Campylobacteriosis Laboratory Testing

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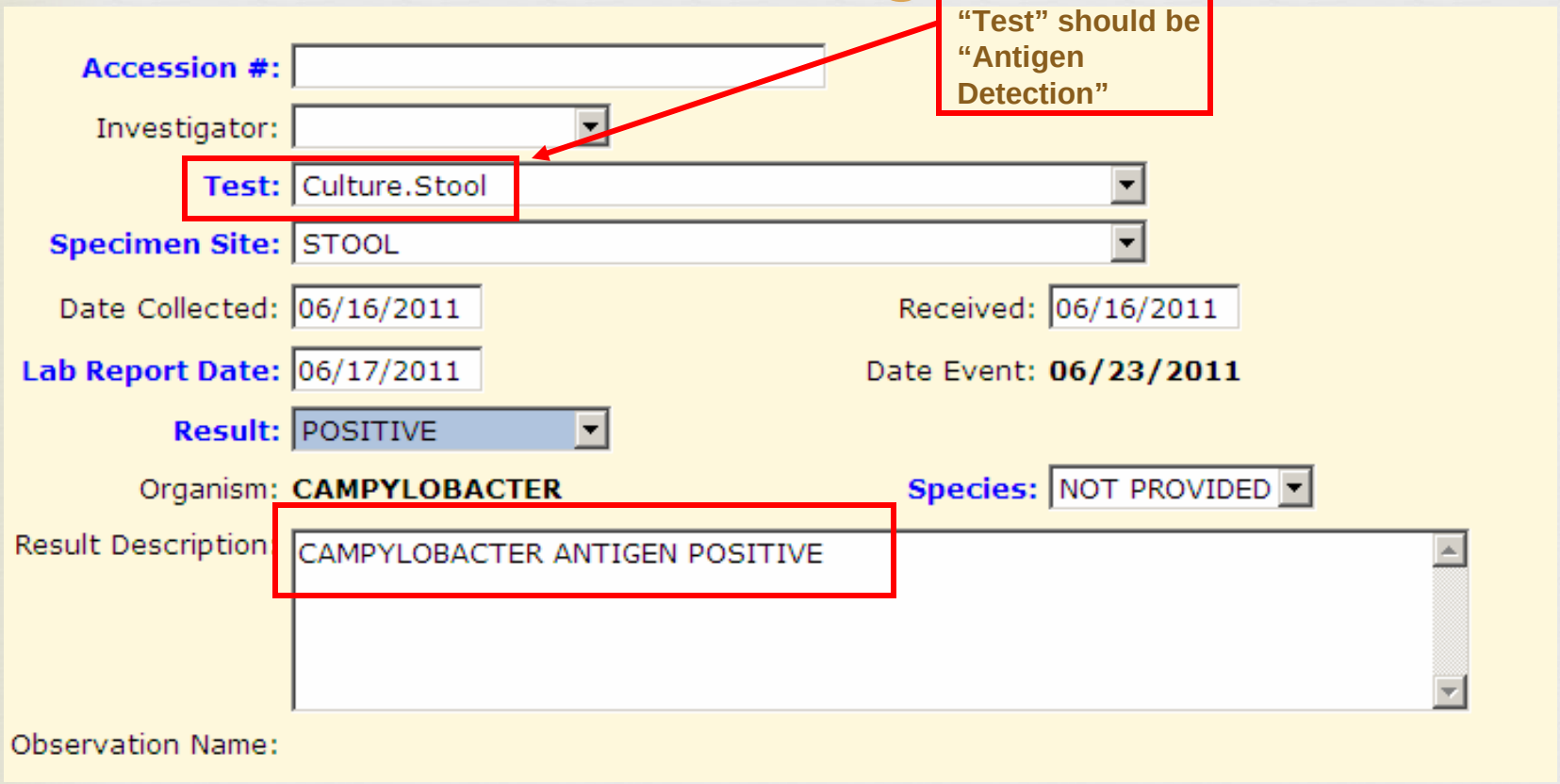
2011 Cases

- Report date= Jan 1, 2011 to June 27, 2011
- 1,056 reported cases of campylobacteriosis associated with 1,120 attached laboratory results
- 203 total errors
- 18% error rate

Types & Frequencies of Errors

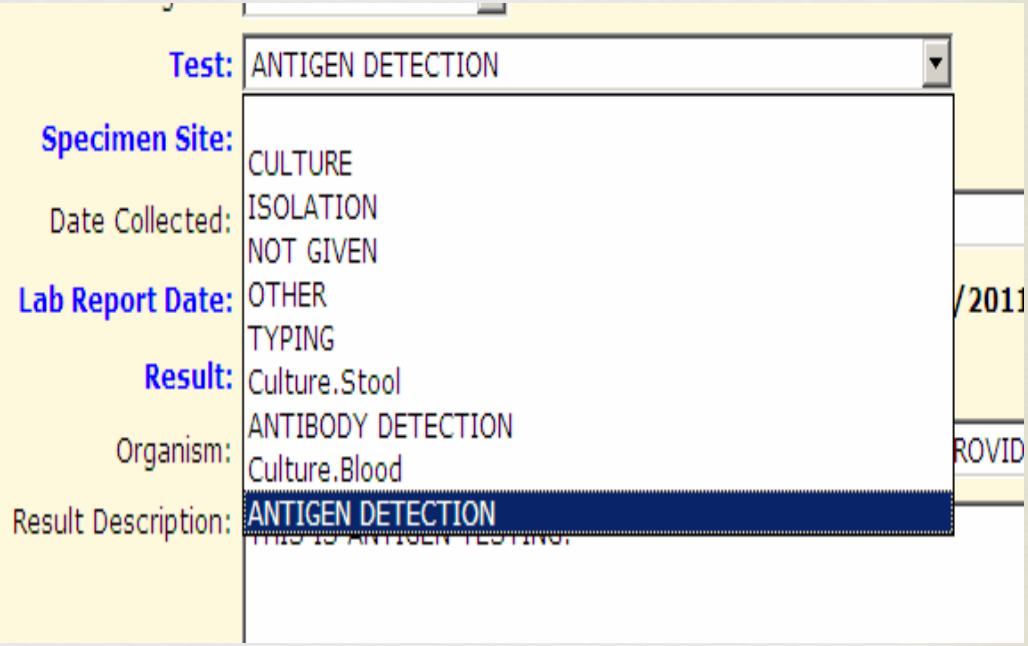
- "Test" ≠ "Result Description": 126/203 ~ **62%**
- "Test" ≠ "Dx Status" : 70/203 ~ **34%**
- "Outbreak Status" ≠ "Sporadic": 7/203 ~ **3%**
  - **Probable + No attached lab = "Outbreak Associated"**

Test ≠ Result Description



Indication of Antigen Testing in Multiple Ways

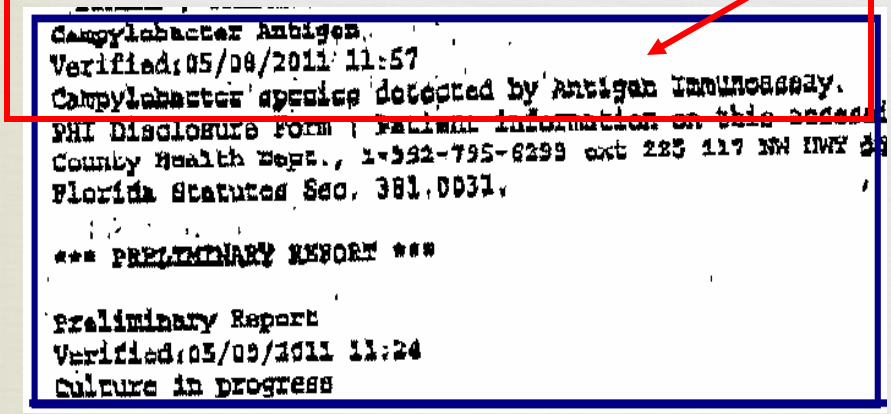
- "Campy by EIA" Final
- "Positive by Campylobacter AG"
- "Detected by EIA"
- "Presence of Campylobacter Antigen"
- "Campylobacter Antigen Positive"
- "Campylobacter Antigen Detected"
- "Campylobacter Antigen in Stool"
- "Campylob.Ag"



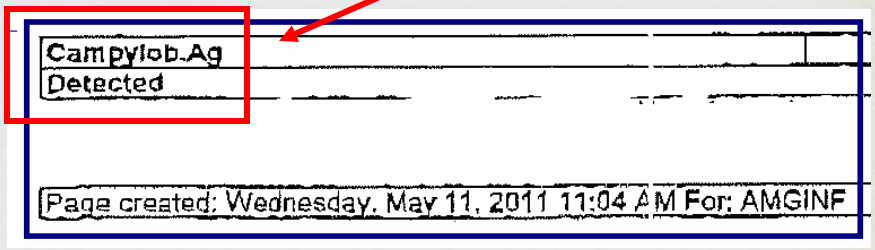
EIA Antigen Lab Examples

Antigen=EIA

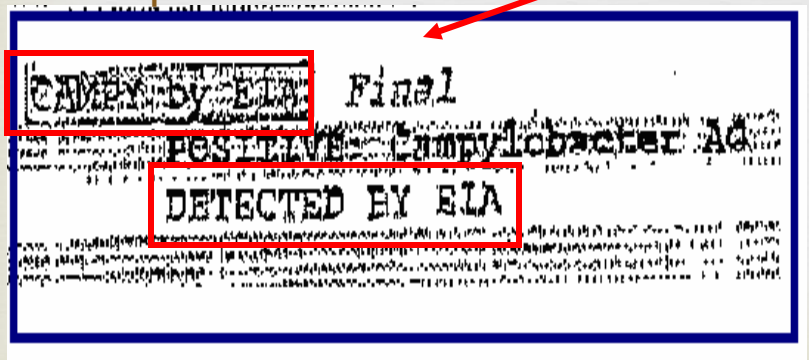
Example 1



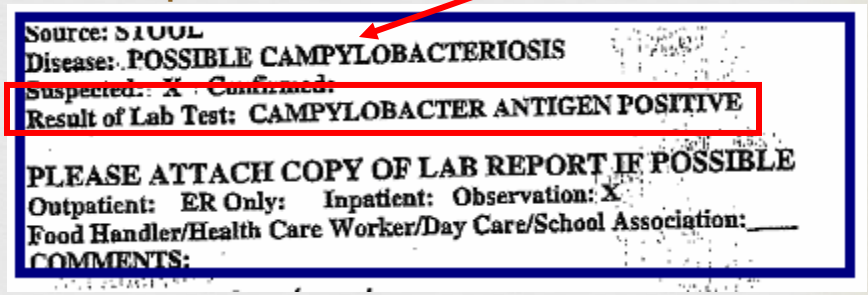
Example 2



Example 3



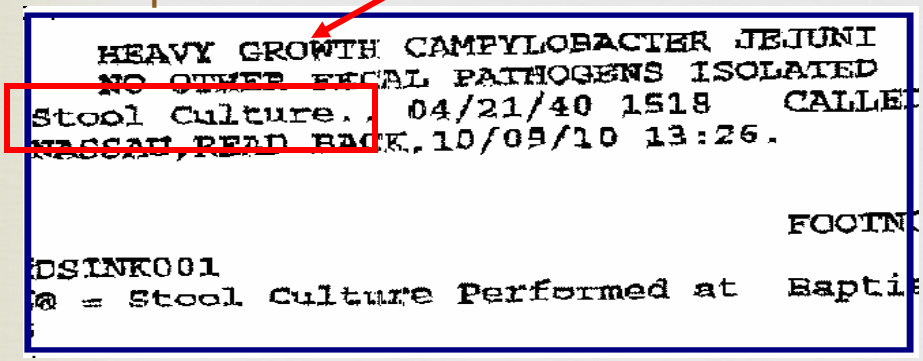
Example 4



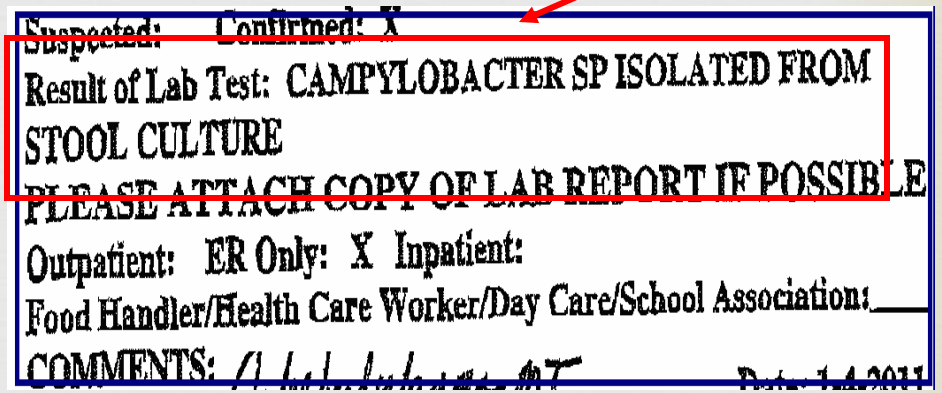
Culture Lab Examples

Culture=Isolation

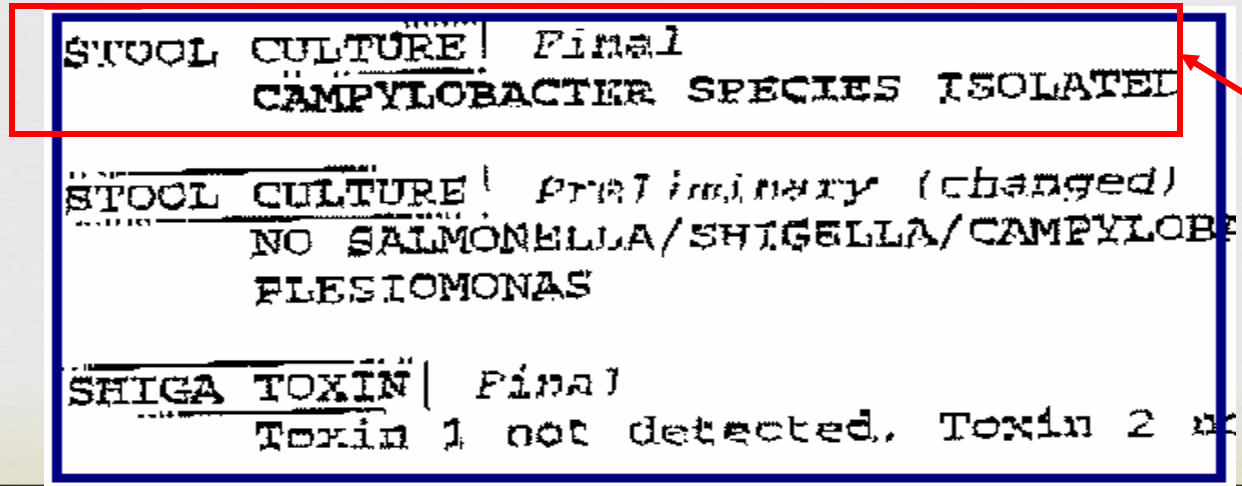
Example 1



Example 2



Example 3

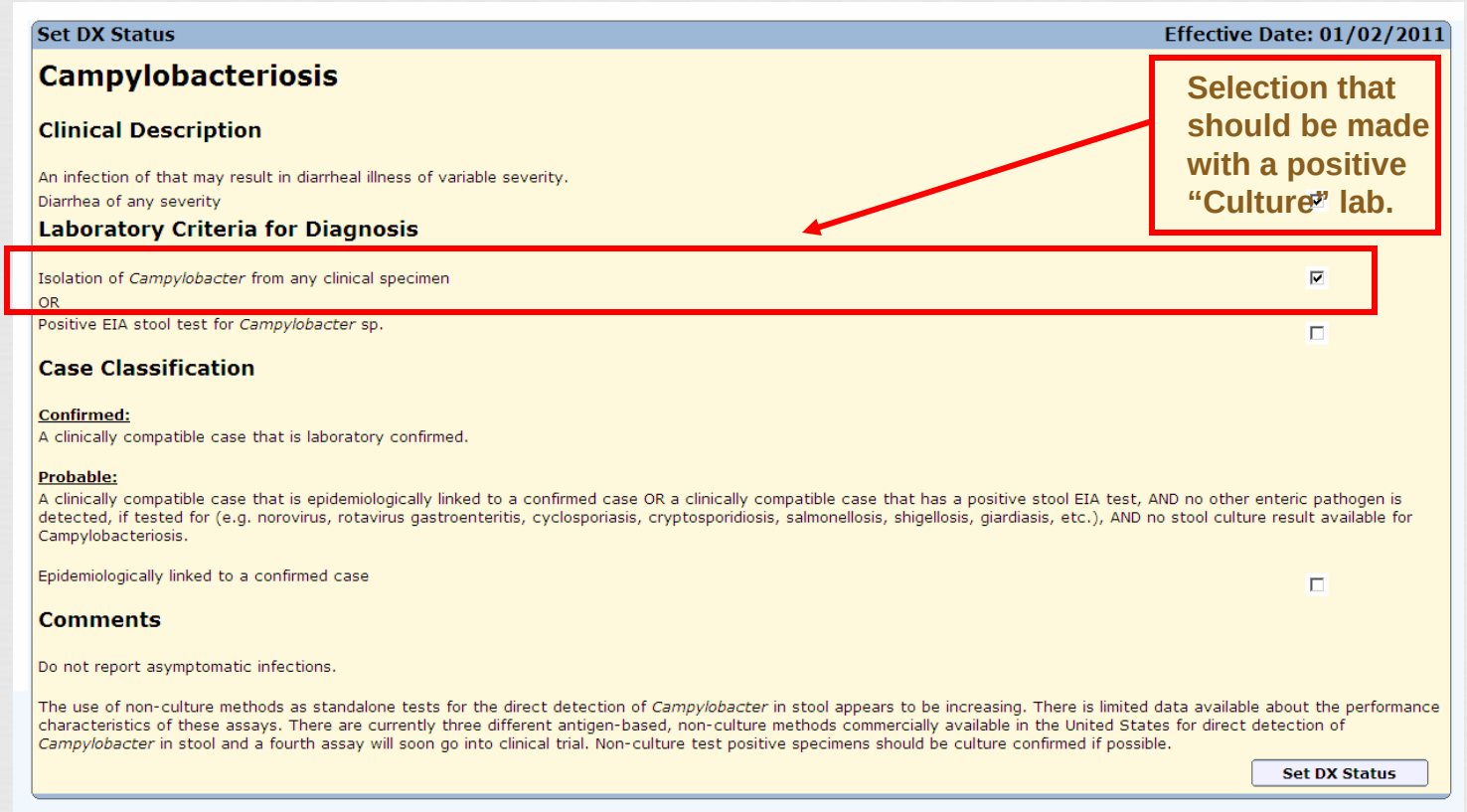


Improving "Dx Status"

- Laboratory tests received typically indicate "Antigen" or "Culture"

- Culture=Isolation
- Antigen=EIA

"Culture" corresponds with "Isolation of *Campylobacter* from any clinical specimen"



"Antigen" corresponds with "Positive EIA stool test for *Campylobacter* sp."