Food Safety Regulations Implemented Following the Fukushima Nuclear Accident
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1. One Year Chronology

11 March 2011: Fukushima Nuclear Accident
17 March 2011: Setting of Provisional Regulation Values by MHLW (Ministry of Health, Labour and Welfare)
(Commented on June 25) (In effect from May 31)
20 March 2011: Request from MHLW in Food Safety Commission (FSC) for Health Effect Assessment by MHLW
29 July 2011: Public Comment for FSC Draft Report (Resulted in 3,890 comments)
27 October 2011: Report from FSC: Life-time effective dose of approximately 100 mSv has High sensitivity of Infants
28 October 2011: Proposal by Ministers of MHLW: Committed Effective Dose of 1 mSv
27 December 2011: Advisory to Radiation Council of Japan about New Food Safety Regulation by MHLW
6 January 2012: Public Comment for MHLW New Food Safety Regulation (Resulted in 1,877 comments)
16 February 2012: Deliberations Radiation Council of Japan about Proposed New Food Safety Regulation
24 February 2012: Approved by Radiation Working Group of MHLW
1 April 2012 (Schedule): Setting of New Food Safety Regulation Values by MHLW; Committed Effective Dose of 1 mSv

2. Provisional Regulation Values (March 2011-)

<table>
<thead>
<tr>
<th>Category of food and water</th>
<th>Committed Equivalent Dose to Thyroid of 50 mSv/y for Radioiodines, Committed Effective Dose of 5 mSv/y for Radiocesiums</th>
</tr>
</thead>
</table>

- Cereals
- Vegetables except corms, tubers and roots
- Meat, eggs, aquatic products and other foodstuffs
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- Meat, eggs, aquatic products and other foodstuffs

The provisional regulation value for radionuclides in foodstuffs was set from 30 March 2011. The provisional regulation values were revised effective 11 March 2012, and new regulation values became available on 1 April 2012.

4. New Regulation Values (April 2012-)

<table>
<thead>
<tr>
<th>Provisional regulation (March 2011-)</th>
<th>New regulation (April 2012-)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vegetables</td>
<td>500</td>
</tr>
<tr>
<td>Cereals</td>
<td>100</td>
</tr>
<tr>
<td>Meats, eggs, seafood and others</td>
<td>200</td>
</tr>
<tr>
<td>Drinking water</td>
<td>10</td>
</tr>
<tr>
<td>Milk</td>
<td>50</td>
</tr>
</tbody>
</table>

Avertable Dose by New Regulation

4. New Regulation Values (April 2012-)

- Vegetables: 500
- Cereals: 100
- Meats, eggs, seafood and others: 200
- Drinking water: 10
- Milk: 50

5. Proposal of Graded Triphasic Reference Level System

- Exposure category
- Application of graded triphasic reference level system
- Graded triphasic reference level system

6. Monitoring Results of Samples (As of 7 March 2012) on the basis of Provisional Regulation Value

<table>
<thead>
<tr>
<th>Total No.</th>
<th>Excess No.</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Food</td>
<td>121,454</td>
<td>1,549</td>
</tr>
<tr>
<td>Water</td>
<td>78,769</td>
<td>68</td>
</tr>
</tbody>
</table>

7. Categories of water, milk, meat, cereals and other foodstuffs

8. Categories of vegetables and aquatic products