2016 Highlights

- 3,574 Yellow Cards submitted via MiDatabank since 2011
- 1,073 reports since summer 2015, that’s a 43% increase
- 2,282 (64%) reactions have been classed as serious
- 15 new centres reporting since summer 2015

An upward trend!
- The number of Yellow Cards received from hospital pharmacists has almost tripled between 2011 and 2015.
- In 2015, hospital pharmacist Yellow Cards accounted for 16% of all healthcare professional reports (2nd largest proportion)
- The majority of hospital pharmacist reporting is electronic, with 31% reported directly via MiDatabank and 56% via the Yellow Card website (www.mhra.gov.uk/yellowcard).
- In 2015 hospital pharmacist electronic reporting increased by approximately 40% compared to 2014.
- A huge ‘THANK YOU’ to all reporters for your contributions to the Yellow Card Scheme – you are helping to make medicines safer.
Have you downloaded the Yellow Card app?

Download the app free via 

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PlayStore [Yellow Card](#) for Android devices.

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**Top 20 Drug/reaction combinations 2011 – 2016**

<table>
<thead>
<tr>
<th>Drug Name</th>
<th>Reaction</th>
<th>MiDB reports</th>
</tr>
</thead>
<tbody>
<tr>
<td>Omeprazole</td>
<td>Hyponatraemia</td>
<td>24</td>
</tr>
<tr>
<td>Warfarin</td>
<td>INR increased</td>
<td>21</td>
</tr>
<tr>
<td>Bendroflumethiazide</td>
<td>Hyponatraemia</td>
<td>18</td>
</tr>
<tr>
<td>Aspirin</td>
<td>Melaena</td>
<td>17</td>
</tr>
<tr>
<td>Serrazine</td>
<td>Hyponatraemia</td>
<td>17</td>
</tr>
<tr>
<td>Fluoxetine</td>
<td>Diarrhoea</td>
<td>14</td>
</tr>
<tr>
<td>Citalopram</td>
<td>Hyponatraemia</td>
<td>13</td>
</tr>
<tr>
<td>Co-amoxiclav</td>
<td>Diarrhoea</td>
<td>13</td>
</tr>
<tr>
<td>Furosemide</td>
<td>Acute Kidney injury</td>
<td>13</td>
</tr>
<tr>
<td>Citalopram</td>
<td>ECG QT Prolonged</td>
<td>12</td>
</tr>
<tr>
<td>Optiray</td>
<td>Rash</td>
<td>12</td>
</tr>
<tr>
<td>Amoxicillin</td>
<td>Diarrhoea</td>
<td>11</td>
</tr>
<tr>
<td>Aspirin</td>
<td>Haematemesis</td>
<td>11</td>
</tr>
<tr>
<td>Warfarin</td>
<td>Drug interaction</td>
<td>11</td>
</tr>
<tr>
<td>Aspirin</td>
<td>GI haemorrhage</td>
<td>10</td>
</tr>
<tr>
<td>Aspirin</td>
<td>Upper Gl haemorrhage</td>
<td>10</td>
</tr>
<tr>
<td>Bisoprolol</td>
<td>Bradycardia</td>
<td>10</td>
</tr>
<tr>
<td>Lansoprazole</td>
<td>Hyponatraemia</td>
<td>10</td>
</tr>
<tr>
<td>Warfarin</td>
<td>GI haemorrhage</td>
<td>10</td>
</tr>
<tr>
<td>Furosemide</td>
<td>Hyponatraemia</td>
<td>9</td>
</tr>
</tbody>
</table>

*Excluding C. difficile reactions*

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**What else is being reported via MiDatabank?**

**New oral anticoagulants**

160 reactions

Reactions not obviously related to thrombosis or haemorrhage included:

- Dyspnoea (10)
- Dizziness (10)
- Diarrhoea (9)
- Paraesthesia (6)
- Pain in extremity (6)
- Fatigue (5)
- Blurred vision (4)
- Pruritis (4)
- Eyelid/periorbital oedema (4)

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**Acute Kidney Injury**

- 96 reports since 2011 (40 since August 2015)
- 142 suspected drugs, of these
  - 18 loop diuretics
  - 16 ACE inhibitors
  - 13 NSAIDs/aspirin
  - 20 antibiotics
    - 8 trimethoprim
    - 7 spironolactone
    - 6 ARBs

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**Donepezil and QT prolongation**

Signal contribution from an MiDatabank report

- EMA identified possible signal
- Company and member state informed
- Signal review undertaken by MHRA using Yellow Card reports
- MiDatabank report identified and included as part of this review.

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