### Net Impacts of Akron Children’s Hospital in 2017

<table>
<thead>
<tr>
<th>County</th>
<th>Jobs</th>
<th>GDP (millions)</th>
<th>Output (millions)</th>
<th>Personal Income (millions)</th>
</tr>
</thead>
<tbody>
<tr>
<td>State of Ohio</td>
<td>10,696</td>
<td>$875 million</td>
<td>$1.5 billion</td>
<td>$598 million</td>
</tr>
<tr>
<td>Summit County</td>
<td>5,869</td>
<td>$474 million</td>
<td>$810 million</td>
<td>$224 million</td>
</tr>
<tr>
<td>Mahoning Valley</td>
<td>1,378</td>
<td>$105 million</td>
<td>$182 million</td>
<td>$74 million</td>
</tr>
<tr>
<td>Stark County</td>
<td>768</td>
<td>$57 million</td>
<td>$96 million</td>
<td>$72 million</td>
</tr>
</tbody>
</table>

### Impressive 5 Year Economic Growth

<table>
<thead>
<tr>
<th></th>
<th></th>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Employment</td>
<td>7,309</td>
<td>8,145</td>
<td>8,474</td>
<td>9,398</td>
<td>10,696</td>
</tr>
<tr>
<td>Output (millions)</td>
<td>1.014</td>
<td>1.13</td>
<td>1.175</td>
<td>1.302</td>
<td>1.483</td>
</tr>
<tr>
<td>GDP (millions)</td>
<td>599</td>
<td>697</td>
<td>694</td>
<td>769</td>
<td>875</td>
</tr>
<tr>
<td>Personal Income (millions)</td>
<td>410</td>
<td>497</td>
<td>475</td>
<td>526</td>
<td>598</td>
</tr>
</tbody>
</table>
Akron Children's: An economic engine for Ohio

Akron Children's Hospital contributes nearly 11,200 Ohio jobs that wouldn't have been created or retained without our hospital system. In 2017, these jobs helped to increase personal income by nearly $600 million statewide. Additionally, the hospital's economic impact helped to increase Ohio gross domestic product (GDP) by $875 million leading to an increase in gross economic output of $1.5 billion.

As a major employer, Akron Children's creates jobs through direct employment as well as through secondary employment as our employees spend their paychecks at businesses and professional services in Ohio. We also create jobs and income through facility improvements, construction and expansion projects – aimed to create more access for patient visits. From 2013 through 2017, Akron Children's invested $281 million in construction activity.

Akron Children's also supports the economy of Ohio through community benefit in the form of:

- Free and subsidized health care
- Research, advocacy and community partnerships
- Community programs and services
- Health professional education

This community benefit totaled $133 million in 2017. We are deeply connected to our community and our 6,000 employees donate critical resources and time, supplying thousands of hours of volunteer service to help build stronger, healthier communities for the families we serve.

Employment is comprised of three elements: direct employment created by actual investment, growth, or change, indirect employment created by the need of the new firm to purchase goods and services, essentially the local supply chain, and induced employment, which supplies goods and services to those in the prior two elements.

Gross domestic product (GDP) is an economic measure of the value of goods and services produced within the United States. It is the broadest measure of economic activity within a region or country, and consists of compensation of employees, taxes on production and imports, less subsidies, and gross operating surplus. It is a measure of the value labor and capital contribute to production.

Gross output includes both GDP and expenditures on intermediate inputs. It is a statistical tool to understand the interrelationships between industries, and is principally a measure of an industry’s sales or receipts. For the purposes of this model, the sales and receipts are aggregated at the national level.

Income is the goods and services produced by citizens and residents of the United States (i.e., gross national product) minus the consumption of fixed capital (i.e., depreciation).
The Economic Impacts of Akron Children’s Hospital

Akron Children’s Hospital is an economic engine for Ohio – contributing significantly to our state and local economies. As the city of Akron’s third largest employer and one of the 70 largest employers in Ohio, the economic impact of Akron Children’s Hospital has grown impressively in all of the Ohio regions we serve. While most of our patient families live in northeast Ohio, our service area extends much farther, with our reputation drawing families from other states and internationally.

This report provides a snapshot of our impact on state and local economies and demonstrates our commitment to improving the health of families and communities at every level.

About Akron Children’s

• Five and nationally ranked health care
• Research, advocacy and community partnerships
• Community programs and services
• Health professional education

Akron Children’s is the largest pediatric health care provider in northeast Ohio and ranked among the best children’s hospitals in the country. But it’s our compassionate approach to treatment and our dedication to our patient families in the communities we touch that makes us truly exceptional. To ensure families have convenient access to care, we operate two hospital campuses in northeast Ohio and more than 60 primary, specialty and urgent care locations throughout the region. Last year alone, we treated over 250,000 patients in northeast Ohio – contributing significantly to our state and local economies. As the city of Akron’s third largest employer and one of the 70 largest employers in Ohio, the economic impact of Akron Children’s Hospital has grown impressively in all of the Ohio regions we serve.

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About the Report

Akron Children’s Hospital worked with Kent State University (KSU) and the W. E. Upjohn Institute for Employment Research (Upjohn) to estimate the impacts of our activities and values on greater Akron, our 25 county service area and the state of Ohio. The KSU-Upjohn team used several sources to provide estimates of Akron Children’s impact, including revenue data and location of services provided and patient families. Location-based employment data and vendor data were also included.

As with most economic impact studies, this study focuses on four main economic outcome variables, including jobs created or retained, change in gross domestic product (GDP), change in income and change in output. The Regional Economic Models, Inc. (REMI) model generates these outcomes for Akron, our 25 county service area and the state of Ohio. The REMI model generates three outcomes for the national economy using survey responses as inputs. Each variable is described in this section.

The estimated number of jobs created or retained is comprised of three elements, direct employment created by actual investment, growth, or change; indirect employment created by the need to purchase goods and services, essentially the local supply chain; and induced employment, which supplies goods and services to those in the prior two elements.

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## Regional Impacts

- Summit ....................... $810 Million
- Stark ......................... $96 Million
- Medina ........................ $44 Million
- Portage ....................... $33 Million
- Cuyahoga ..................... $131 Million
- 4 Counties ..................... $28 Million
  - Ashland, Crawford, Huron and Richland
- Columbiana .................. $7 Million
- Mahoning ...................... $140 Million
- Trumbull ...................... $50 Million
- 4 Counties ..................... $5 Million
  - Carroll, Jefferson, Guernsey and Jefferson
- Tuscarawas ................... $18 Million
- Wayne + Holmes ............. $17 Million

## Net Impacts of Akron Children’s Hospital in 2017

<table>
<thead>
<tr>
<th>County</th>
<th>Jobs</th>
<th>GDP Output</th>
<th>Retail</th>
<th>Personal Income</th>
</tr>
</thead>
<tbody>
<tr>
<td>State of Ohio</td>
<td>10,696</td>
<td>$875 million</td>
<td>$1.5 billion</td>
<td>$598 million</td>
</tr>
<tr>
<td>Summit County</td>
<td>5,869</td>
<td>$474 million</td>
<td>$810 million</td>
<td>$224 million</td>
</tr>
<tr>
<td>Mahoning Valley</td>
<td>1,378</td>
<td>$105 million</td>
<td>$182 million</td>
<td>$74 million</td>
</tr>
<tr>
<td>Stark County</td>
<td>768</td>
<td>$57 million</td>
<td>$95 million</td>
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## Impressive 5 Year Economic Growth

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<tr>
<td>Total Employment</td>
<td>7,309</td>
<td>8,145</td>
<td>8,474</td>
<td>9,398</td>
<td>10,696</td>
</tr>
<tr>
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<td>1.014</td>
<td>1.13</td>
<td>1.175</td>
<td>1.302</td>
<td>1.483</td>
</tr>
<tr>
<td>GDP (millions)</td>
<td>599</td>
<td>687</td>
<td>694</td>
<td>769</td>
<td>875</td>
</tr>
<tr>
<td>Personal Income (millions)</td>
<td>410</td>
<td>457</td>
<td>475</td>
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</table>
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This report was prepared for Akron Children’s Hospital (ACKH) and the Ohio University (OU) Upjohn Institute for Employment Research (Upjohn) to estimate the impacts of our activities and vendors on greater Akron, our 20 county service area and the state of Ohio. The OU-Upjohn team used several sources to produce estimates of Akron Children’s impact, including revenue data and location of services provided and patient families. Location-based employment data and vendor data were also included.

As with most economic impact studies, this study focuses on four main economic outcomes variables, including jobs created or retained, change in gross domestic product (GDP), change in income and change in output. The Regional Economic Models, Inc. (REMI) model generates these outcomes for the national economy using survey responses as inputs. Each variable is described in this section.

The estimated number of jobs created or retained by vendor expenditures, both on and off site, are counted by the U.S. Bureau of Economic Analysis BEA and are either full or part-time positions and distributed across a number of industries.
Regional Impacts

- Summit .................. $810 Million
- Stark ...................... $96 Million
- Wayne + Holmes ...... $17 Million
- Portage .................. $32 Million
- Cuyahoga ................. $131 Million
- Cuyahoga ................ $28 Million
- Columbiana .............. $7 Million
- Mahoning ................. $140 Million
- Trumbull ................ $30 Million
- 4 Counties ............... $5 Million
- Carroll, Jefferson, Holmes and Jefferson
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Impressive 5 Year Economic Growth

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<tbody>
<tr>
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<td>8,474</td>
<td>9,398</td>
<td>10,696</td>
</tr>
<tr>
<td>Output (millions)</td>
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<td>1.13</td>
<td>1.175</td>
<td>1.302</td>
<td>1.483</td>
</tr>
<tr>
<td>GDP (millions)</td>
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<td>667</td>
<td>694</td>
<td>760</td>
<td>875</td>
</tr>
<tr>
<td>Personal Income (millions)</td>
<td>410</td>
<td>457</td>
<td>475</td>
<td>526</td>
<td>598</td>
</tr>
</tbody>
</table>