E-CONNECTIVITY FOR RURAL AMERICA

Measures of Digital Distress\(^1\)
- High percent of homes not subscribing to the internet or subscribing only through a cellular plan
- High percent of homes with no computing devices or relying on mobile devices

Data measuring Digital Distress (including margins of error)
1. Total households 8,116 households ± 191
2. Percent of homes with a cellular data only subscription 6.3% ± 1.8%
3. Number of households with a cellular data only subscription 514 households ± 147
4. Percent of homes with no internet access (not subscribing) 34.6% ± 3.5%
5. Percent of homes relying only on mobile devices 10.9% ± 1.8%
6. Percent of homes not owning a computing device 19.7% ± 2.5%
7. Number of homes not owning a computing device 1,597 households ± 206

Source: American Community Survey 2012-2017, Table S2801; [http://factfinder.census.gov](http://factfinder.census.gov)

Farm Internet Use:

<table>
<thead>
<tr>
<th>Internet Type</th>
<th>Dialup</th>
<th>Fiber Optic</th>
<th>Unknown or Other</th>
<th>Cable</th>
<th>Satellite</th>
<th>DSL</th>
<th>Mobile</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td><img src="#" alt="Dialup" /></td>
<td><img src="#" alt="Fiber Optic" /></td>
<td><img src="#" alt="Unknown or Other" /></td>
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<td><img src="#" alt="Satellite" /></td>
<td><img src="#" alt="DSL" /></td>
<td><img src="#" alt="Mobile" /></td>
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<tr>
<td>2017</td>
<td><img src="#" alt="Dialup" /></td>
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<td><img src="#" alt="Satellite" /></td>
<td><img src="#" alt="DSL" /></td>
<td><img src="#" alt="Mobile" /></td>
</tr>
</tbody>
</table>

Source: Census of Agriculture 2017, Chapter 2, Table 45
[https://www.nass.usda.gov/Quick_Stats/CDQT/chapter/2/table/45Worker](https://www.nass.usda.gov/Quick_Stats/CDQT/chapter/2/table/45Worker)

Productivity (GDP per worker)

2015

<table>
<thead>
<tr>
<th></th>
<th>2012</th>
<th>2013</th>
<th>2014</th>
<th>2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>All sectors</td>
<td>Bourbon Co</td>
<td>KY</td>
<td>Bourbon Co</td>
<td>KY</td>
</tr>
<tr>
<td>All sectors</td>
<td>$38,116</td>
<td>$143,058</td>
<td>$39,585</td>
<td>$151,252</td>
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<tr>
<td>Goods Producing</td>
<td>$84,359</td>
<td>$97,315</td>
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</tr>
</tbody>
</table>

GDP output and number of personnel data available at: [https://www.bea.gov/data/gdp/gdp-county](https://www.bea.gov/data/gdp/gdp-county)
Goods producing includes agriculture, forestry, mining, construction, and manufacturing
Maximum Advertised Speeds - FCC

Due to FCC data limitations, these data are designed as a descriptive and pragmatic tool and are not intended to be comprehensive.

Digital Divide Index – Purdue Center for Regional Development

Source: https://broadbandmap.fcc.gov/#/