

The main cause of food poisoning bacteria by eating raw meat be a
problem
OCampylobacter
<ul> <li>Most incidents of bacterial food poisoning most since 2003</li> </ul>
Food poisoning bacteria
<ul> <li>Often caused by eating raw meat like chicken and beef liver</li> </ul>
OEnterohemorrhagic E. coli
<ul> <li>in severity concomitant increase hemolytic uremic</li> </ul>
syndrome with encephalopathy may result in death
<ul> <li>enterohemorrhagic E. coli food poisoning in the years</li> </ul>
2003-2009 Case was found to cause the food is all related
to meat
OSalmonella
<ul> <li>Main symptoms of acute gastroenteritis due to food</li> </ul>
poisoning, sometimes lead to death
• Widely distributed in meat and other animal's intestinal tract is
contaminated 食安委提供 <sup>つ</sup>

	infe	ction	
年次	報告数	有症者	有症者割合(%)
2000	3,648	2,265	62.1
2001	4,435	2,943	66.4
2002	3,183	1,994	62.6
2003	2,999	1,623	54.1
2004	3,764	2,551	67.8
2005	3,589	2,426	67.6
2006	3,922	2,515	64.1
2007	4,617	3,083	66.8
2008	4.321	2,818	65.2
	3,889	2,607	67.0

coli food poisoning									
	0157			O26			0111		
年	件数	患者数	死者数	件数	患者数	死者数	件数	患者数	死者数
1996	87	10,322	8	2	7	0	4	76	0
1997	25	211	0	14	14	0	7	7	0
1998	13	88	3	1	88	0	2	7	0
1999	6	34	0	0	0	0	1	4	0
2000	14	110	1	1	1	0	1	2	0
2001	24	378	0	0	0	0	0	0	0
2002	12	259	9	0	0	0	0	0	0
2003	10	39	1	1	141	0	0	0	0
2004	18	70	0	0	0	0	0	0	0
2005	24	105	0	0	0	0	0	0	0
2006	23	166	0	1	13	0	0	0	0
2007	25	928	0	0	0	0	0	0	0
2008	17	115	0	0	0	0	0	0	0
2009	26	181	0	0	0	0	0	0	0
2010	27	358	0	0	0	0	0	0	0

Cause food groups	Number	Cause Facility	Number	
Grilled meat etc.	36	Restaurant	32	
		Other	2	
Lever	18	Restaurant	15	
		Home	2	
		Shop	1	
Eaten raw meat	8	Restaurant	3	
		Unknown	1	
Hamburger/ steak	4	Restaurant	3	
		Unknown	1	
Viscera	3	Restaurant	2	
		Unknown	1	
Other	1	Home	1	
Unknown	69	Restaurant	56	
		Home	3	
		Side shop	4	
		Office	1	
		School	1	
		Hotel Other	1	
		Unknown	1	
	1		2	



Eaten raw meat (beef) in Food and Health Impact Assessment (August 23) Overview







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## Features of this risk assessment

- FSO and PO set at the level of severity, microbiological standards
   Processing standards, but it does not actually heat the edible portion is not →Reduction of pathogenic microorganisms simply obtained by heat treatment, can not directly estimate the risk reduction
- Realistically microbiological confirmation is not possible level
   Instead of indicator bacteria found in the presence of heat, microbiological testing to ensure that they meet at the PO
- "MicroorganismStandard "and "process standards" set of management







Thank you for your attention.