FOOD POISONING CASES IN MALAYSIA

- 12,122 food poisoning cases were reported nationwide from January to October 2014 (7)
- March 2014 - A RM51,781 fine was given to a restaurant for serving contaminated food (9)

COMMON FACTORS LEADING TO FOOD CONTAMINATION

- Lack of sanitation (Wastes that are not diligently cleared will attract pest)
- Pest infestations
- Cross contamination

SANITATION PRACTICES AS PART OF RENTOKIL INTEGRATED PEST MANAGEMENT (IPM)

- Executing effective sanitation plan is an essential part of IPM to eliminate pest breeding and harbourage areas both inside and outside of the premises.

GOOD HOUSEKEEPING, SANITATION AND PROPER DISPOSAL PROCESSES HELP REDUCE PEST INFESTATION IN YOUR PREMISES.

FOOD BORNE ILLNESSES COST US $3.6 BILLION = RM 12.2 BILLION

COMMON PATHOGENS LEADING TO FOOD CONTAMINATION

- Salmonella
- Listeria
- Norovirus

- Incidence Rate (by 100,000 population)

<table>
<thead>
<tr>
<th>Pathogen</th>
<th>Incidence</th>
<th>US$ Equivalent</th>
<th>RM Equivalent</th>
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<tbody>
<tr>
<td>Salmonella</td>
<td>76 million illnesses</td>
<td>3.6 billion</td>
<td>12.2 billion</td>
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<tr>
<td>Listeria</td>
<td>325,000 hospitalisation cases</td>
<td>2.8 billion</td>
<td>9.4 billion</td>
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<tr>
<td>Norovirus</td>
<td>5,000 deaths</td>
<td>2.5 billion</td>
<td>8.5 billion</td>
</tr>
</tbody>
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ECONOMIC COST ANNUALLY

- Increased by 6% (47.79% in 2013 compared to 44.93% in 2012)

- March 2014 - Salmonella bacteria took the life of a 5 year old boy at Kuala Terengganu (8)
- March 2014 - Norovirus - 12,122 food poisoning cases were reported nationwide from January to October 2014 (7)
- March 2014 - A RM51,781 fine was given to a restaurant for serving contaminated food (9)

- Salamone: Common cause of gastroenteritis
  - Health symptoms: vomiting, diarrhoea, cramps and mild fever
  - Incubation period: 1 to 2 days (4)
- Listeria: Common cause of meningitis and encephalitis
  - Health symptoms: fever, headache, diarrhoea and vomiting
  - Incubation period: 2 to 60 days
- Norovirus: Primary cause of gastrointestinal illness
  - Health symptoms: vomiting, diarrhoea, cramps and fever
  - Incubation period: 1 to 2 days

- CDC: http://www.cdc.gov/vitalsigns/listeria/
- Hotel licensee fined over food poisoning: http://www.thestar.com.my/News/Regional/2014/03/01/Hotel-licensee-fined-over-food-poisoning/