



# RAFT Data Warehouse

West Virginia Department of  
Health and Human Resources



# What is RAPIDS?

RAPIDS (Recipient Automated Payment and Information Data System) is West Virginia's integrated automated benefit eligibility system for administering federal public assistance programs at the state level. This includes, but is not limited to:

- WV WORKS (TANF)
- Work Programs
- Supplemental Nutrition Assistance Program (SNAP)
- Disaster Supplemental Nutrition Assistance Program (D-SNAP)
- SNAP Employment and Training Program
- Medicaid \*Eligibility\*
- Children's Health Insurance Program (CHIP) \*Eligibility\*
- Low Income Energy Assistance Program (LIEAP)
- Non-Emergency Medical Transportation
- WV School Clothing Allowance
- Emergency Assistance
- Refugee Assistance

RAPIDS also has 27 interfaces and data exchanges with various federal and state agencies.

# What is RAFT?

**RAFT** (*Reporting and Formatting Tool*) is West Virginia's integrated eligibility data warehouse and analytic platform that extracts, transforms and loads individual/case demographic, eligibility and benefit information from RAPIDS to support worker and management level reporting.

# RAFT Business Drivers

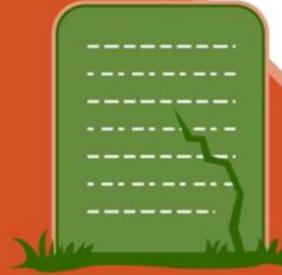
## USABILITY

- Dependency on the technical team



## PRESENTATION

- Static
- Inflexible



## TIMELINESS

- Batch-processed
- Time-consuming ad-hoc report creation via SQL



## COST

- Time
- Resources
- Transactional



# RAFT Benefits

## USABILITY

- Rich graphical user interface
- Point and click, drag and drop, user-friendly environment

## TIMELINESS

- 24/7 availability
- Scheduled reporting options

## BUSINESS ANALYSIS CAPABILITIES

- Simple and intuitive
- Single point of access

## PRESENTATION

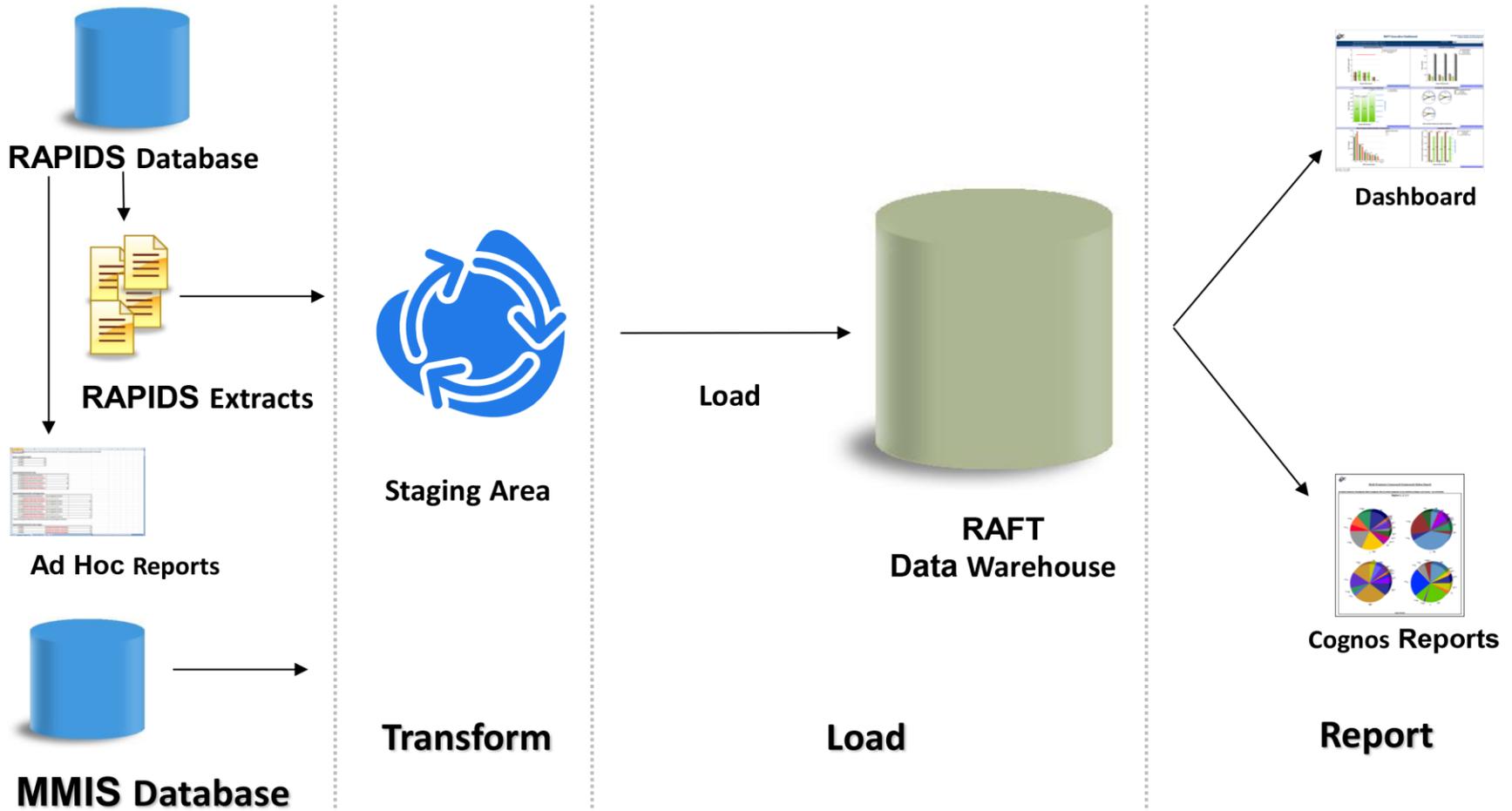
- PDF, Excel, HTML report formats
- Interactive OLAP cubes

## ACCESSIBILITY

- 100% “thin client” – web-based
- Technical team independent



# RAFT Architecture

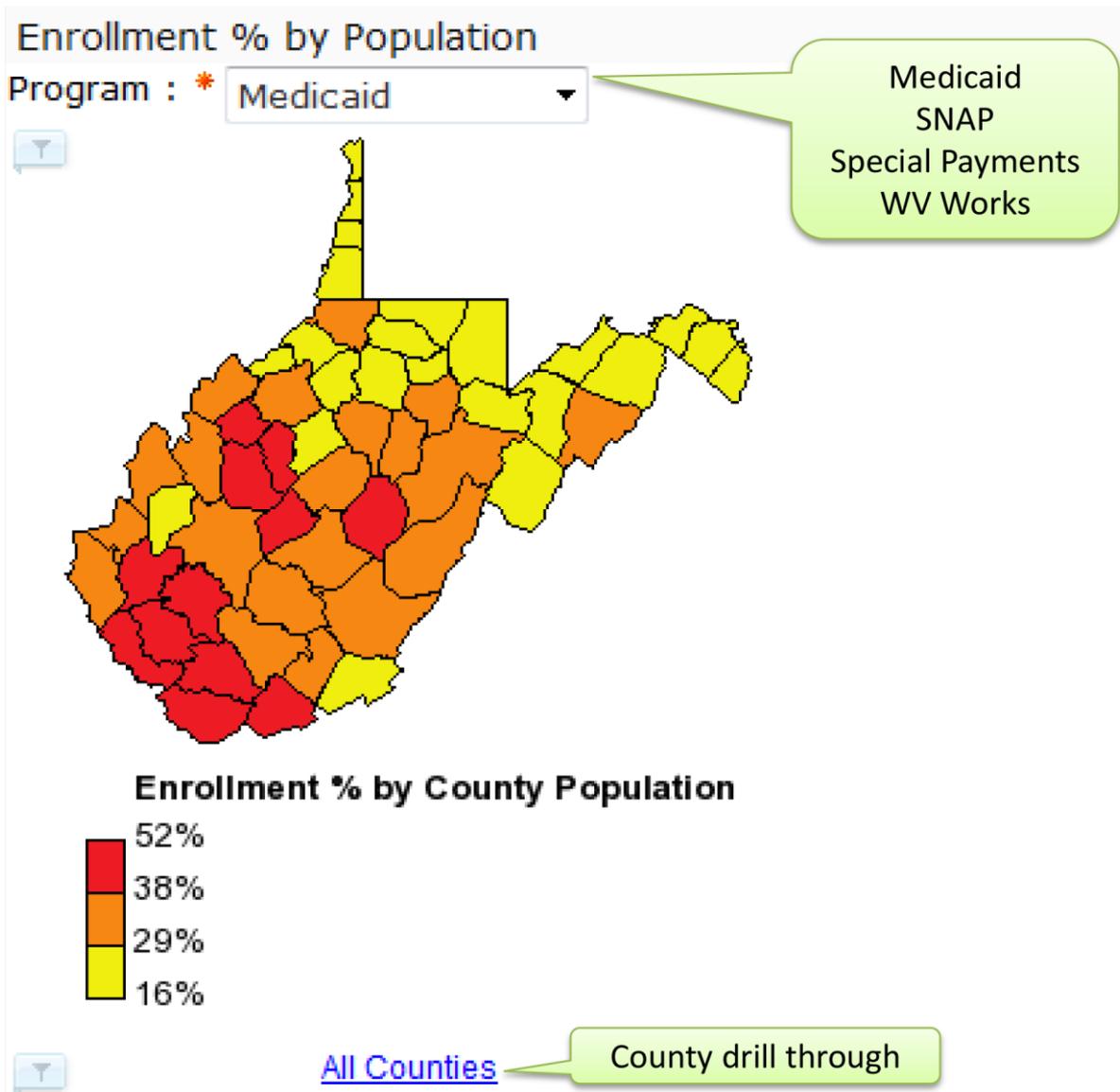


# Data Extract/Load Frequency

| Frequency | Content Type  | Data Load  |
|-----------|---|--|
| Monthly   | Eligibility, expenditures, case, individual, worker, etc. (main load)                             | 1 <sup>st</sup> business day of the month                            |
| Monthly   | Work Participation, presumptive eligibility   | 2 <sup>nd</sup> business day of the month                            |
| Monthly   | Data exchange   | 3 <sup>rd</sup> business day after 15 <sup>th</sup> day of the month |
| Monthly   | Medicaid reviews  | Monday after 2 <sup>nd</sup> Friday of the month                     |
| Monthly   | Medicaid expenditure  | Processed after confirmation with WV DHHR DBA team                   |
| Weekly    | Weekly appointments, SCA voucher, worker activity, work participation, application aging, and EBT | Every Monday   |
| Weekly    | Data Exchange Alerts  | Every Thursday   |

# RAFT Highlights

# Enrollment % by Population (WV Map)



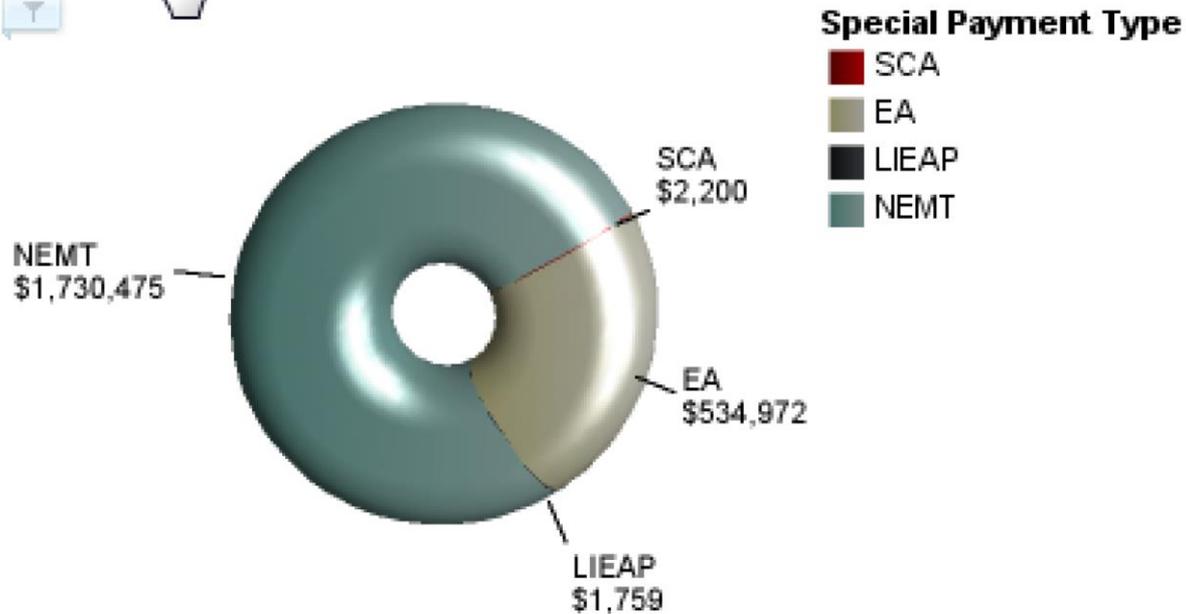
# Enrollment WV Map - Drill Through

## Detail Eligibility by County with Medicaid

| Federal Fiscal Year | Program Description | County Name | Enrollment | Census 2010 | % of Population |
|---------------------|---------------------|-------------|------------|-------------|-----------------|
| 2015                | Medicaid            | Barbour     | 5,593      | 16,589      | 33.72%          |
|                     |                     | Berkeley    | 28,649     | 104,169     | 27.50%          |
|                     |                     | Boone       | 9,521      | 24,629      | 38.66%          |
|                     |                     | Braxton     | 5,204      | 14,523      | 35.83%          |
|                     |                     | Brooke      | 5,321      | 24,069      | 22.11%          |
|                     |                     | Cabell      | 31,269     | 96,319      | 32.46%          |
|                     |                     | Calhoun     | 2,936      | 7,627       | 38.49%          |
|                     |                     | Clay        | 4,533      | 9,386       | 48.30%          |
|                     |                     | Doddridge   | 2,118      | 8,202       | 25.82%          |
|                     |                     | Fayette     | 17,117     | 46,039      | 37.18%          |
|                     |                     | Gilmer      | 1,955      | 8,693       | 22.49%          |
|                     |                     | Grant       | 3,413      | 11,937      | 28.59%          |
|                     |                     | Greenbrier  | 11,553     | 35,480      | 32.56%          |
|                     |                     | Hampshire   | 6,887      | 23,964      | 28.74%          |
|                     |                     | Hancock     | 7,841      | 30,676      | 25.56%          |
|                     |                     | Hardy       | 4,400      | 14,025      | 31.37%          |
|                     |                     | Harrison    | 18,804     | 69,099      | 27.21%          |
|                     |                     | Jackson     | 9,029      | 29,211      | 30.91%          |
|                     |                     | Jefferson   | 11,462     | 53,498      | 21.43%          |
| Kanawha             | 59,891              | 193,063     | 31.02%     |             |                 |

# Special Payment Allocations

## Special Payment Allocations



2015

SCA - School Clothing Allowance

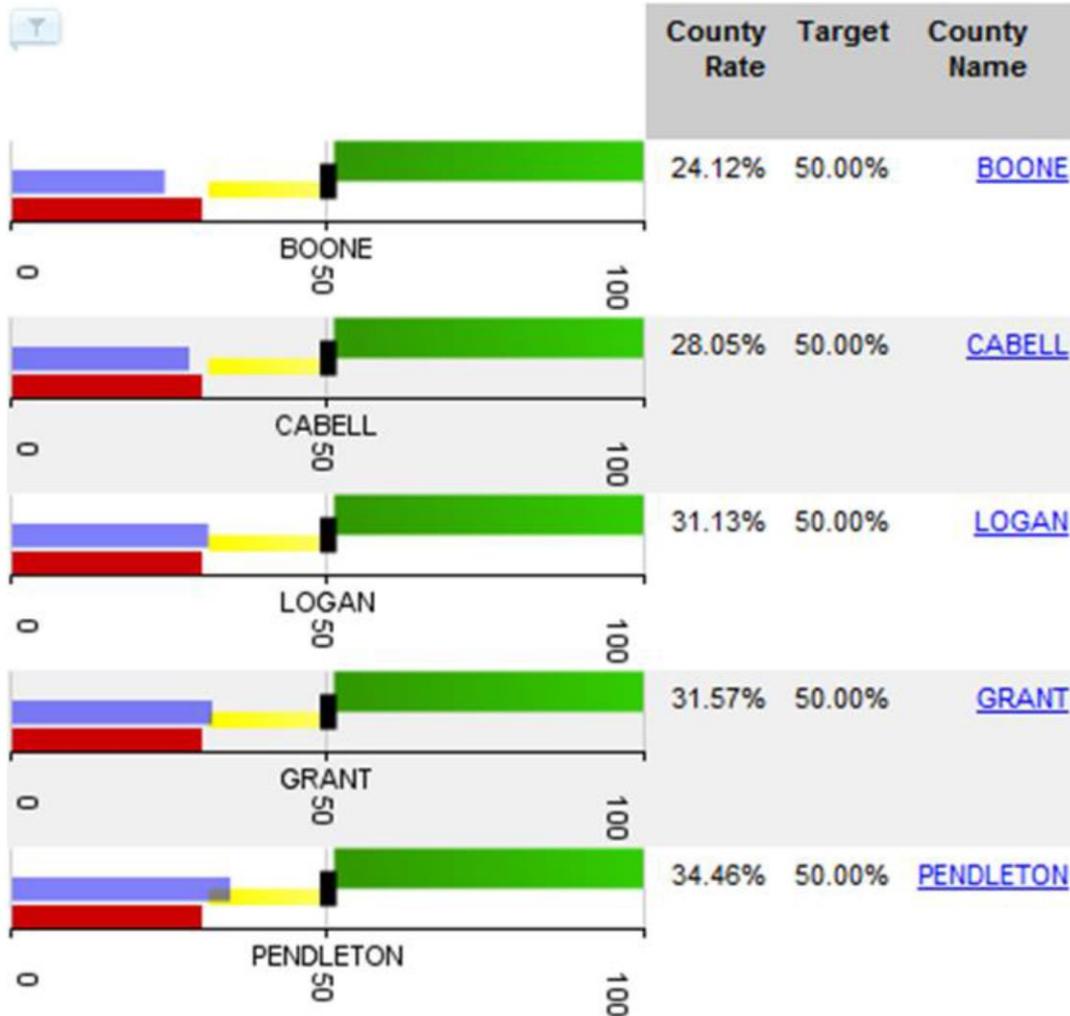
NEMT - Non Emergency Medical Transportation

EA - Emergency Assistance

LIEAP - Low Income Energy Assistance Program

# Work Participation Watchlist

\*Please note that Work Participation rates may show a low (or zero) percentage due to delay in time sheet submissions.



County level detail

# Integrated Eligibility Analytics - Drill Through



## RAFT Executive Dashboard

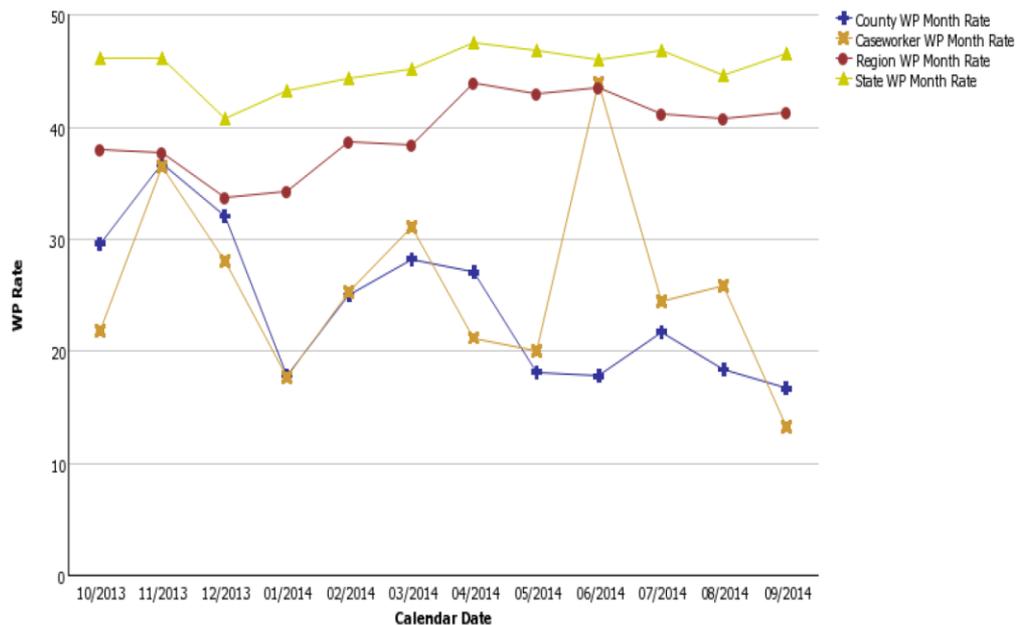
WV Department of Health and Human Resources  
RAPIDS Analysis and Formatting Tool

|            |   |
|------------|---|
| Year: 2014 | State Work Participation Rate for 12/2014 7.84 %    |
|            | Federal Work Participation Rate for 12/2013 40.00 % |

This report lists the following monthly details for the selected county :

1. County Work Participation Rate : This is the average work participation rate of the selected county for that specific Federal Fiscal Year.
2. Caseworker Participation Rate : This is the average work participation rate of all the workers in the selected county for that specific Federal Fiscal Year.
3. Region Work Participation Rate : This is the average work participation rate for the Region of the selected county for that specific Federal Fiscal Year.
4. State Work Participation Rate : This is the average work participation rate of the entire State for that specific Federal Fiscal Year.

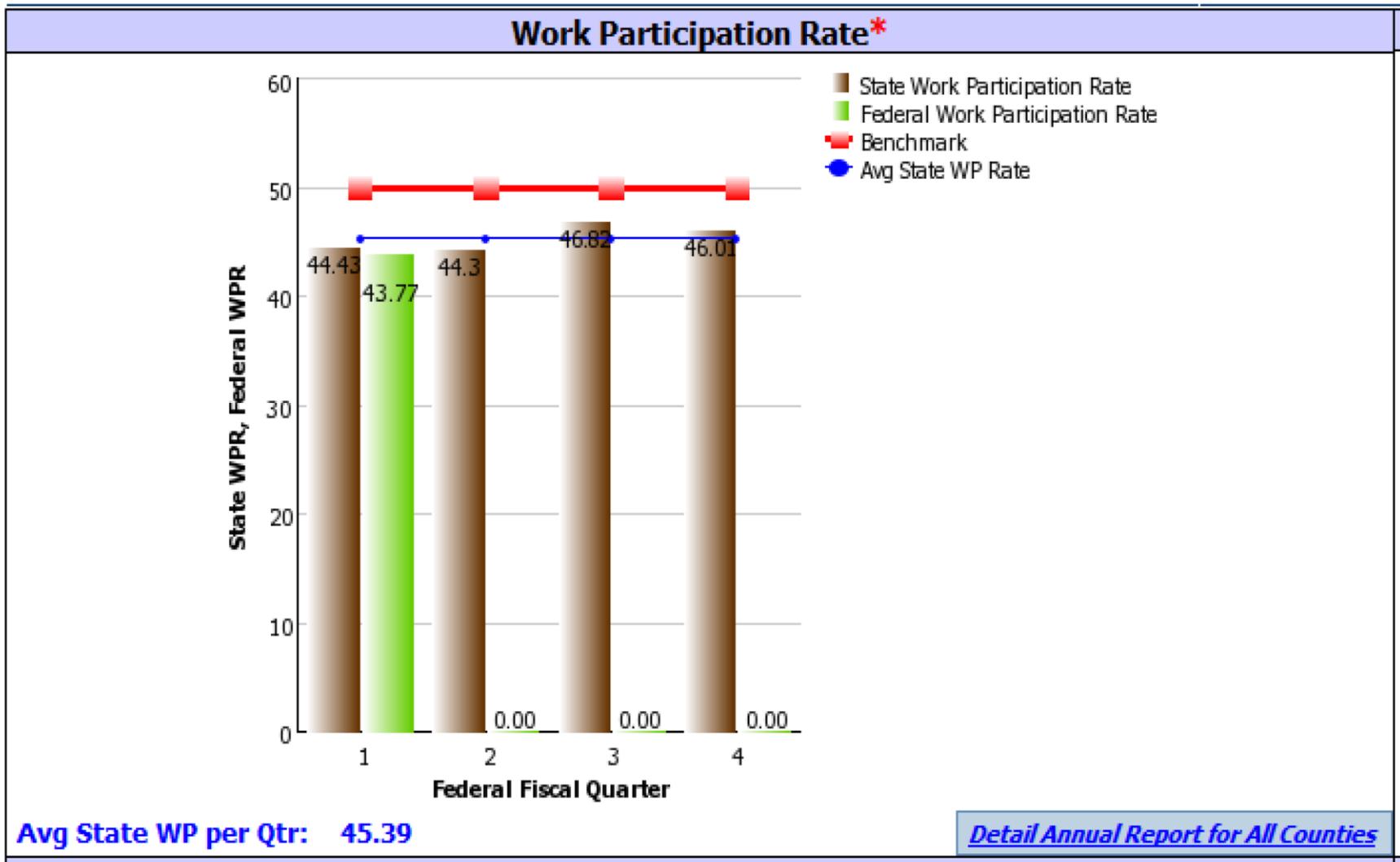
In each of the above cases, the 'Work Participation' rate is calculated by dividing the 'total number of enrolled single parent non-college customers meeting their scheduled hours of work' by 'total number of enrolled single parent non-college customers'; with the total enrolled customers being counted only once for the selected federal fiscal year.



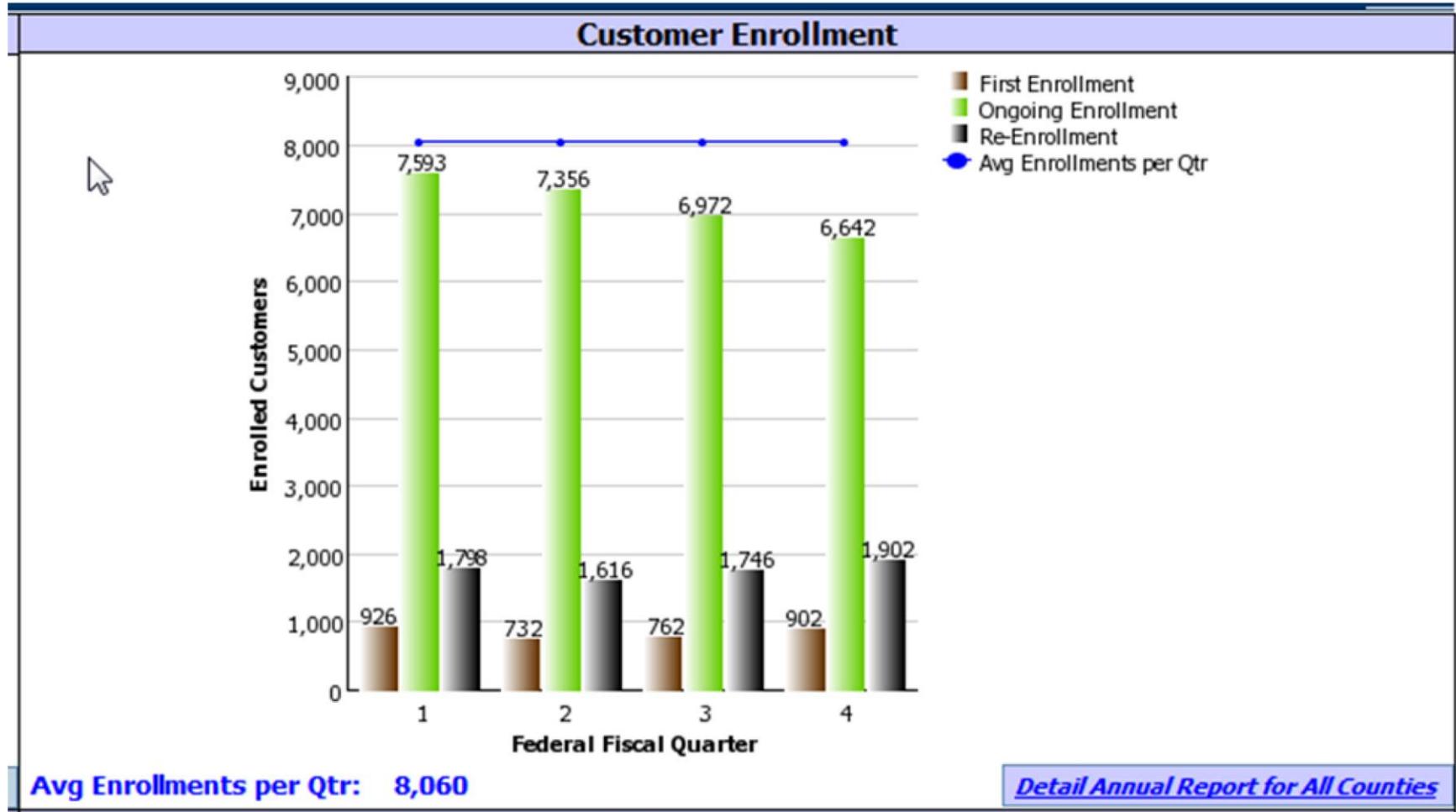
County : BOONE

| Detail Report |                |                    |                |               |
|---------------|----------------|--------------------|----------------|---------------|
| Calendar Date | County WP Rate | Caseworker WP Rate | Region WP Rate | State WP Rate |
| 10/2013       | 29.63          | 21.88              | 38.03          | 46.26         |
| 11/2013       | 36.73          | 36.57              | 37.80          | 46.26         |
| 12/2013       | 32.08          | 28.05              | 33.68          | 40.77         |
| 01/2014       | 17.86          | 17.68              | 34.32          | 43.26         |
| 02/2014       | 25.00          | 25.26              | 38.70          | 44.39         |
| 03/2014       | 28.26          | 31.15              | 38.48          | 45.25         |
| 04/2014       | 27.08          | 21.23              | 44.03          | 47.58         |
| 05/2014       | 18.18          | 20.00              | 42.97          | 46.87         |
| 06/2014       | 17.78          | 44.03              | 43.62          | 46.00         |
| 07/2014       | 21.74          | 24.51              | 41.17          | 46.83         |
| 08/2014       | 18.37          | 25.85              | 40.75          | 44.62         |
| 09/2014       | 16.67          | 13.26              | 41.35          | 46.58         |

# Work Participation Rate



# Customer Enrollment



# Work Participation - Drill Through

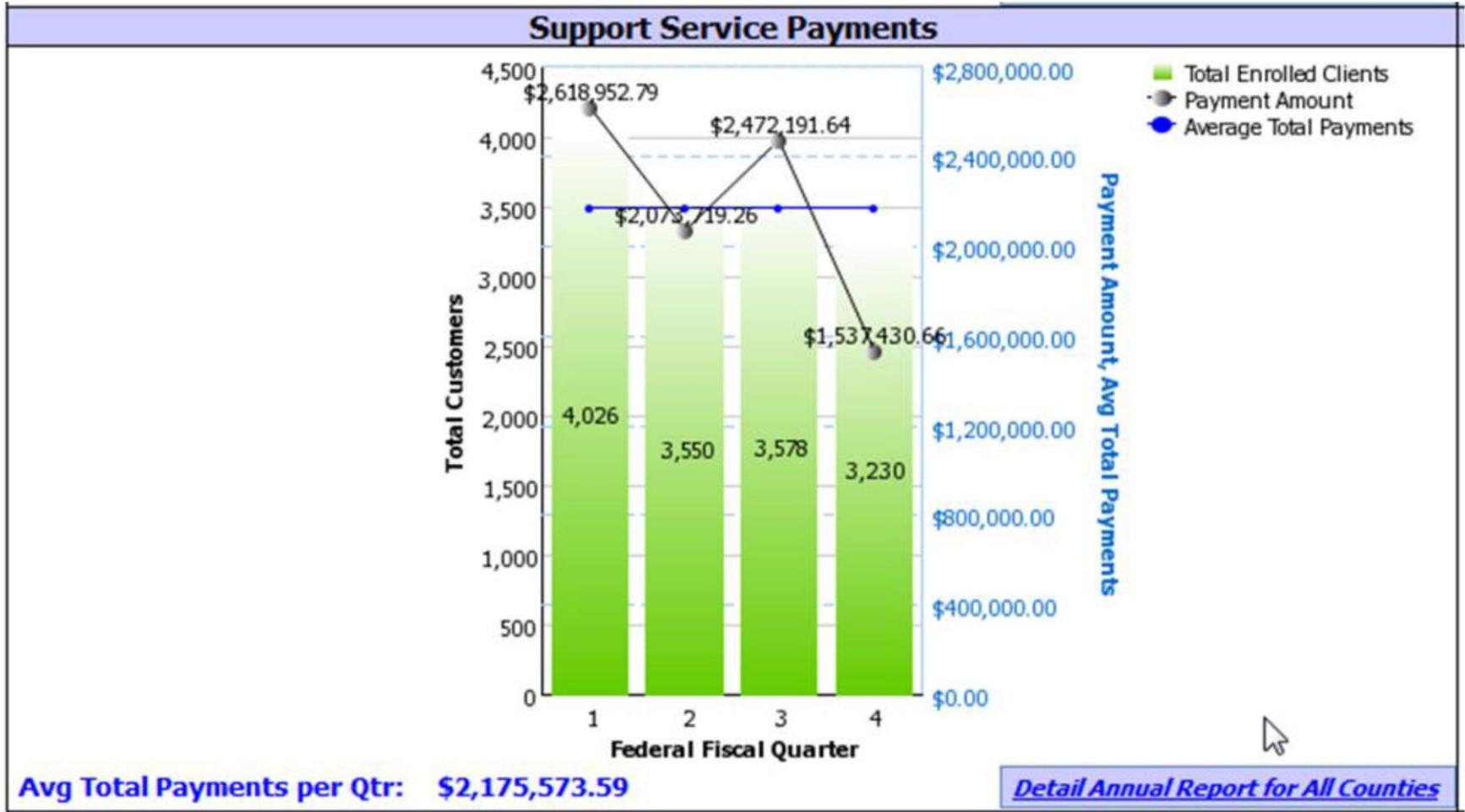
Work Participation Rate – Drill through

| Detail Report |                            |                 |
|---------------|----------------------------|-----------------|
| Region Number | County Name                | Average WP Rate |
| 3             | <a href="#">UPSHUR</a>     | 68.87           |
| 1             | <a href="#">BROOKE</a>     | 66.01           |
| 4             | <a href="#">CLAY</a>       | 65.57           |
| 3             | <a href="#">HARDY</a>      | 65.42           |
| 3             | <a href="#">PRESTON</a>    | 64.98           |
| 4             | <a href="#">WYOMING</a>    | 64.18           |
| 1             | <a href="#">GILMER</a>     | 64.03           |
| 1             | <a href="#">WIRT</a>       | 63.96           |
| 2             | <a href="#">ROANE</a>      | 61.24           |
| 1             | <a href="#">HANCOCK</a>    | 60.00           |
| 4             | <a href="#">POCAHONTAS</a> | 59.57           |
| 3             | <a href="#">MINERAL</a>    | 58.30           |
| 3             | <a href="#">LEWIS</a>      | 58.17           |
| 2             | <a href="#">PUTNAM</a>     | 57.05           |
| 1             | <a href="#">WETZEL</a>     | 56.90           |
| 4             | <a href="#">SUMMERS</a>    | 55.93           |
| 1             | <a href="#">TYLER</a>      | 55.80           |
| 1             | <a href="#">MARION</a>     | 54.57           |
| 2             | <a href="#">JACKSON</a>    | 54.36           |

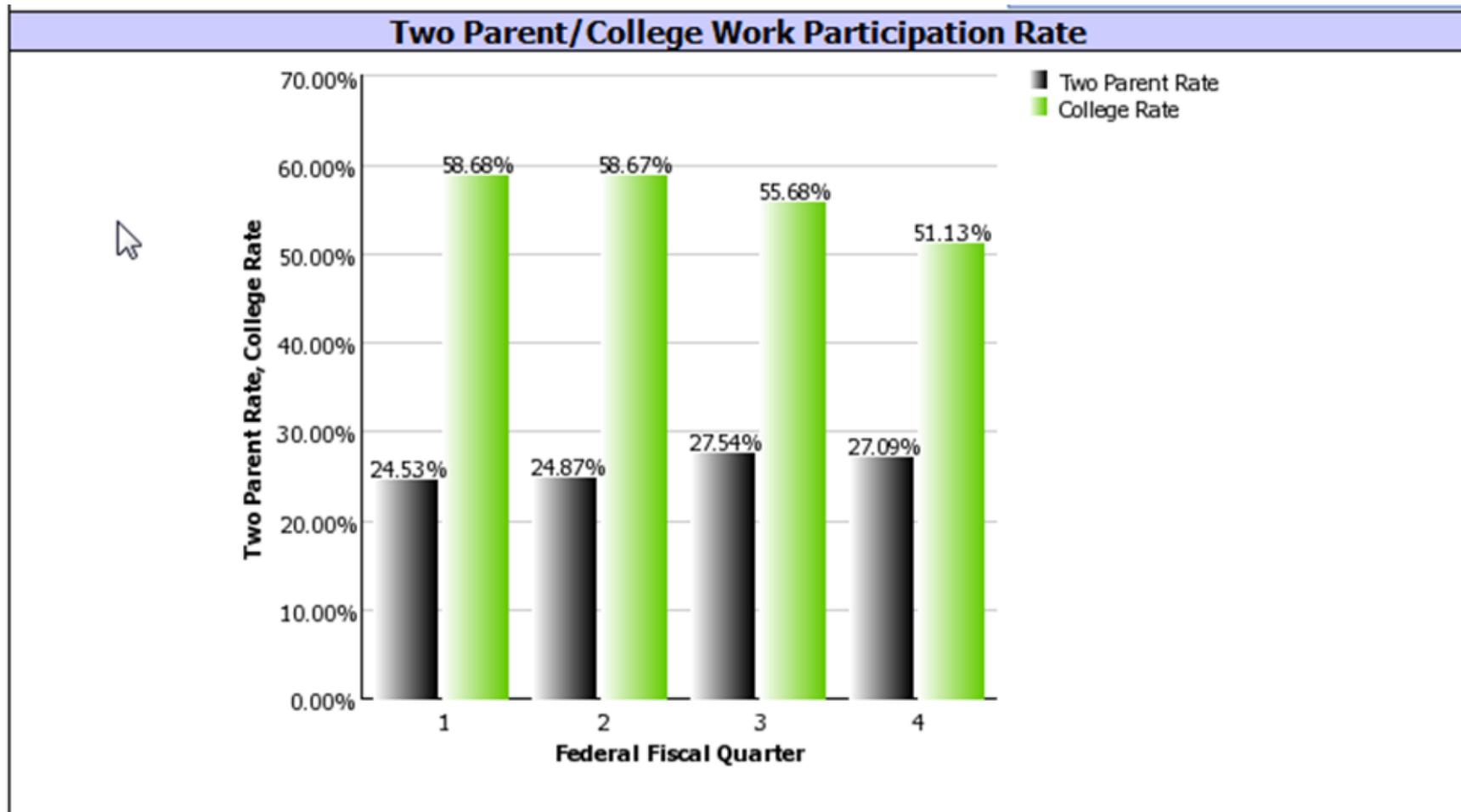
Customer Enrollment – Drill through

| Detail Report for Re-Enrolled Customers |               |                            |                          |                                      |                       |
|---|---------------|----------------------------|--------------------------|--------------------------------------|-----------------------|
| Rank                                    | Region Number | County Name                | Total Distinct Customers | Total Re-Enrolled Distinct Customers | Re-Enrollment Percent |
| 1                                       | 3             | <a href="#">RANDOLPH</a>   | 66                       | 41                                   | 62.12%                |
| 2                                       | 2             | <a href="#">LINCOLN</a>    | 326                      | 180                                  | 55.21%                |
| 3                                       | 1             | <a href="#">CALHOUN</a>    | 37                       | 20                                   | 54.05%                |
| 4                                       | 3             | <a href="#">PRESTON</a>    | 82                       | 44                                   | 53.66%                |
| 5                                       | 2             | <a href="#">ROANE</a>      | 107                      | 56                                   | 52.34%                |
| 6                                       | 3             | <a href="#">HARDY</a>      | 50                       | 26                                   | 52.00%                |
| 7                                       | 2             | <a href="#">LOGAN</a>      | 387                      | 200                                  | 51.68%                |
| 8                                       | 1             | <a href="#">GILMER</a>     | 8                        | 4                                    | 50.00%                |
| 9                                       | 3             | <a href="#">GRANT</a>      | 32                       | 16                                   | 50.00%                |
| 10                                      | 1             | <a href="#">MONONGALIA</a> | 137                      | 68                                   | 49.64%                |
| 11                                      | 2             | <a href="#">BOONE</a>      | 234                      | 116                                  | 49.57%                |
| 12                                      | 2             | <a href="#">CABELL</a>     | 1,159                    | 563                                  | 48.58%                |
| 13                                      | 3             | <a href="#">JEFFERSON</a>  | 242                      | 115                                  | 47.52%                |
| 14                                      | 4             | <a href="#">NICHOLAS</a>   | 294                      | 138                                  | 46.94%                |
| 15                                      | 3             | <a href="#">BARBOUR</a>    | 73                       | 34                                   | 46.58%                |
| 16                                      | 2             | <a href="#">KANAWHA</a>    | 1,807                    | 837                                  | 46.32%                |
| 17                                      | 3             | <a href="#">TAYLOR</a>     | 132                      | 61                                   | 46.21%                |
| 18                                      | 1             | <a href="#">MARSHALL</a>   | 232                      | 107                                  | 46.12%                |
| 19                                      | 3             | <a href="#">MINERAL</a>    | 150                      | 69                                   | 46.00%                |
| 20                                      | 2             | <a href="#">MASON</a>      | 287                      | 130                                  | 45.30%                |
| 21                                      | 4             | <a href="#">RALEIGH</a>    | 364                      | 164                                  | 45.05%                |
| 22                                      | 2             | <a href="#">WAYNE</a>      | 308                      | 138                                  | 44.81%                |
| 23                                      | 2             | <a href="#">PUTNAM</a>     | 181                      | 81                                   | 44.75%                |
| 24                                      | 1             | <a href="#">DODDRIDGE</a>  | 25                       | 11                                   | 44.00%                |

# Support Service Payments

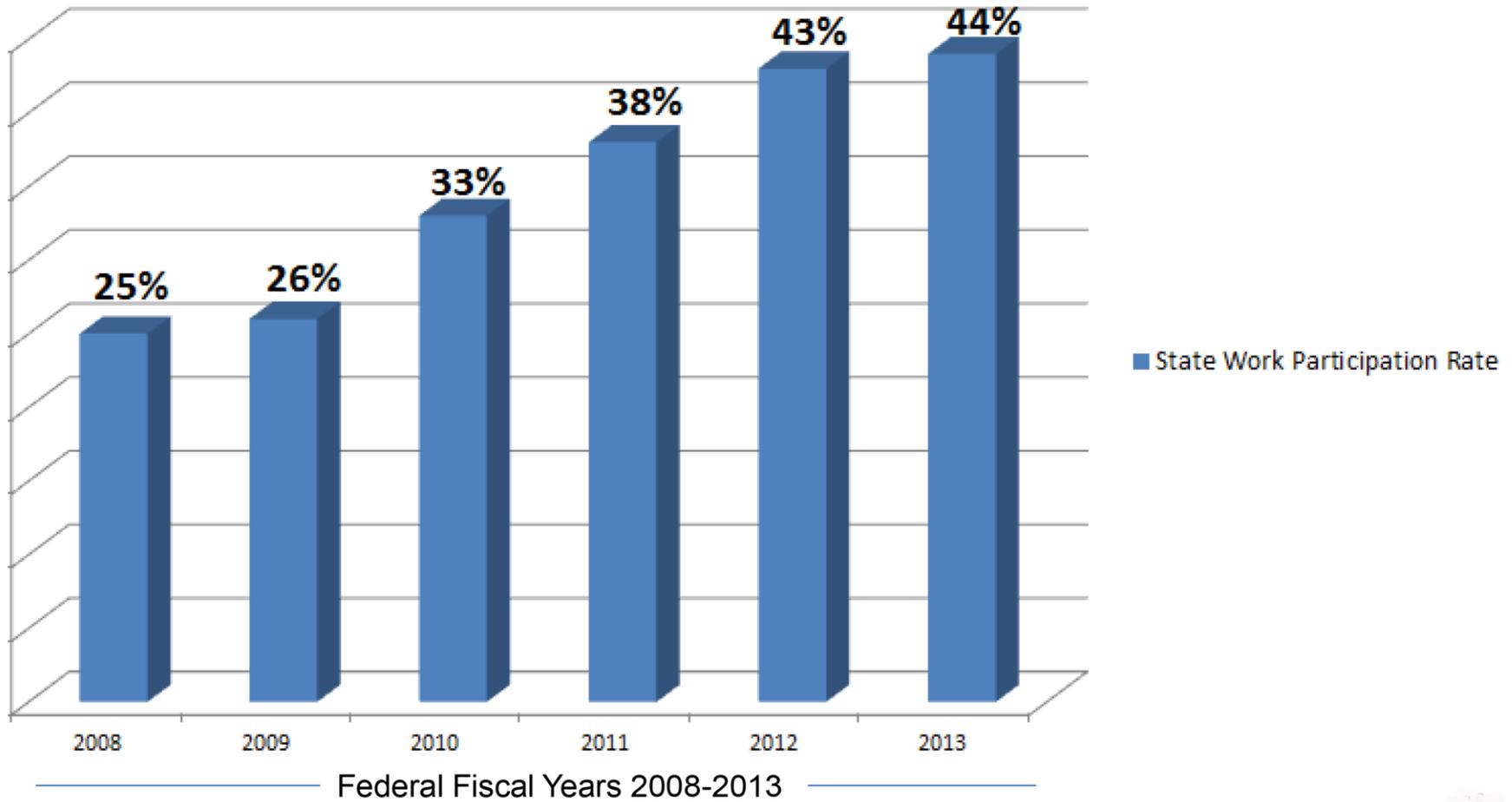


# Two Parent/College Work Participation Rate



# Work Participation Outcomes

## State Work Participation Rate



# Application Aging Report - Selection



## Application Aging Report

Need an explanation of this data? [Click here](#) to download a help document.

|                         |  |                   |  |                      |   |
|-------------------------|--|-------------------|--|----------------------|---|
| <b>Date Range:</b>      | <input type="text" value="Dec 27, 2014 - Jan 02, 2015"/> | <b>Region:</b>    | <input type="text" value="Region"/>    | <b>County:</b>       | <input type="text" value="County"/>     |
| <b>Sup Unit Number:</b> | <input type="text" value="Sup Unit Number"/>             | <b>Worker ID:</b> | <input type="text" value="Worker ID"/> | <b>App Source**:</b> | <input type="text" value="App Source"/> |

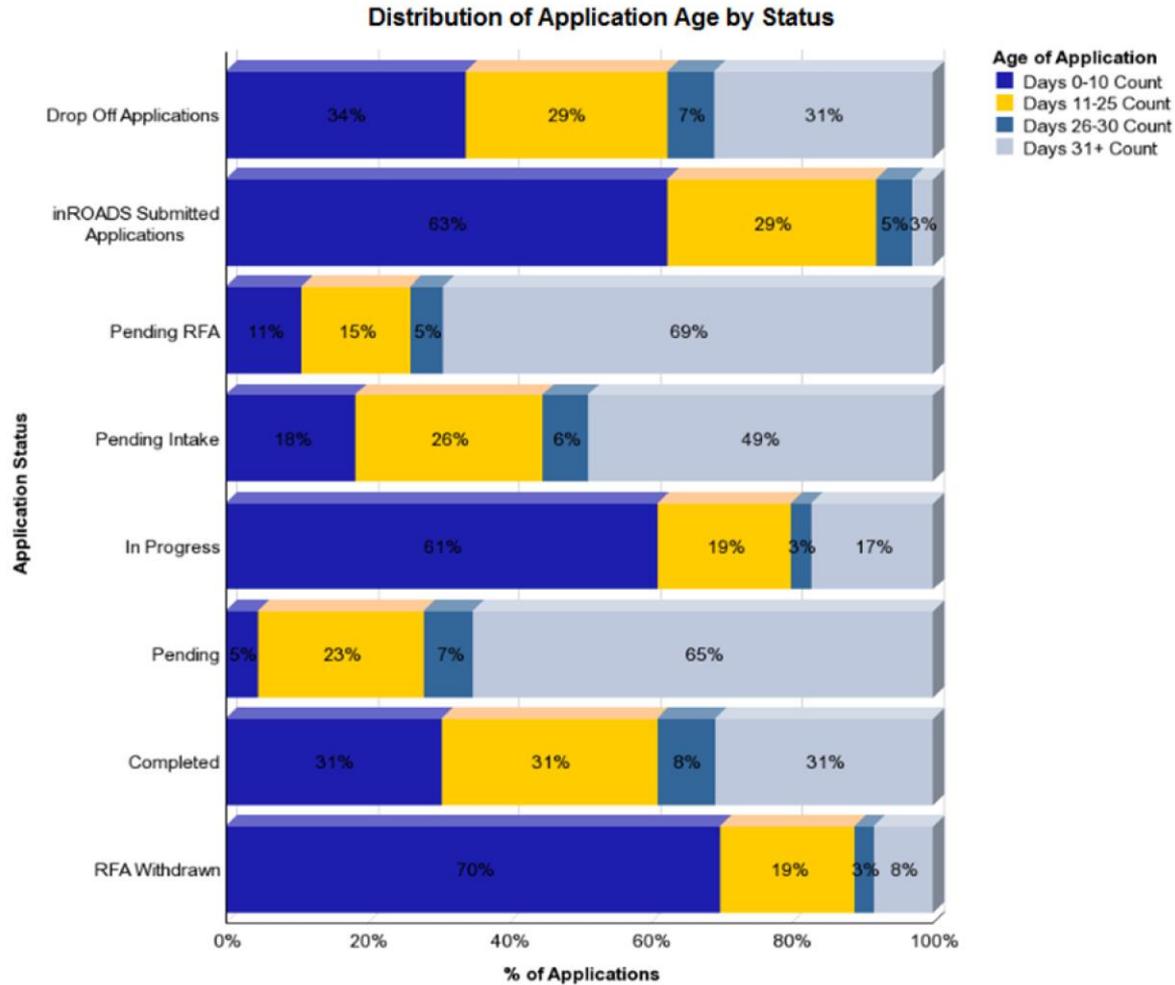
\*\* the inROADS app source consists of new applications, not reviews

# Application Aging Report – Tabular Results

**Application Status Aging Crosstab**

|                                | Days 0-10 Count       | Days 11-25 Count      | Days 26-30 Count    | Days 31+ Count        | Total for Row |
|--------------------------------|-----------------------|-----------------------|---------------------|-----------------------|---------------|
| Drop Off Applications          | <a href="#">1,476</a> | <a href="#">1,240</a> | <a href="#">287</a> | <a href="#">1,345</a> | 4,348         |
| inROADS Submitted Applications | <a href="#">881</a>   | <a href="#">415</a>   | <a href="#">72</a>  | <a href="#">41</a>    | 1,409         |
| Pending RFA                    | <a href="#">134</a>   | <a href="#">192</a>   | <a href="#">59</a>  | <a href="#">866</a>   | 1,251         |
| Pending Intake                 | <a href="#">421</a>   | <a href="#">605</a>   | <a href="#">145</a> | <a href="#">1,115</a> | 2,286         |
| In Progress                    | <a href="#">192</a>   | <a href="#">59</a>    | <a href="#">9</a>   | <a href="#">54</a>    | 314           |
| Pending                        | <a href="#">160</a>   | <a href="#">807</a>   | <a href="#">240</a> | <a href="#">2,241</a> | 3,448         |
| Completed                      | <a href="#">647</a>   | <a href="#">646</a>   | <a href="#">174</a> | <a href="#">651</a>   | 2,118         |
| RFA Withdrawn                  | <a href="#">177</a>   | <a href="#">48</a>    | <a href="#">7</a>   | <a href="#">21</a>    | 253           |
| <b>Total</b>                   | <b>4,088</b>          | <b>4,012</b>          | <b>993</b>          | <b>6,334</b>          | <b>15,427</b> |

# Application Aging Report – Graphical Results



# Application Aging Report – Graphical Results

## Application Aging - Pending RFA Detail Report

**Date:** Aug 30, 2014 - Sep 05, 2014 **Region:** 2 **County:** 20 - Kanawha

**Sup Unit Number:** All Sup Units **Worker ID:** All Workers **App Source:** All App Sources **Days Bucket:** 26 - 30

# Application Aging Report – Drill Through

| Region                          | County Number | County Name | Status      | Worker          | Worker ID | Sup Unit Number | RFA Number | RFA Date         | Information Provider | inROADS App Number | inROADS App Status |
|---------------------------------|---------------|-------------|-------------|-----------------|-----------|-----------------|------------|------------------|----------------------|--------------------|--------------------|
| 2                               | 20            | Kanawha     | Pending RFA | XXXXXXXX-XXXXXX | XXXXXX    | 0213            | 21719705   | Wed, Aug 6, 2014 | XXXXXXXX-XXXXXX      |                    |                    |
|                                 |               |             | Pending RFA | XXXX-XXXXXX     | XXXXXX    | 0137            | 1021732010 | Fri, Aug 8, 2014 | XXXXXXXX-XXXXXX      |                    |                    |
|                                 |               |             | Pending RFA | XXXXXXXX-XXXXXX | XXXXXX    | 0058            | 5021728458 | Thu, Aug 7, 2014 | XXXXXXXX-XXXXXX      |                    |                    |
|                                 |               |             | Pending RFA | XXXX-XXXXXX     | XXXXXX    | 0137            | 4021727248 | Thu, Aug 7, 2014 | XXXXXXXX-XXXXXX      |                    |                    |
|                                 |               |             | Pending RFA | XXXXXXXX-XXXXXX | XXXXXX    | 0008            | 4021721541 | Wed, Aug 6, 2014 | XXXXXXXX-XXXXXX      |                    |                    |
| County 20 - Kanawha Subtotal: 5 |               |             |             |                 |           |                 |            |                  |                      |                    |                    |

# Contacts

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Vinny Prasad, Application Manager

Jani Dhage, Data Warehouse And Reporting Track Lead

# Questions

# Questions?