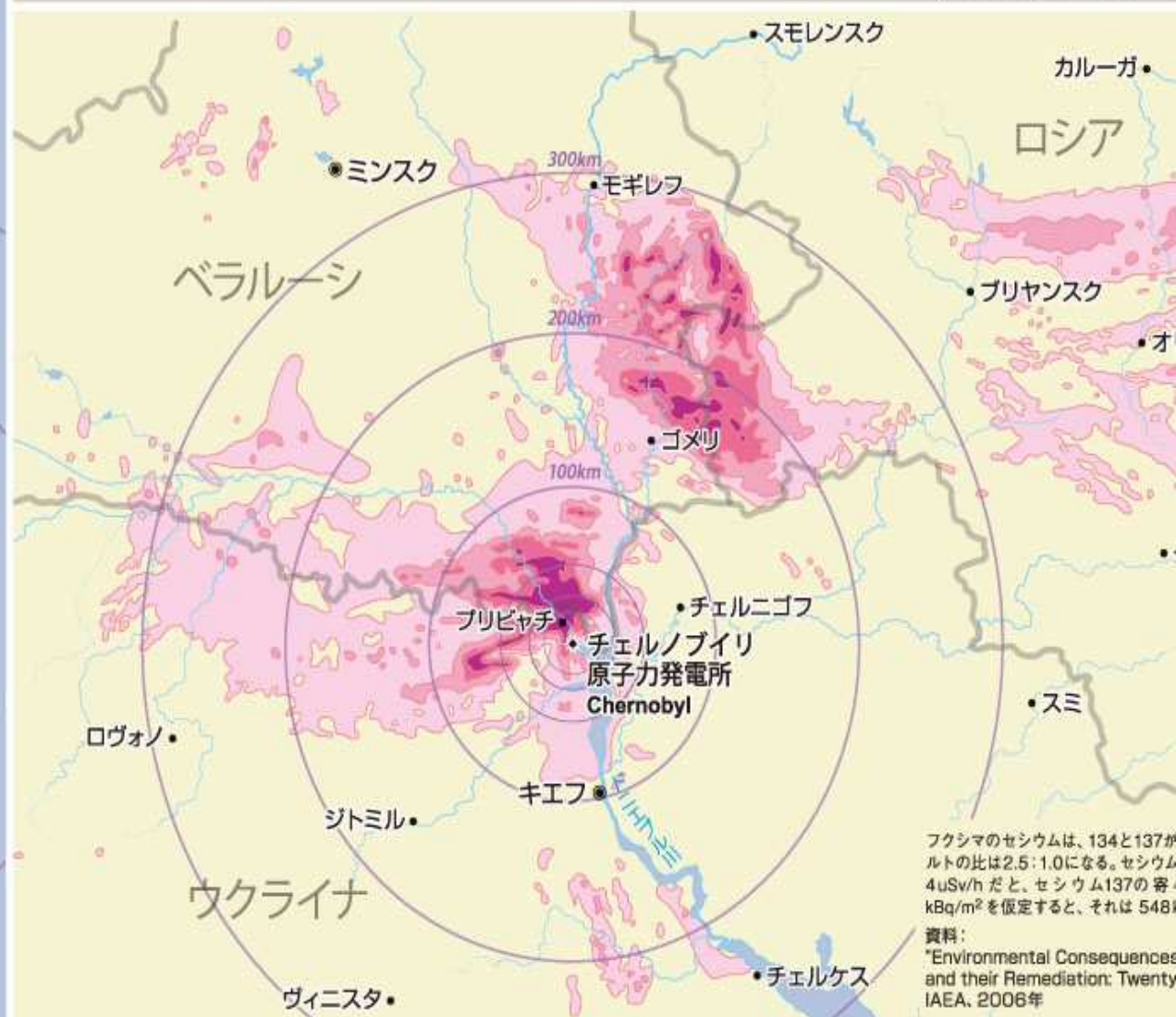
M7 and above Earthquake Zones (●) Nuclear Power Plants (●)





フクシマとチェルノブイリの比較

著者：早川由紀夫(群馬大学)
By Yukio Hayakawa, Gunma

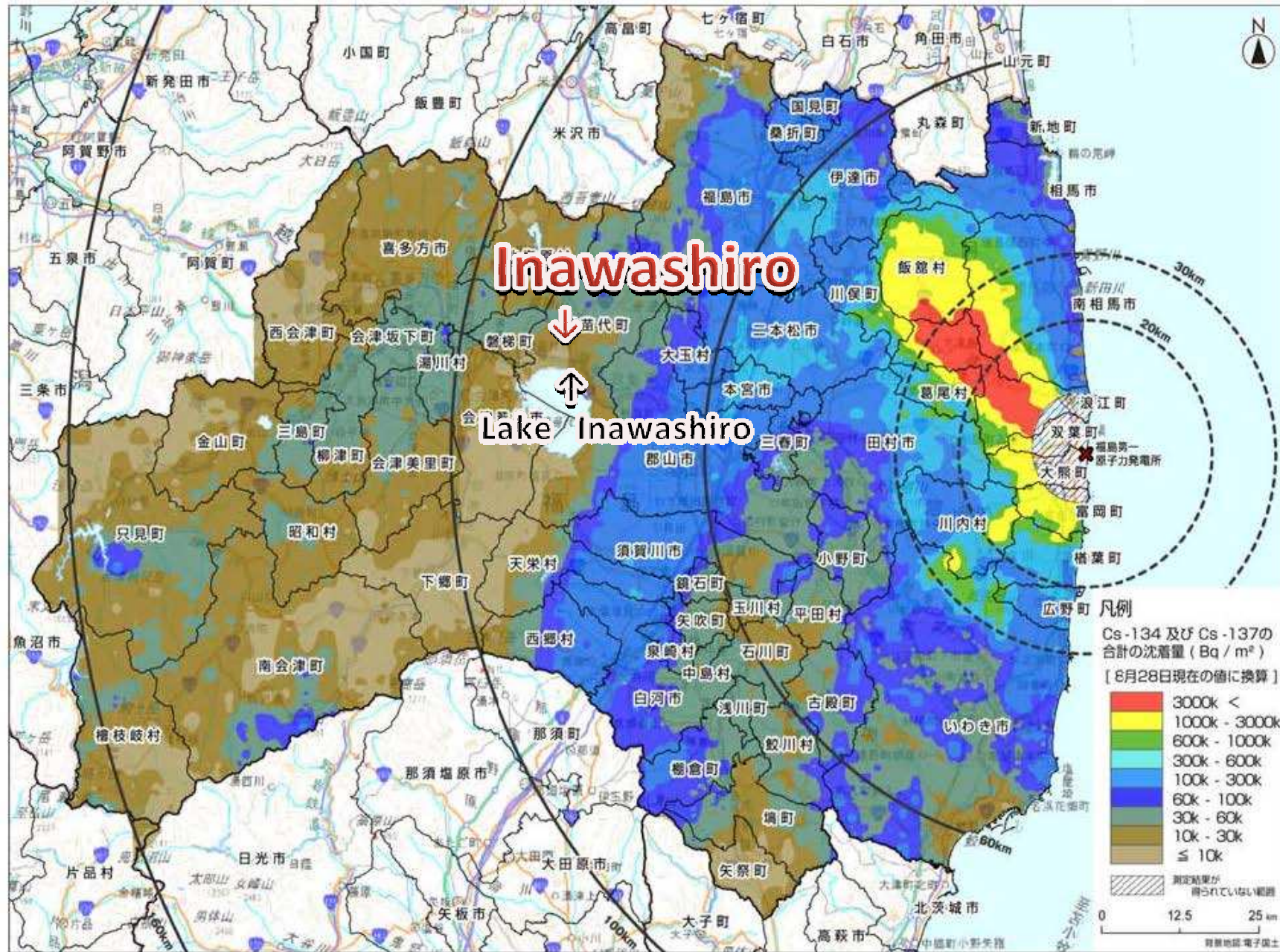


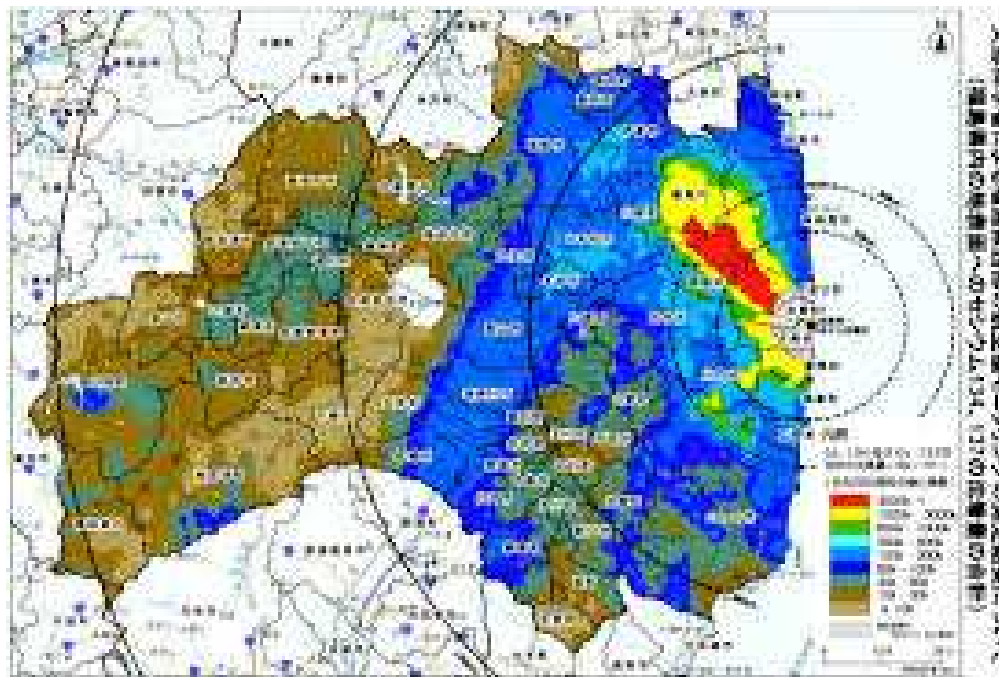
	濃いピンク	ピンク	薄いピンク	白	黄
日本(左図)	~8μSv/h	8~4μSv/h	4~1μSv/h	1~0.25μSv/h	0.25~0.125μSv/h
チェルノブイリ(上図)	3700~1480kBq/m ² 居住禁止区域	1480~555kBq/m ² 移住必要区域	555~185kBq/m ² 移住権利区域	185~37kBq/m ²	(日本のみ)

改訂版 2011年12月9日(初版4月15日)

この地図の作成には、国立科学博物館の「環境放射線測定データベース」(http://www.riken.go.jp/riken/earthquake/2011/04/15/)が利用された。

I live 80km from Fukushima #1 Nuclear Power Plant.





福島県の地形とCs 134.137の分布
奥羽山脈で遮られています

Fukushima's topography affected
the spread of Cs134 and Cs137.

Western Fukushima was protected
by Oousanmyaku Mountain Range.

March 12, 2011 Our clinic in Inawashiro, Fukushima



Evacuation Facility

March 23, 2011

The population of Inawashiro is 15,000.

After the nuclear meltdown, our town took in 3,000 evacuees.



People used cardboard boxes to create personal space in a gymnasium.

Supermarket

March 15, 2011

Inawashiro, Fukushima



ベラルーシの医師の講演会：
福島では本当の話を聞けない!!

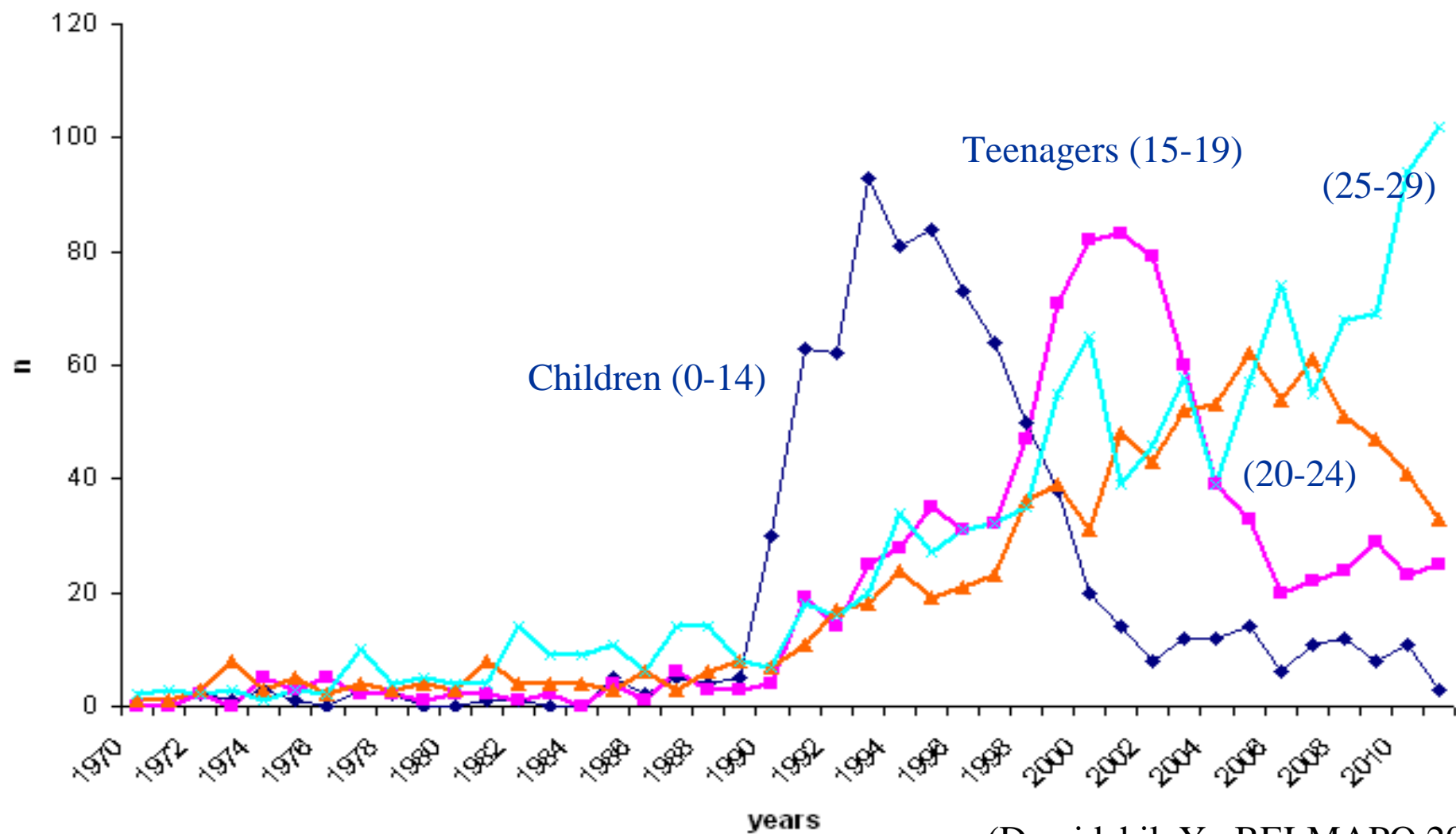
Doctors from Belarus came to Fukushima,
but they did not tell us the truth!



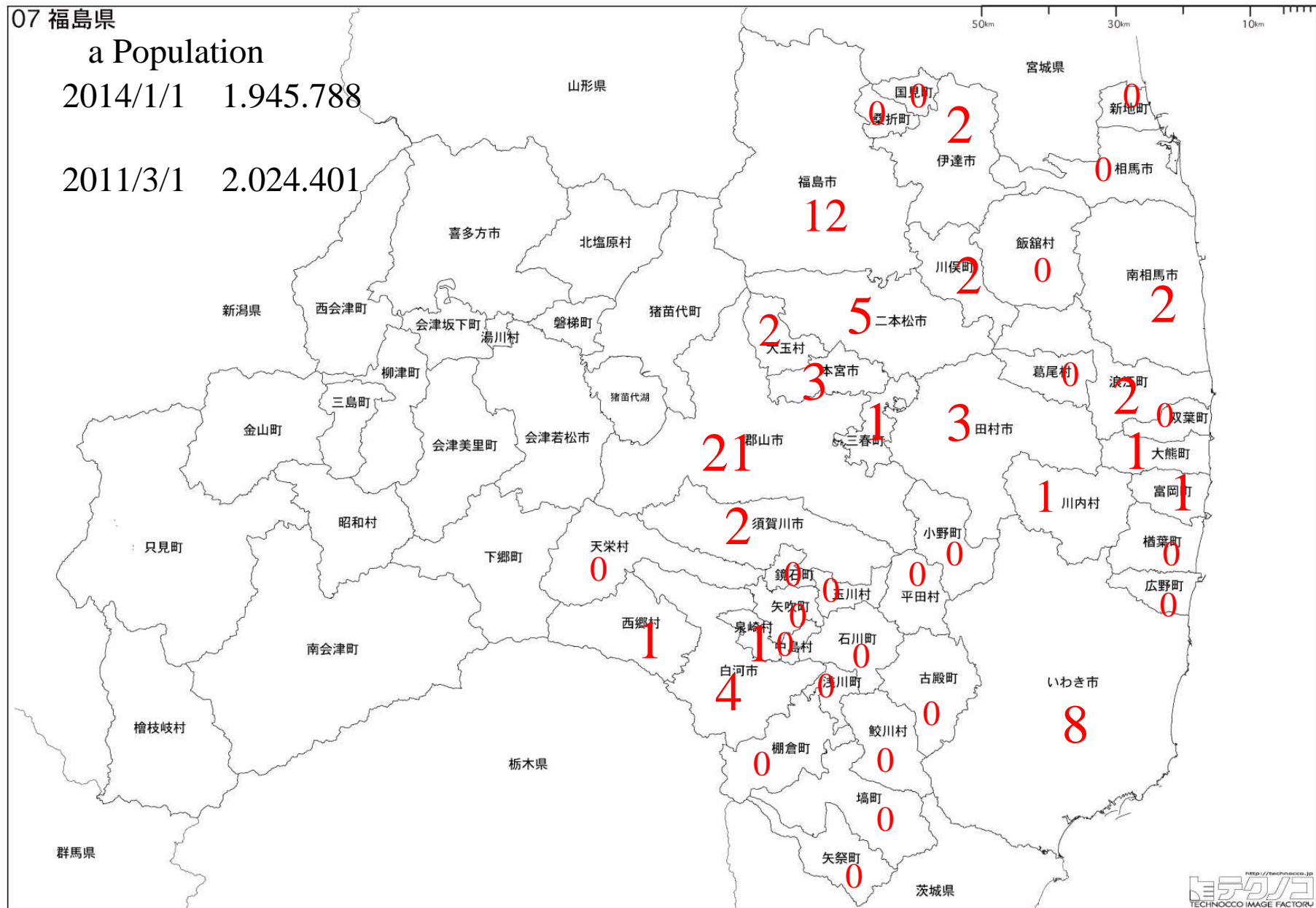
December 2012

Thyroid cancer in Belarus 1970-2011

(children 0-14; teenagers 15-19; young adults 20-24 and 25-29)

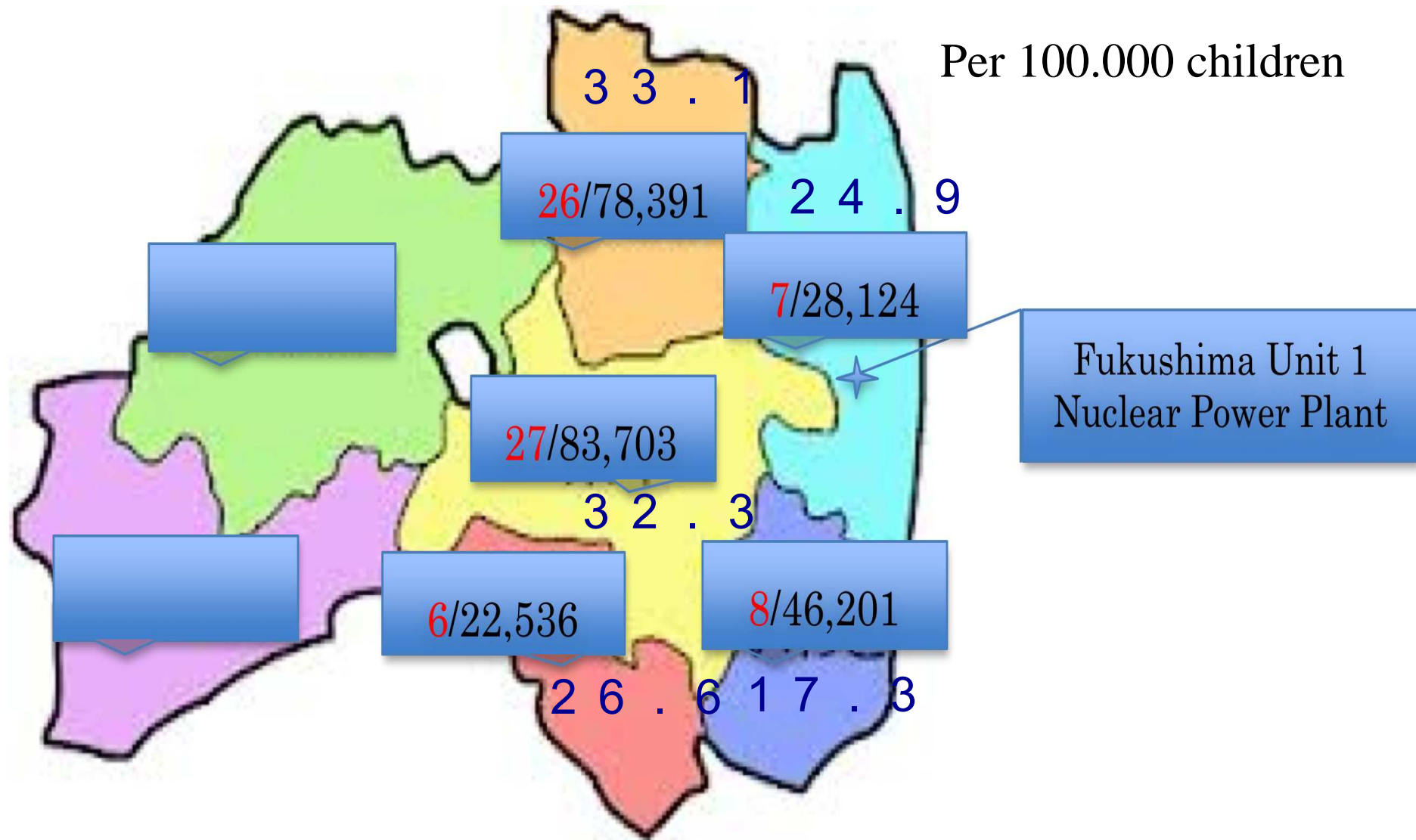


(Demidchik Yu, BELMAPO.2011)



福島県の甲状腺悪性疑いの地域別分布(H25.12.31現在)

Cases of suspected thyroid cancer in Fukushima



福島県 県民健康管理調査

Per 100,000

2013,12.31

ベラルーシ共和国 放射能汚染図

(事故後 10 年目の ^{137}Cs 汚染地図)

— チェルノブイリにおける基準 —

居住禁止区域基準: 1480k Bq/m^2 以上

厳密管理区域: $555\text{k} \sim 1480\text{k Bq/m}^2$

汚染地域: $37\text{k} \sim 555\text{k Bq/m}^2$

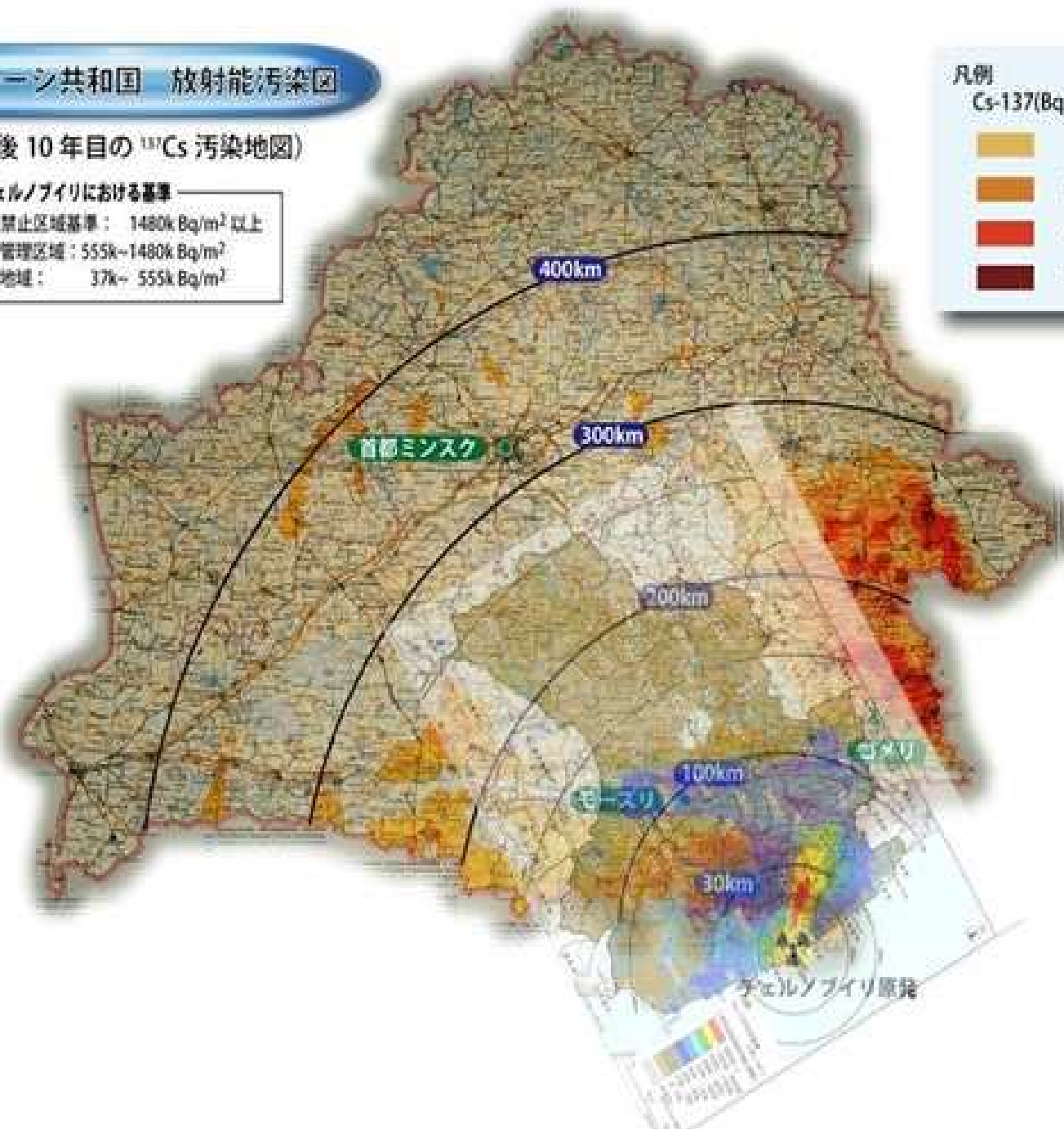
凡例
 $\text{Cs-137}(\text{Bq/m}^2)$

$37\text{k} \sim 185\text{k}$

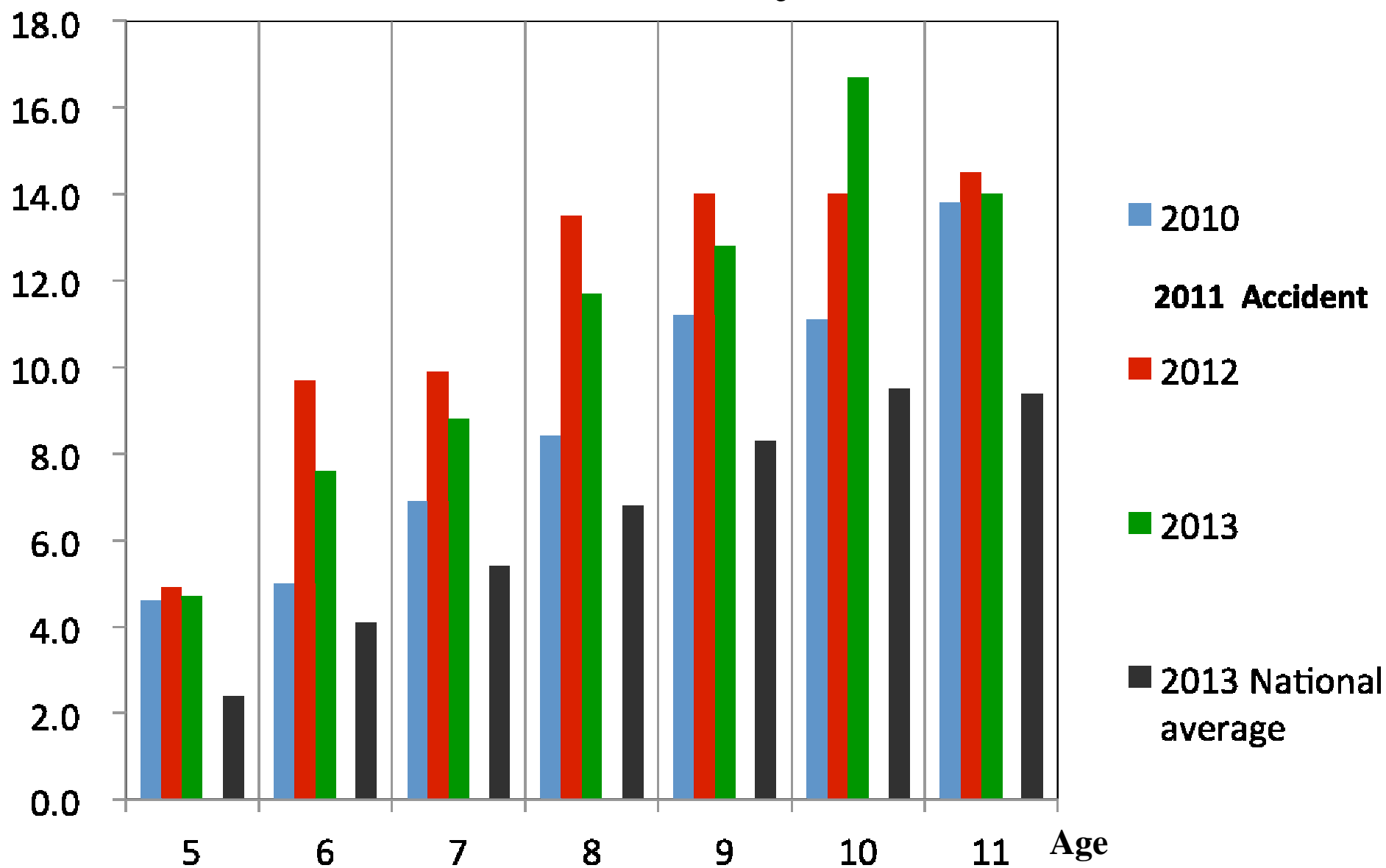
$185\text{k} \sim 555\text{k}$

$555\text{k} \sim 1480\text{k}$

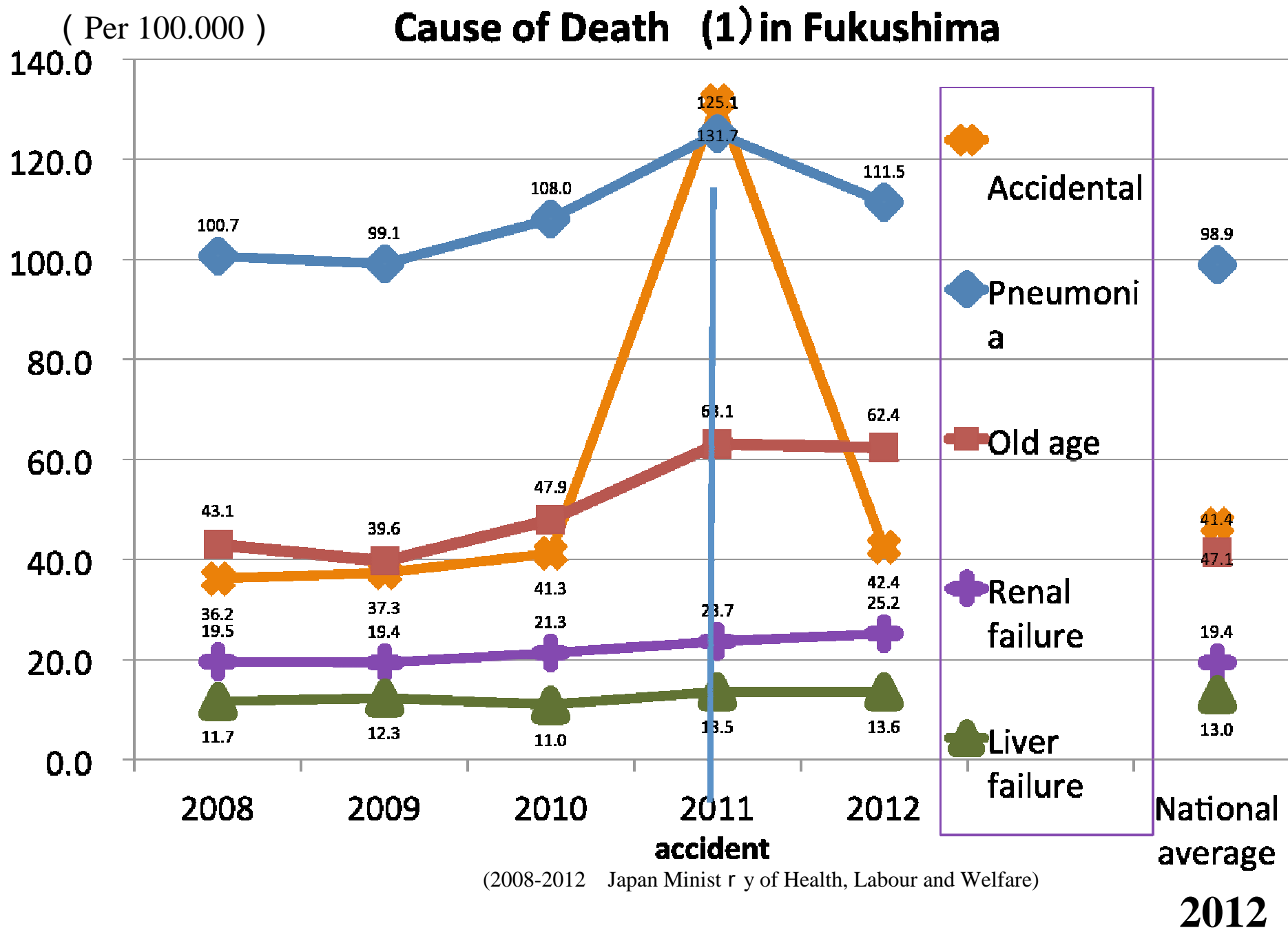
$1480\text{k} <$



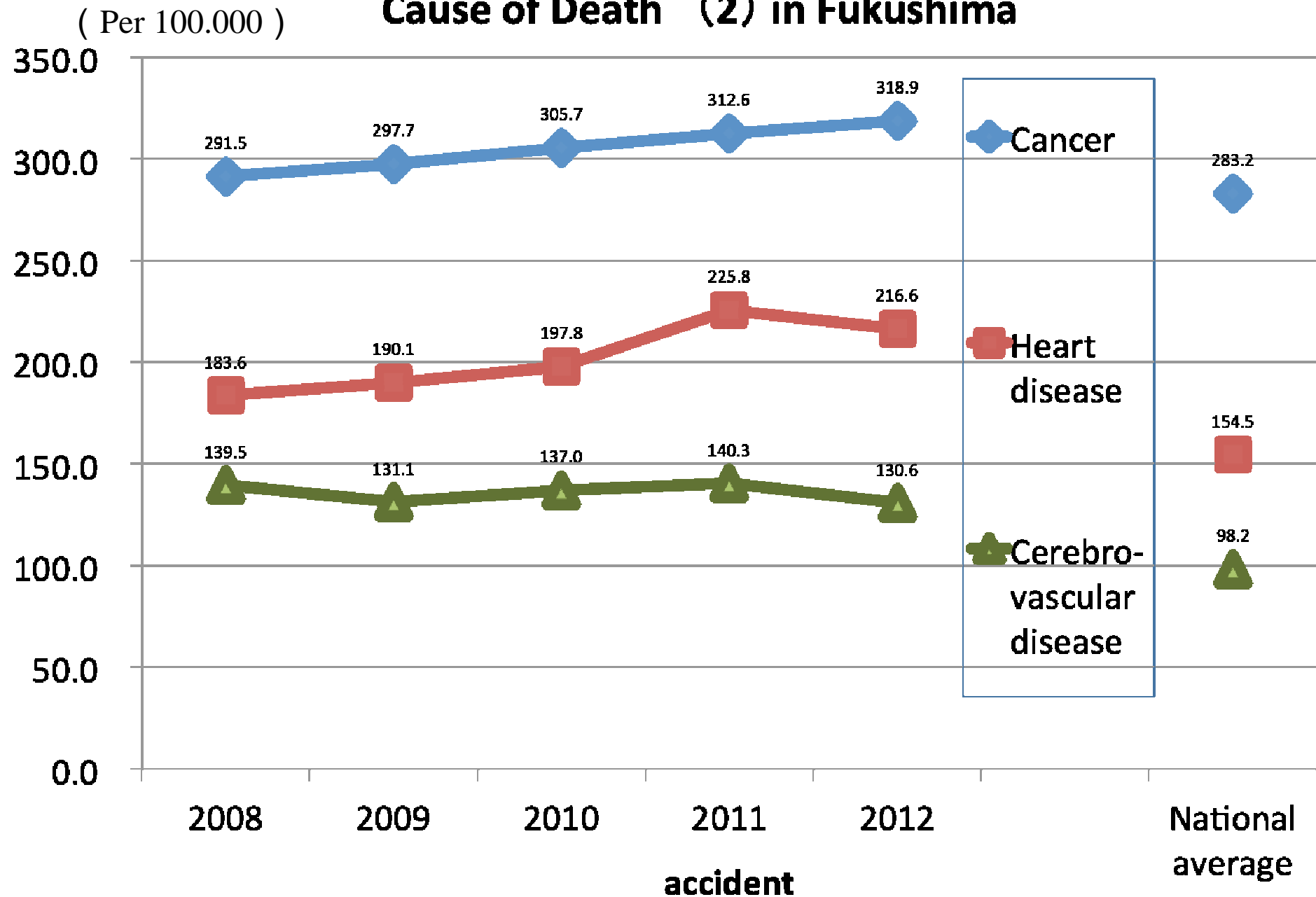
% Incidence of Child Obesity [5-11 years old] in Fukushima



(2010-2013 Japan Ministry of Health, Labour and Welfare)



Cause of Death (2) in Fukushima



(2008-2012 Japan Ministry of Health, Labour and Welfare)

2012

Thyroid sonograms for Fukushima children age 0-18 at the time of the nuclear accident.

Dr. Shinichi Suzuki, of the Fukushima Health Management Survey, has instructed doctors conducting thyroid exams what to tell parents:

“I believe there is no need for concern, but to be sure, several doctors will review the results. These will be mailed to you in 1-2 months.”

We are not allowed to tell
the parents
the results at the time
of the exam!!!



Despite high levels of radiation in Fukushima, why don't people evacuate?

- 1 • They cannot leave the land and graves that have been in their families for generations ;
the older generations in their family refuse to evacuate.
- 2 • They worry they won't find new work if they evacuate, or they can't quit their current work.
- 3 • Sick family members cannot be moved.
- 4 • They feel they can't leave behind their friends.
- 5 • They don't want to interrupt their children's education.
- 6 • Their parents/ in-laws believe the government that this level of radiation is safe.
- 7 • They don't have enough money to evacuate on their own.
- 8 • They don't to leave their pets/ animals behind.



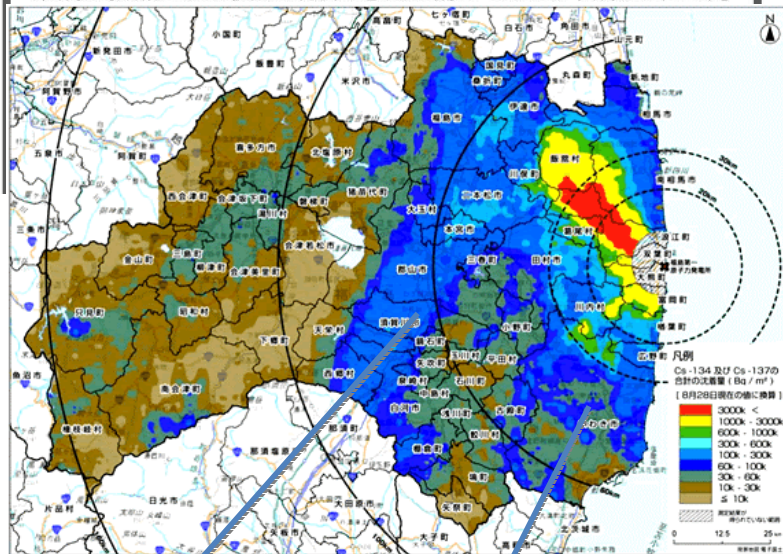
本格的な
県営復興公営住宅の
建設が始まります



FUKUSHIMA

Fukushima Prefecture ended financial support to voluntary evacuees in December 2013.

原子力災害により避難されている方々のコミュニティの維持・形成の拠点となる復興公営住宅の整備について、平成25年11月



Koriyama city

Iwaki city

The prefecture is now offering expecting families and those with children a financial incentive to return to Fukushima.

Fukushima Prefecture is now building apartments in the cities of Koriyama and Iwaki for those anticipated to return.

Medical Examination for Potential Decontamination Workers

Honestly,
I prefer not to conduct these examinations.

Many of the people don't have jobs or are young and single.

By law, those under 18 are not allowed
to do decontamination work



From 2012 to 2013, at my small hospital in Inawashiro I examined:

Age	17-19	20-29	30-39	40-49	50-59	60-69	70-70
No. of people	3	13	7	7	8	2	1

March 15, 2011 3:00am

You mustn't remain in Fukushima

a letter from your mother

To my children that I love so much,

Now, the nuclear power plant in Fukushima is in dire condition.

Reactors 1, 2 and 3 have exploded. How many years will the radiation last?

How many generations will it affect? When I think about these things, I cannot sleep.

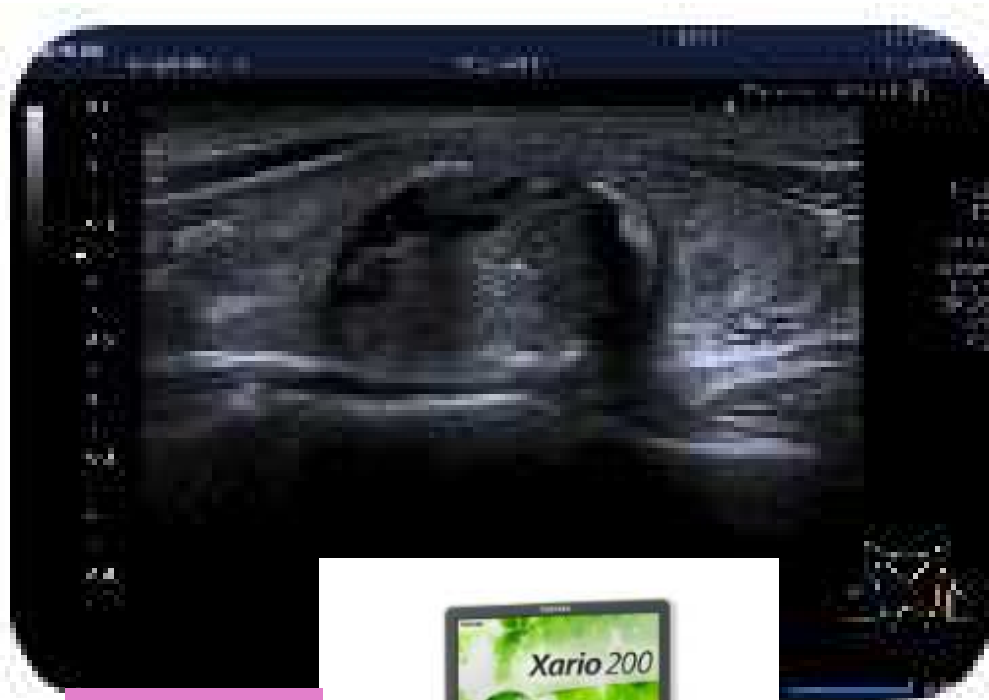
My brother, your uncle, and his children have evacuated to Kyushu.

I must find a way to evacuate you to a safer place. I am so anxious.

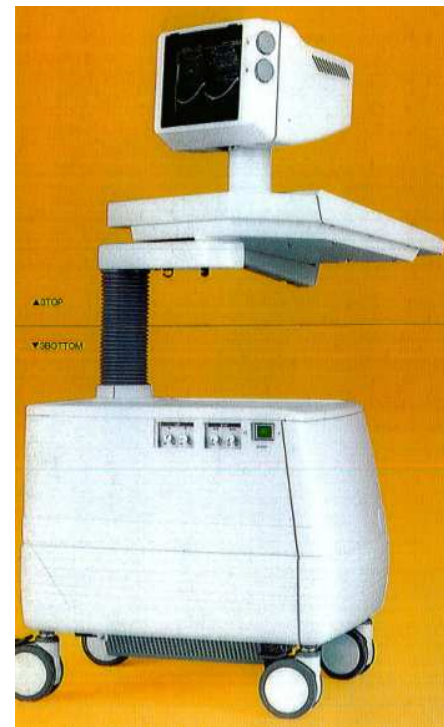
Just in case I never see you again, I want to tell you a few things:

- *Get along with each other and help each other out.**
- *Never give up on your dreams.**
- *Make a contribution to the world.**
- *Concentrate on your inner self and not on your appearance.**
Always remain humble.
- *Keep your room tidy.**
- *Eat healthy.**
- *Take care of nature and work for peace.**
- *Pay respects to your ancestors and take care of your families.**
- *Your happiness is the most important thing to me. I will love you forever.**
- *Lastly, if Fukushima ever becomes safe again, please come home.**





2014



1986

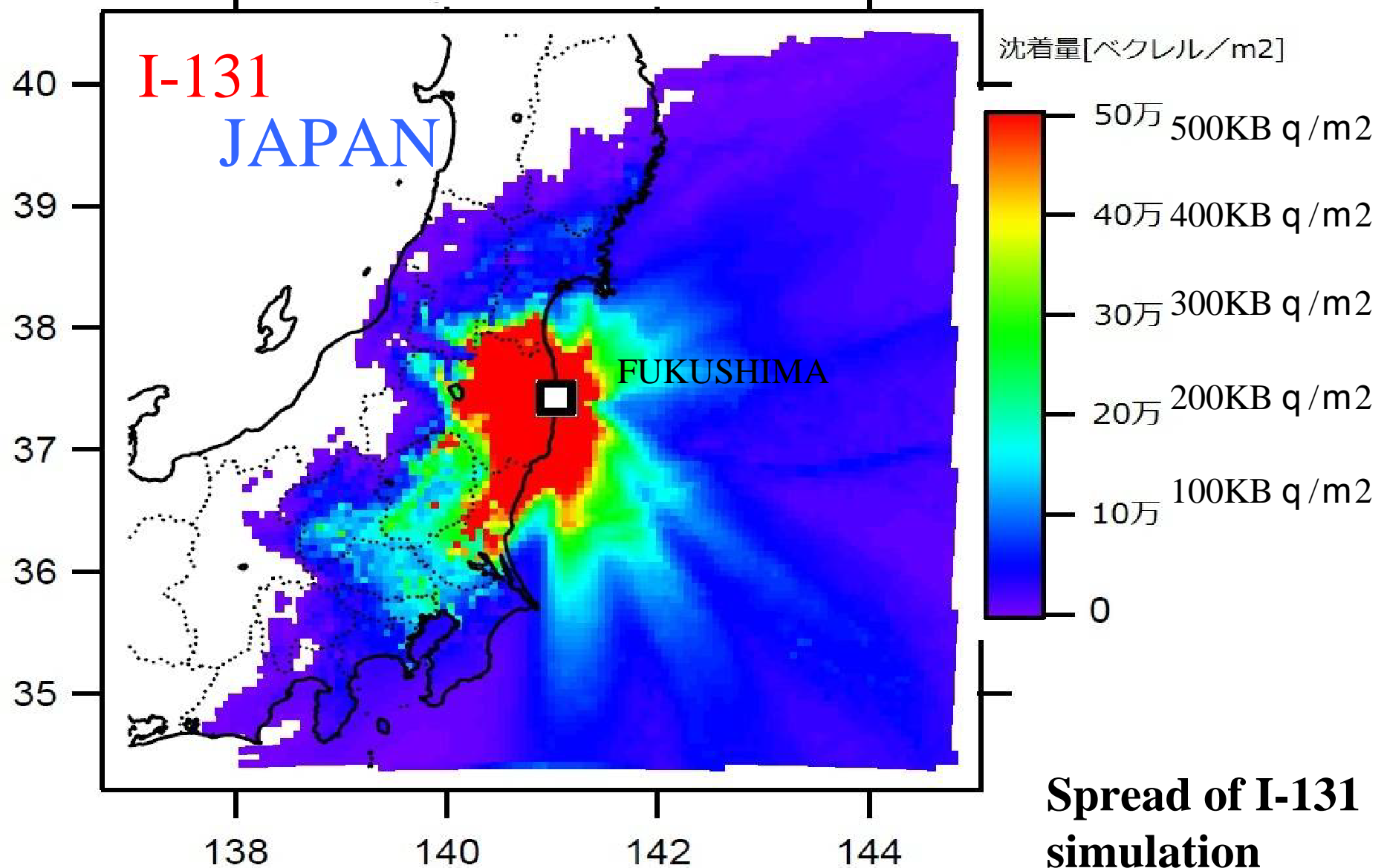


Thank you for your attention.

Please help us protect our children.

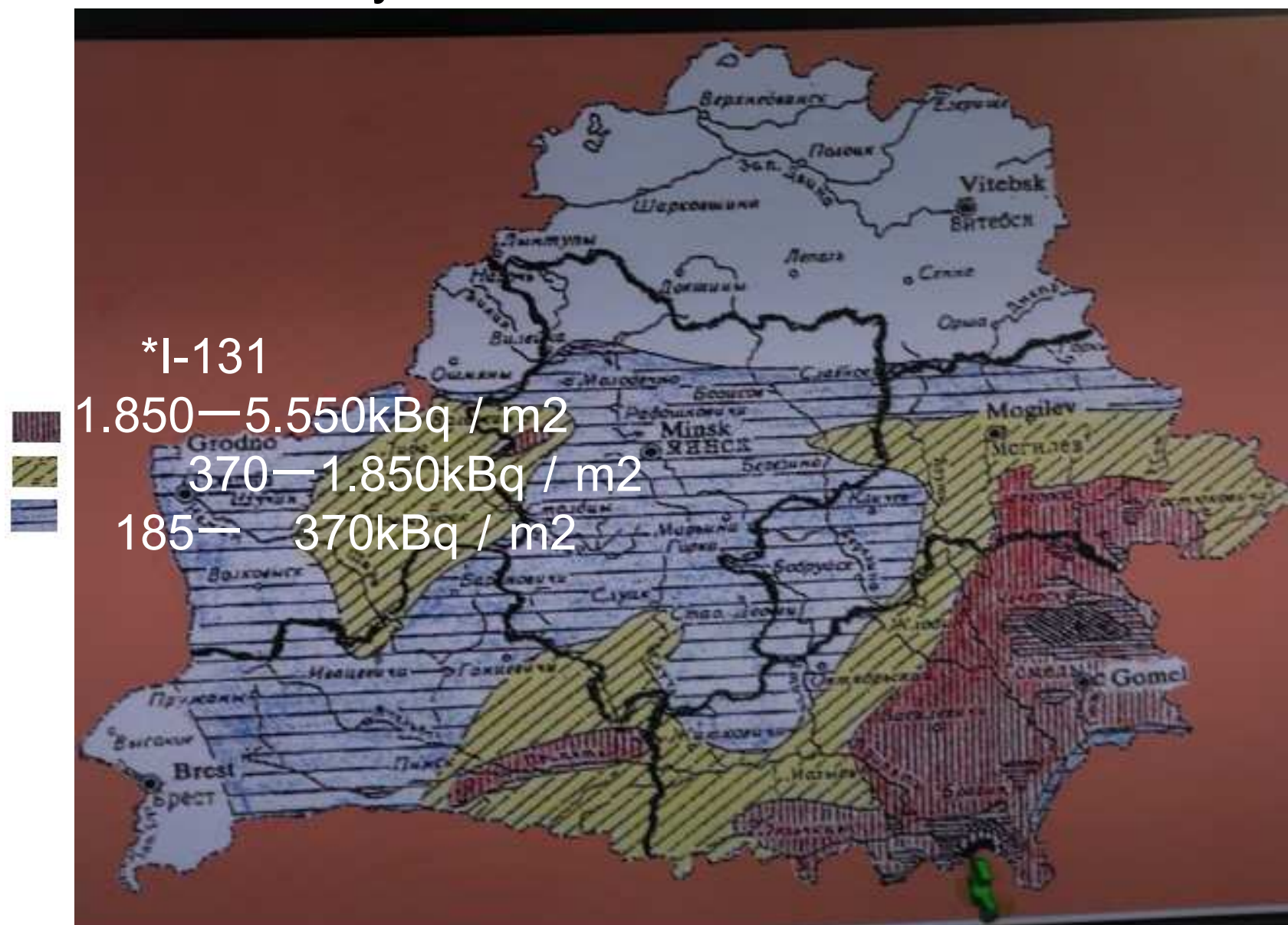


ヨウ素131沈着量 2011年3月11日から3月29日[ベクレル/m²]



【出典】『東京電力福島第一原子力発電所から放出された放射性物質の大気中での挙動に関するシミュレーションの結果について』独立行政法人国立環境研究所 地域環境研究センター 大原利真 森野悠

Reconstruction of I-131 contamination in Belarus May 10, 1986



(National Belarussian Report, 2006)