COLLABORATIVE FRAMEWORKS AND TOOLS

The Stakeholder Engagement Process

Current State Map Examples



CivicLab

An Institute for Civic Collaboration

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SEE :

SHOW:

Who / What → Qualitative representation = Portrait

How much → Quantitative representation = Chart

Where → Position in space = Map

When → Position in time = Timeline

How → Cause + effect = Flowchart

Why → deduction + prediction = Multiple-variable plot

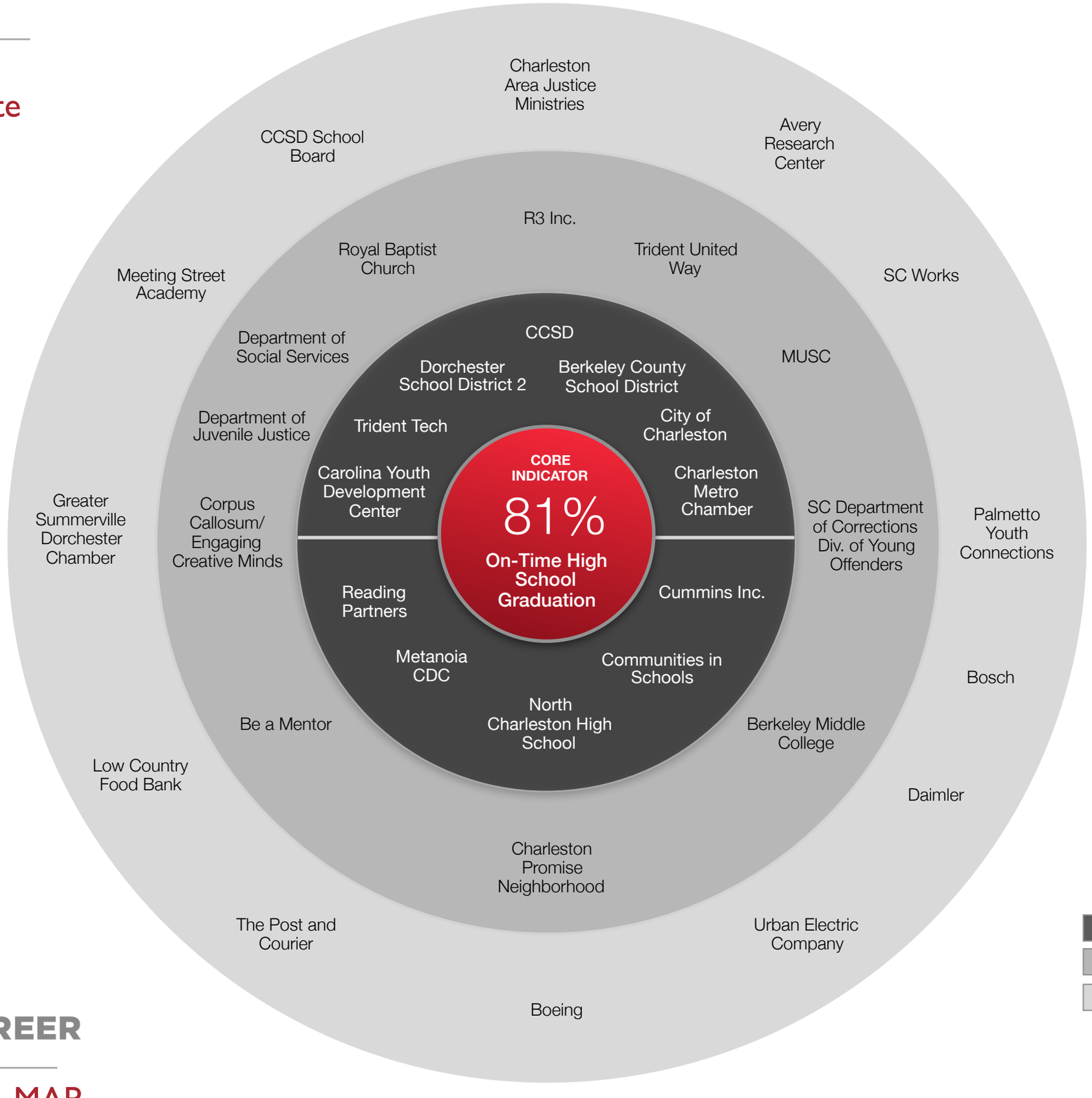
Six Fundamental Principles of Analytical Design

1) Show comparisons, contrasts, differences.
2) Show causality, mechanism, explanation, systematic structure.
3) Show multivariate data; that is, show more than 1 or 2 variables.
4) Completely integrate words, numbers, images, diagrams.
5) Thoroughly describe the evidence. Provide a detailed title, indicate the authors and sponsors, document the data sources, show complete measurement scales, point out relevant issues.
6) Analytical presentations ultimately stand or fall depending on the quality, relevance, and integrity of their content.

Source: Edward Tufte

Stakeholder Maps

High School Graduation Rate

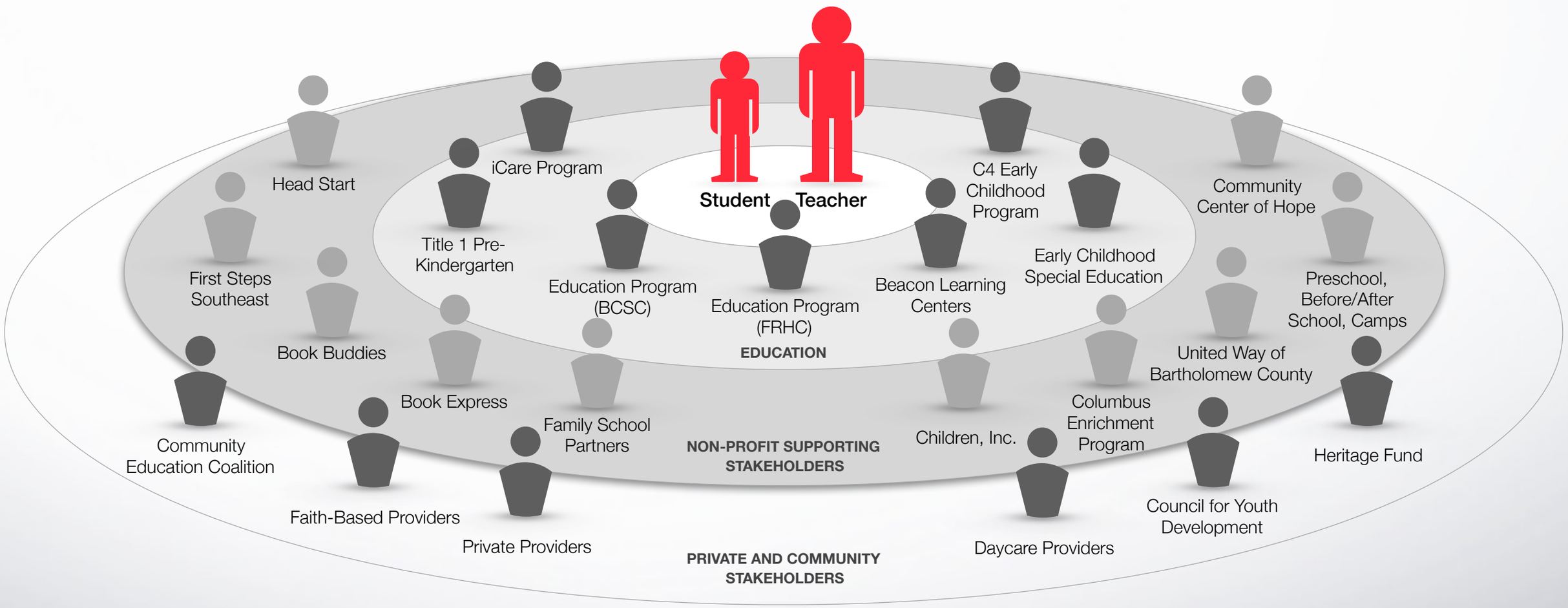


TRI-COUNTY CRADLE TO CAREER COLLABORATIVE

STAKEHOLDER MAP

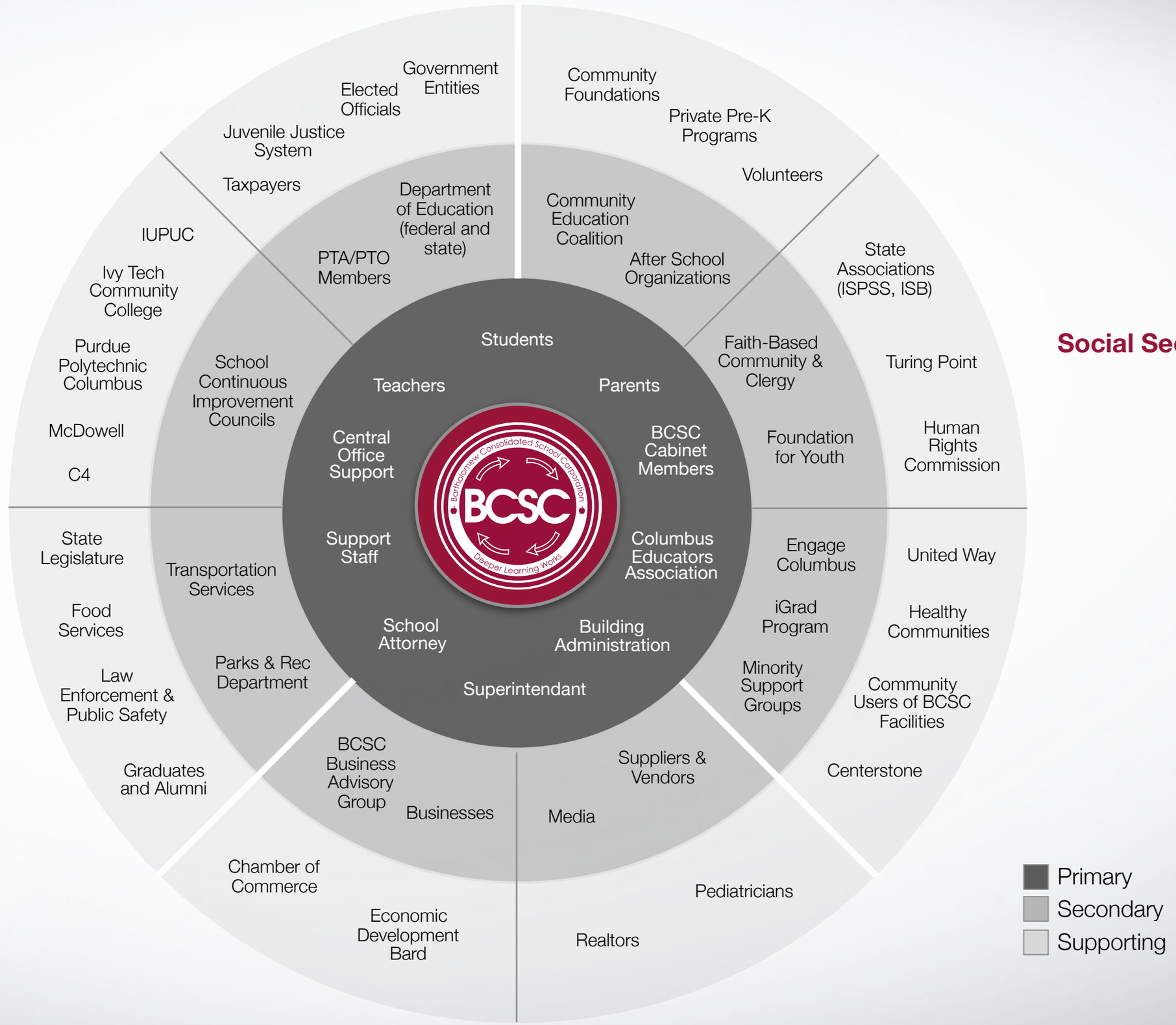
THE STAKEHOLDER MAP

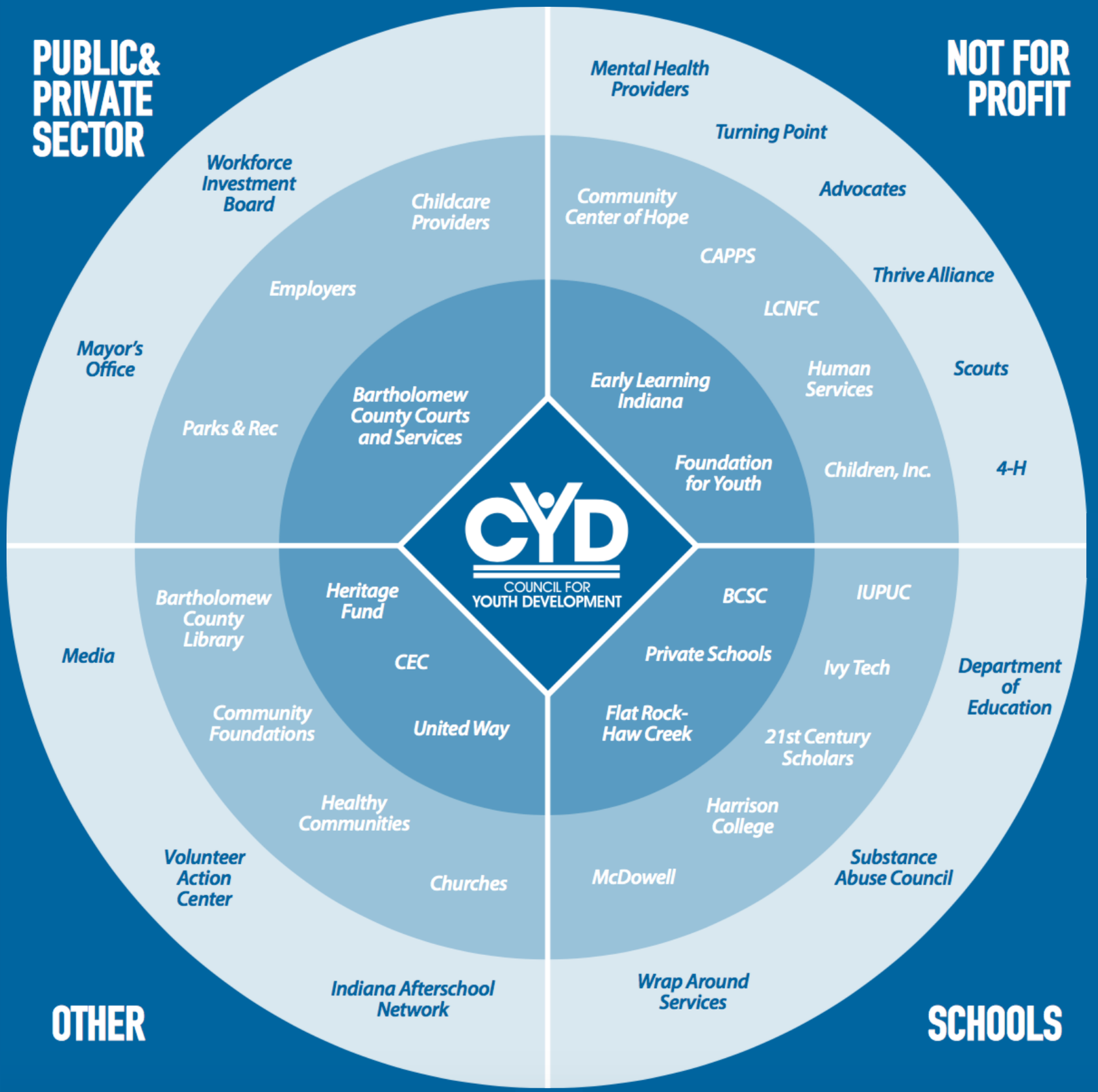
Early Childhood Education in Bartholomew County



Stakeholder Map

BCSC School Board
Version Date: 10/1/2015




PUBLIC& PRIVATE SECTOR
NOT FOR PROFIT
Mental Health Providers
Turning Point
Workforce Investment Board
Childcare Providers
Advocates
Community Center of Hope
CAPPS
Thrive Alliance
Employers
LCNFC
Mayor's Office
Early Learning Indiana
Human Services
Scouts
Bartholomew County Courts and Services
Parks & Rec
Foundation for Youth
Children, Inc.
4-H
CYD
COUNCIL FOR YOUTH DEVELOPMENT
Bartholomew County Library
Heritage Fund
BCSC
IUPUC
Media
CEC
Private Schools
Ivy Tech
Department of Education
Community Foundations
United Way
Flat Rock-Haw Creek
21st Century Scholars
Healthy Communities
Harrison College
Volunteer Action Center
Churches
McDowell
Substance Abuse Council
Indiana Afterschool Network
Wrap Around Services
OTHER
SCHOOLS

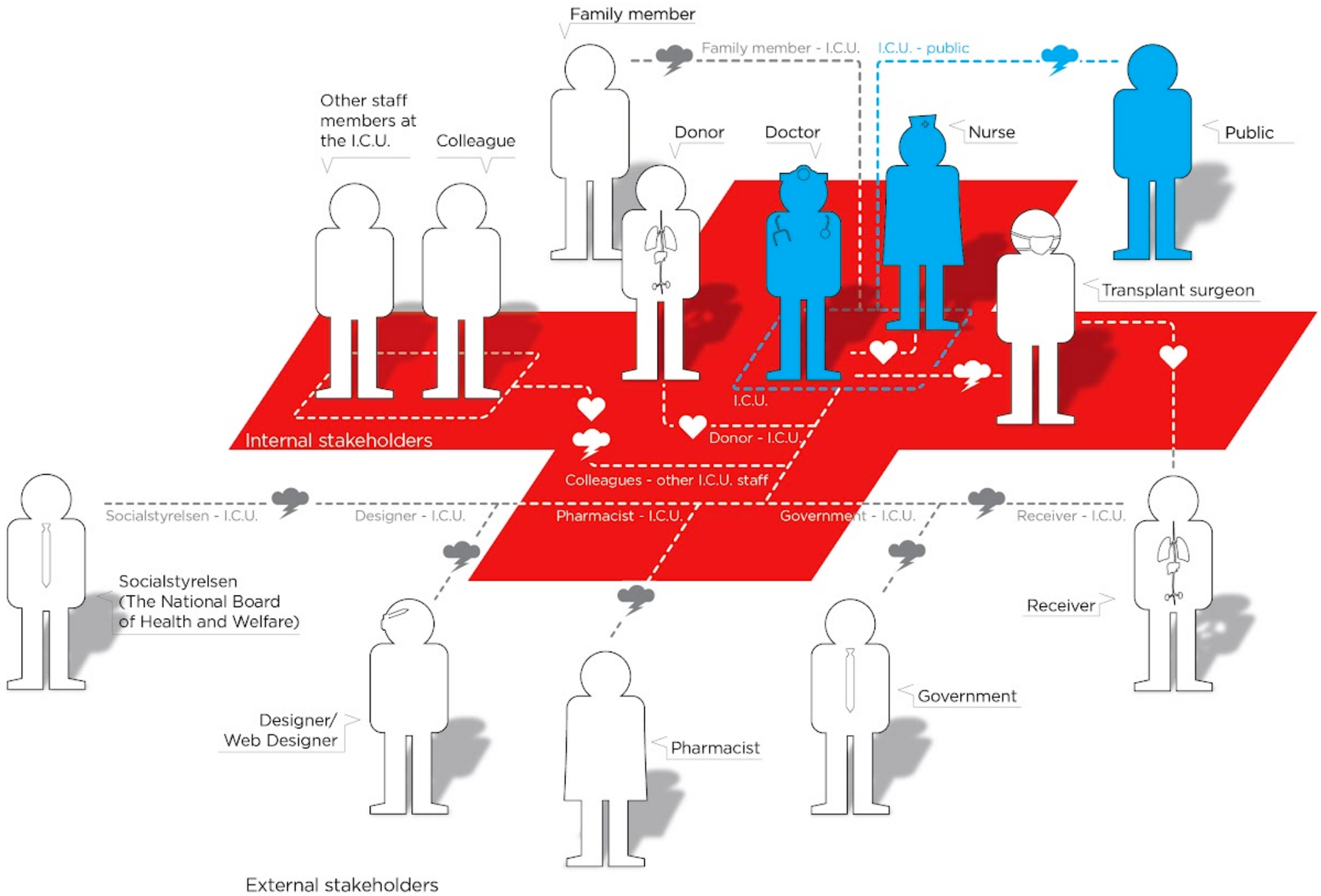
Stakeholder map

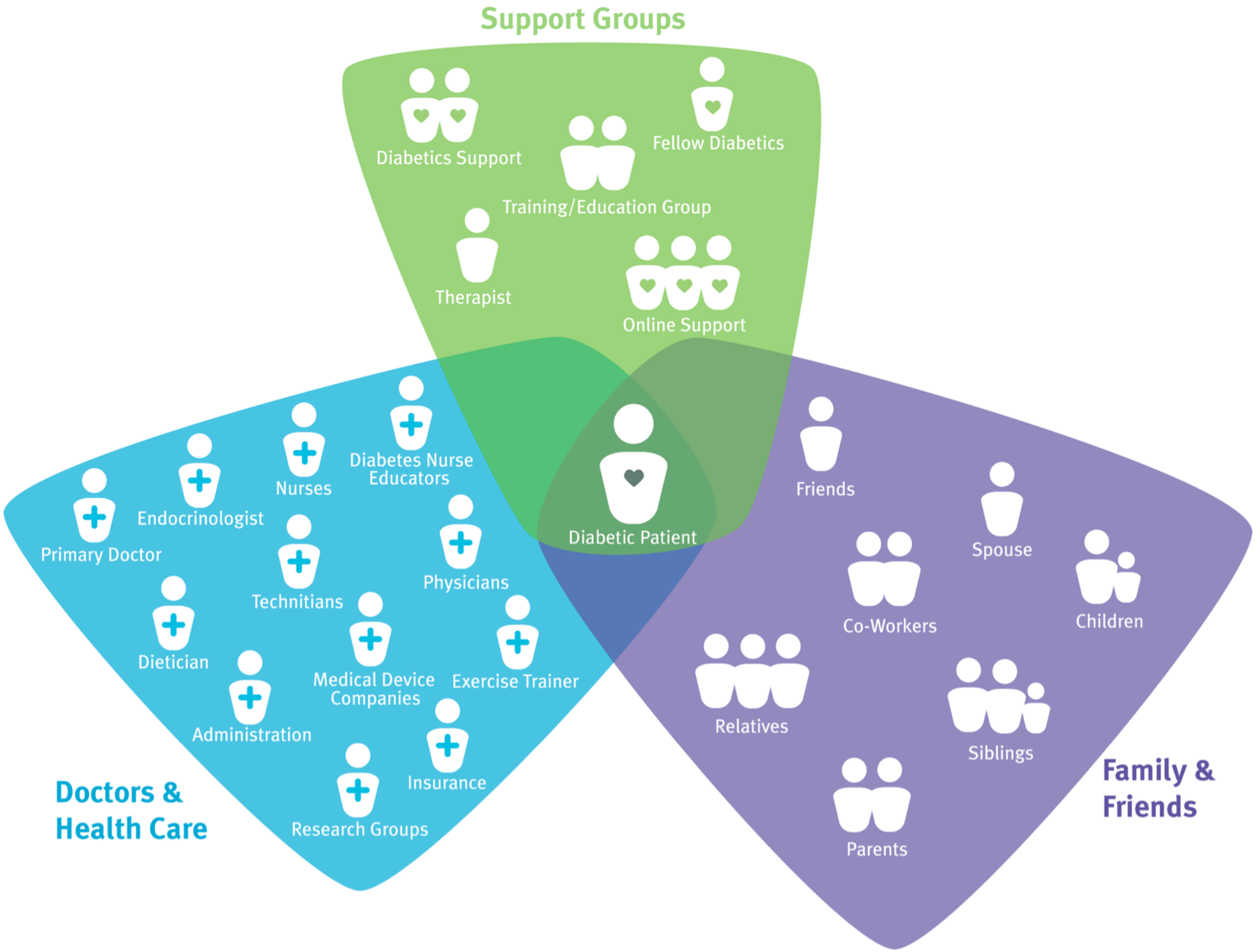
Example: Mauritania stakeholder map

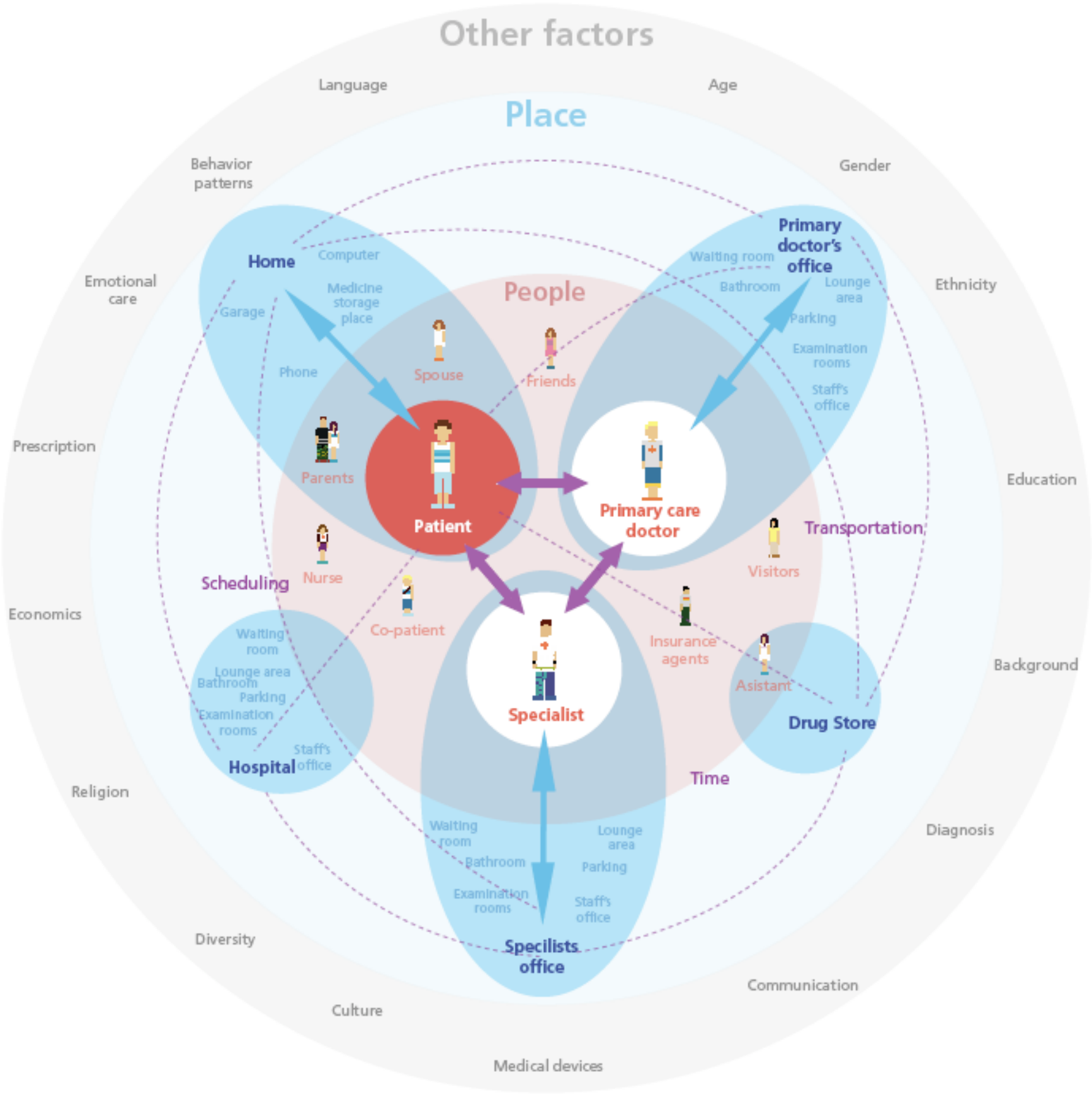
	Treatment Interventions				Preventative Interventions							
	Suppl. feeding	Thera-peutic Feeding	Zinc	ITN / IPTp	Breastfeeding / Vit. A, Deworming	Breastfeeding Compl. feeding Iodine	Iodine	Fortif.: Iron, Folic Acid, Zinc	Breastfeeding Compl. feeding Iodine Iron suppl. Handwashing / Iodine	Full Package	Home-stead food prod-uction
Donor	USAID, Italy	Own funds	Ireland, OFDA,ECHO, CERF, Them. Fund, UNICEF	None yet	Global Fund, BID, OMVS	CIDA, UNOCHA/CERF, Ireland, Humanitarian Thematic Fund, United Kingdom, MI, UNICEF Set-aside fund		None yet	World Bank	Various incl. UNICEF	Spanish consu-mer
Catalyst	Counter -part, Ital. Coop.	WFP	UNICEF			UNICEF					FAO, WFP
			WHO							INGO	
Govt implementer	CSA	CSA	Ministry of Health				Min.of Commerce / Min.of Industry		Ministry of Social Affairs		Min. rural dev & CSA
Field Coordinator	NGO / INGO	NGO / INGO	Health System			EPS	Agents / Technicians				FAO, WFP
Delivery Channel	CRENAM /CAC	CRENAM	CRENI, CRENAS	Hospitals, Centres and Postes de Santé	Mass Campaigns	Mass Media	Private sector		CNC		Commun ity-based

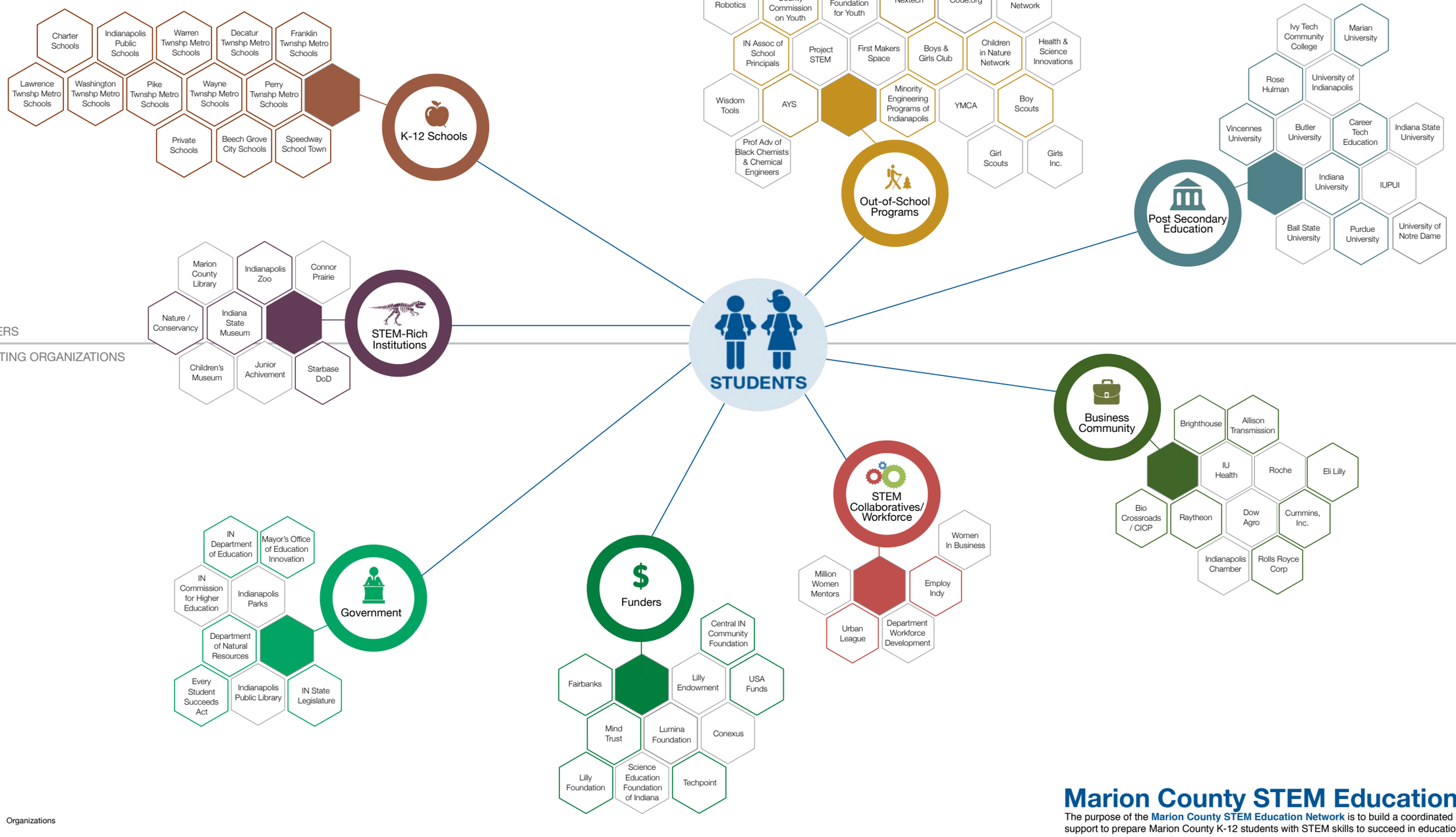
Government | Treatment | Educational component
Other actor | Physical component | Physical and educational components

Focus area


Family member
Family member - I.C.U.
I.C.U. - public
Other staff members at the I.C.U.
Colleague
Donor
Doctor
Nurse
Public
Transplant surgeon
I.C.U.
Donor - I.C.U.
Internal stakeholders
Colleagues - other I.C.U. staff
Socialstyrelsen - I.C.U.
Designer - I.C.U.
Pharmacist - I.C.U.
Government - I.C.U.
Receiver - I.C.U.
Socialstyrelsen (The National Board of Health and Welfare)
Designer/ Web Designer
Pharmacist
Government
Receiver
External stakeholders

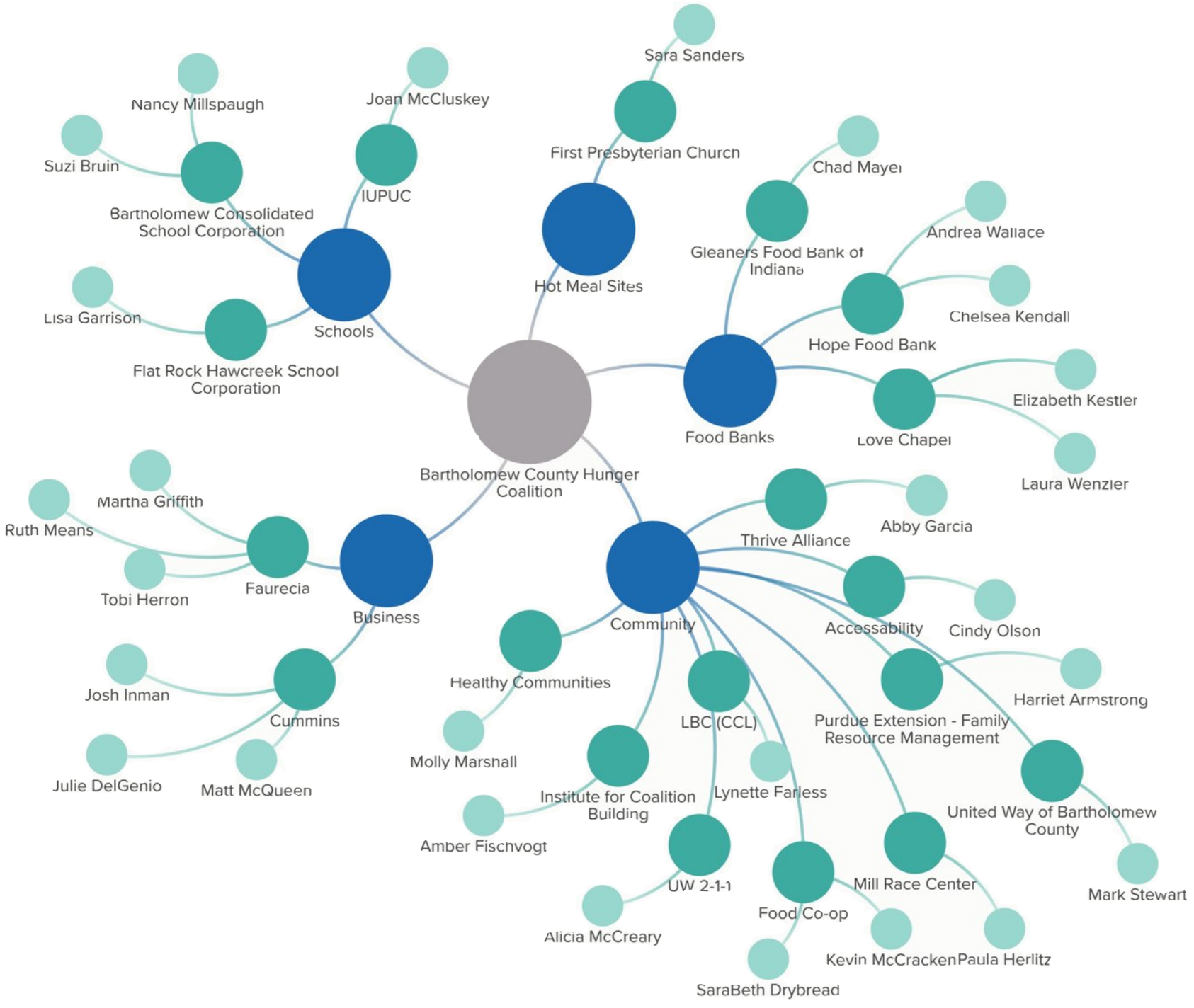

Support Groups
Diabetics Support
Fellow Diabetics
Training/Education Group
Therapist
Online Support
Diabetic Patient
Doctors &
Health Care
Endocrinologist
Nurses
Diabetes Nurse
Educators
Primary Doctor
Technitians
Physicians
Dietician
Medical Device
Companies
Exercise Trainer
Administration
Insurance
Research Groups
Family &
Friends
Friends
Spouse
Co-Workers
Children
Relatives
Siblings
Parents

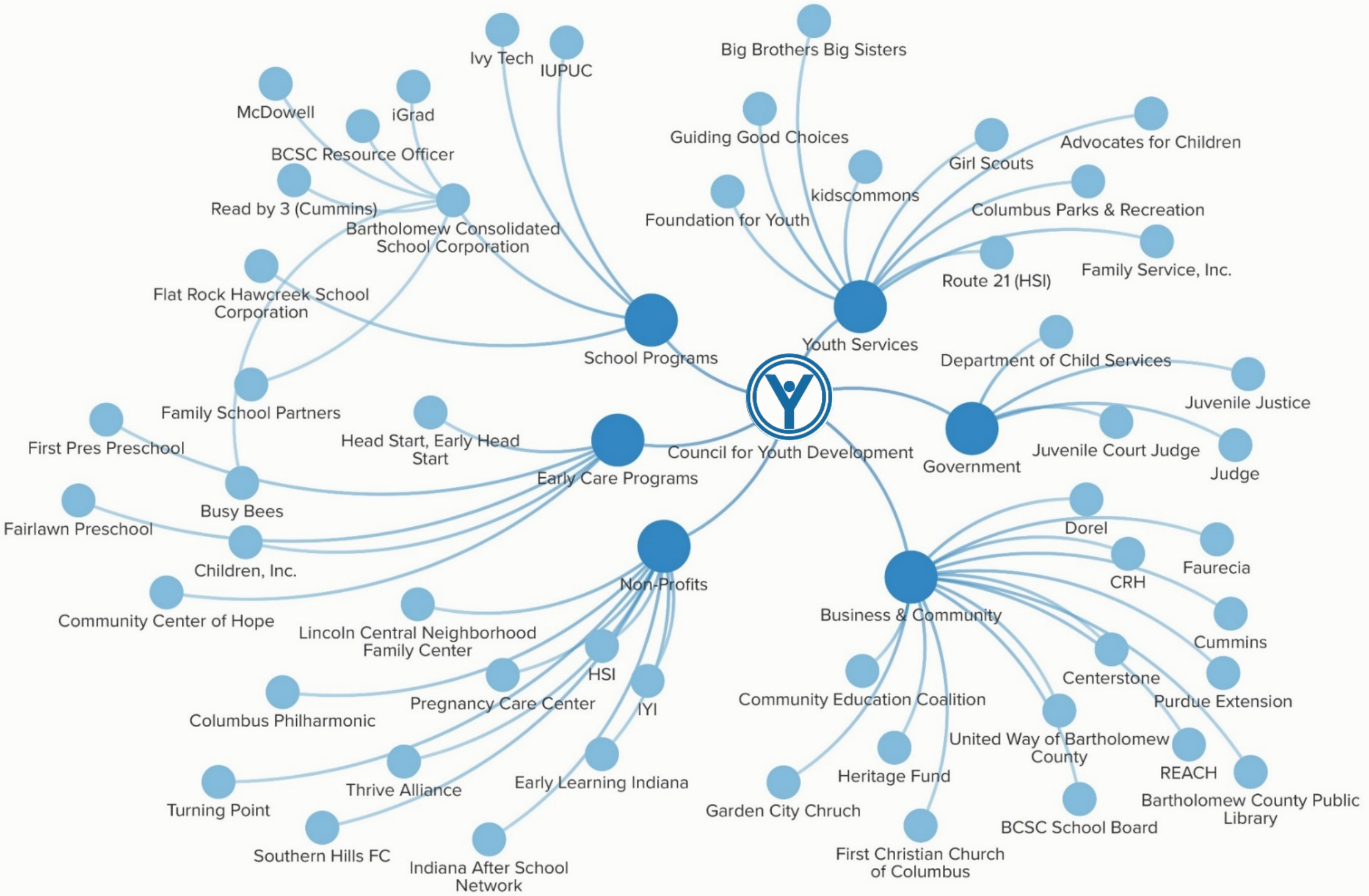

Other factors
Language
Age
Place
Behavior patterns
Gender
Emotional care
Ethnicity
People
Home
Computer
Medicine storage place
Garage
Phone
Primary doctor's office
Waiting room
Bathroom
Lounge area
Parking
Examination rooms
Staff's office
Spouse
Friends
Parents
Prescription
Education
Patient
Primary care doctor
Transportation
Nurse
Visitors
Scheduling
Economics
Co-patient
Insurance agents
Asistant
Drug Store
Background
Specialist
Hospital
Time
Religion
Diagnosis
Specilists office
Diversity
Communication
Culture
Medical devices

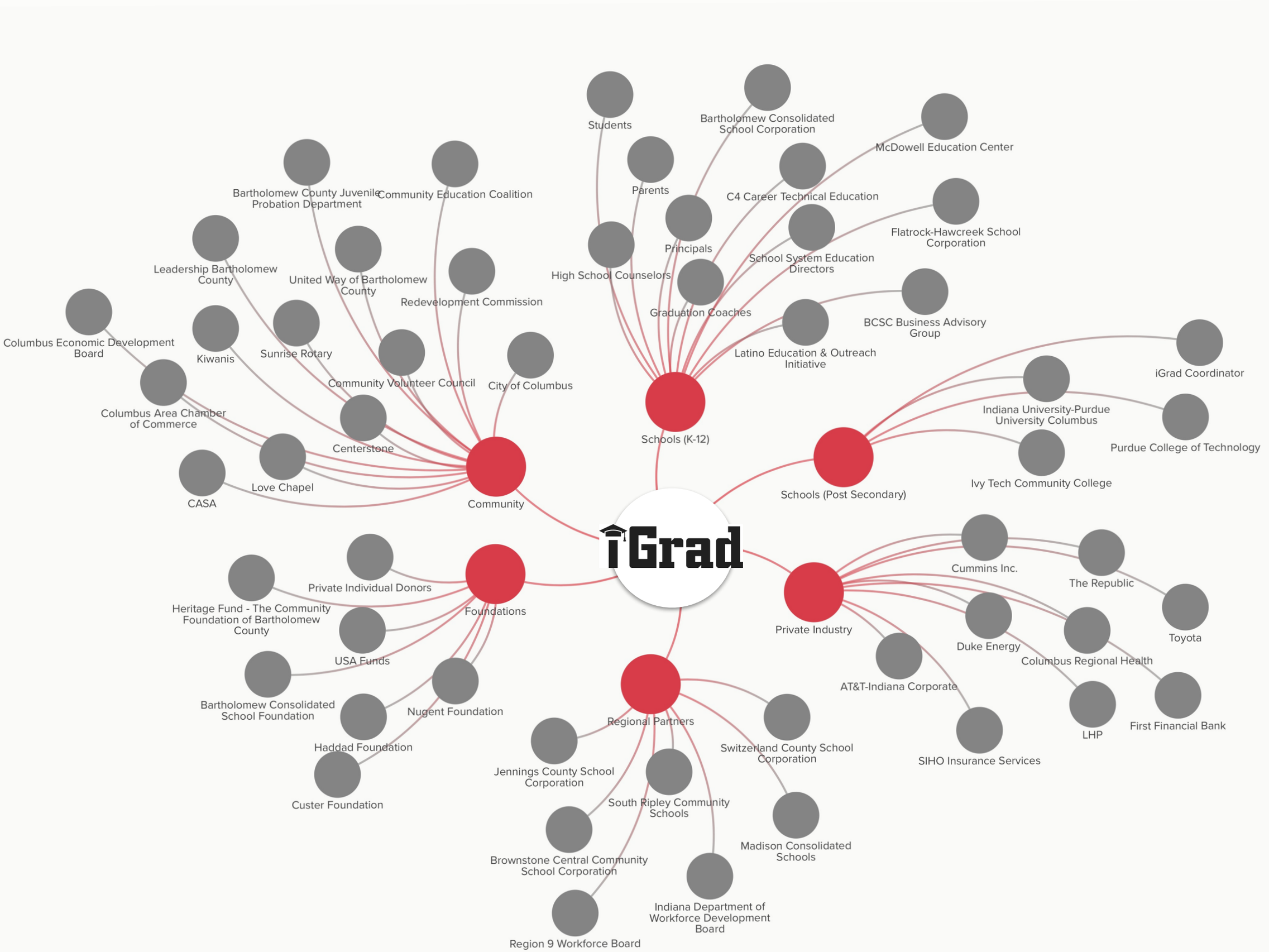


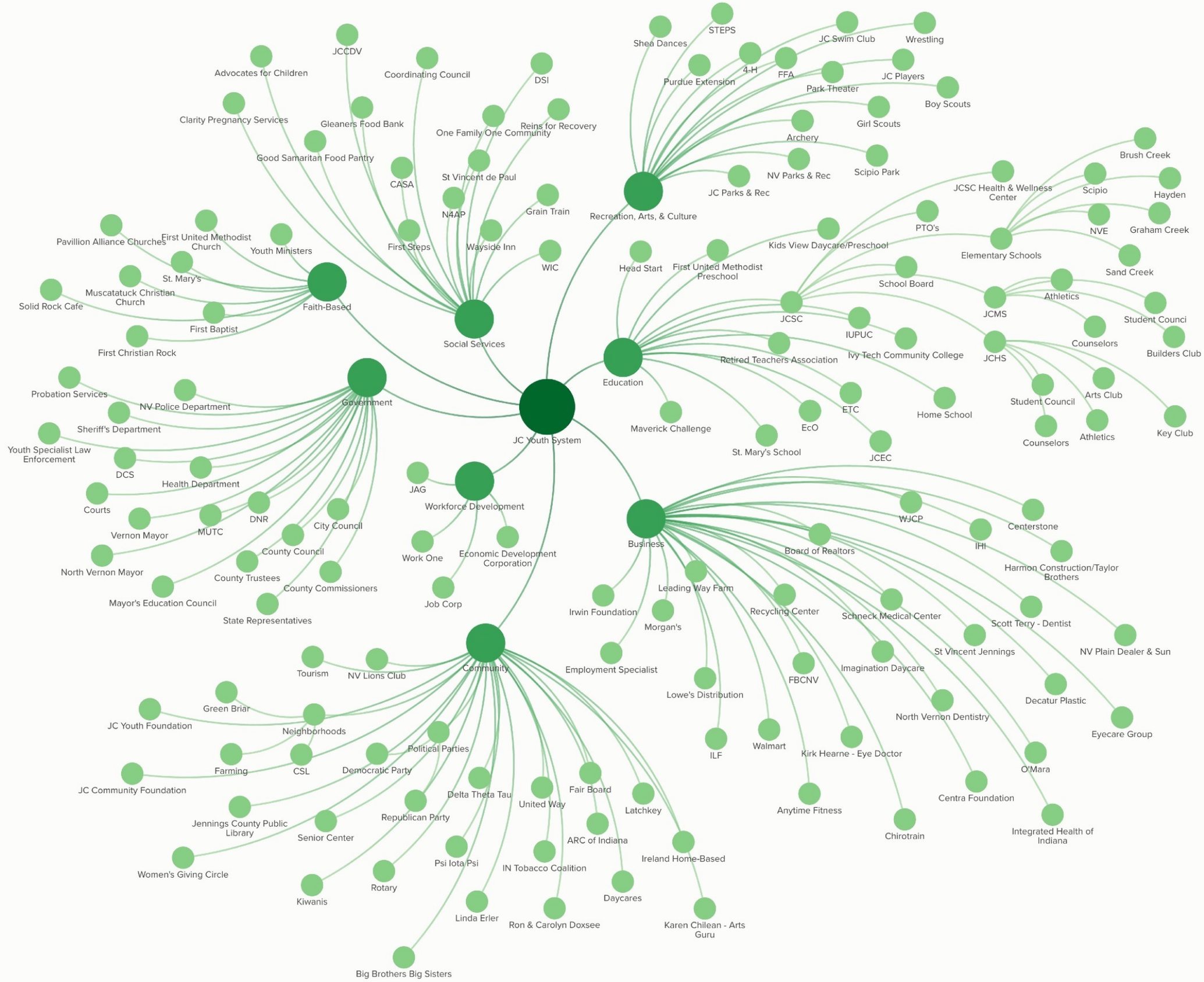
Marion County STEM Education Network

The purpose of the **Marion County STEM Education Network** is to build a coordinated and aligned network of support to prepare Marion County K-12 students with STEM skills to succeed in education, careers, and life.


Sara Sanders
First Presbyterian Church
Nancy Millspaugh
Joan McCluskey
Suzi Bruin
Bartholomew Consolidated School Corporation
IUPUC
Hot Meal Sites
Chad Mayer
Gleaners Food Bank of Indiana
Andrea Wallace
Lisa Garrison
Schools
Flat Rock Hawcreek School Corporation
Hope Food Bank
Chelsea Kendall
Elizabeth Kestler
Food Banks
Love Chapel
Bartholomew County Hunger Coalition
Laura Wenzler
Martha Griffith
Ruth Means
Thrive Alliance
Abby Garcia
Faurecia
Tobi Herron
Business
Community
Accessability
Cindy Olson
Josh Inman
Healthy Communities
Harriet Armstrong
Cummins
LBC (CCL)
Purdue Extension - Family Resource Management
Molly Marsnall
Julie DelGenio
Matt McQueen
Institute for Coalition Building
Lynette Farless
United Way of Bartholomew County
Amber Fischvogt
UW 2-1-1
Mill Race Center
Mark Stewart
Food Co-op
Alicia McCreary
Kevin McCracken
Paula Herlitz
SaraBeth Drybread

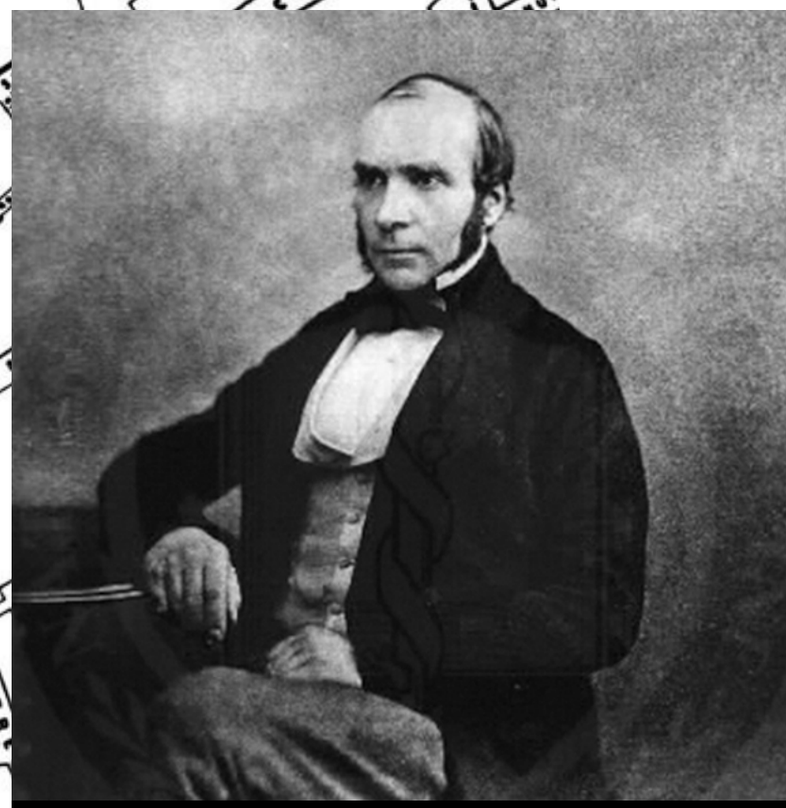

Ivy Tech
IUPUC
Big Brothers Big Sisters
McDowell
iGrad
Guiding Good Choices
Advocates for Children
BCSC Resource Officer
Girl Scouts
kidscommons
Read by 3 (Cummins)
Columbus Parks & Recreation
Foundation for Youth
Bartholomew Consolidated School Corporation
Route 21 (HSI)
Family Service, Inc.
Flat Rock Hawcreek School Corporation
School Programs
Youth Services
Department of Child Services
Family School Partners
Juvenile Justice
First Pres Preschool
Head Start, Early Head Start
Council for Youth Development
Government
Juvenile Court Judge
Early Care Programs
Judge
Busy Bees
Fairlawn Preschool
Dorel
Children, Inc.
Faurecia
CRH
Non-Profits
Business & Community
Community Center of Hope
Cummins
Lincoln Central Neighborhood Family Center
HSI
Centerstone
Community Education Coalition
Pregnancy Care Center
IYI
Purdue Extension
Columbus Philharmonic
United Way of Bartholomew County
Heritage Fund
REACH
Thrive Alliance
Early Learning Indiana
Garden City Chruch
Bartholomew County Public Library
Turning Point
BCSC School Board
Southern Hills FC
First Christian Church of Columbus
Indiana After School Network


iGrad
Community
Schools (K-12)
Schools (Post Secondary)
Foundations
Private Industry
Regional Partners
Students
Parents
Principals
High School Counselors
Graduation Coaches
Bartholomew Consolidated School Corporation
McDowell Education Center
C4 Career Technical Education
Flatrock-Hawcreek School Corporation
School System Education Directors
BCSC Business Advisory Group
Latino Education & Outreach Initiative
iGrad Coordinator
Indiana University-Purdue University Columbus
Purdue College of Technology
Ivy Tech Community College
Bartholomew County Juvenile Probation Department
Community Education Coalition
Leadership Bartholomew County
United Way of Bartholomew County
Redevelopment Commission
Columbus Economic Development Board
Kiwanis
Sunrise Rotary
Community Volunteer Council
City of Columbus
Columbus Area Chamber of Commerce
Centerstone
Love Chapel
CASA
Private Individual Donors
Heritage Fund - The Community Foundation of Bartholomew County
USA Funds
Bartholomew Consolidated School Foundation
Nugent Foundation
Haddad Foundation
Custer Foundation
Cummins Inc.
The Republic
Toyota
Duke Energy
Columbus Regional Health
AT&T-Indiana Corporate
LHP
First Financial Bank
SIHO Insurance Services
Jennings County School Corporation
South Ripley Community Schools
Switzerland County School Corporation
Brownstone Central Community School Corporation
Madison Consolidated Schools
Indiana Department of Workforce Development Board
Region 9 Workforce Board


JC Youth System
Government
Probation Services
NV Police Department
Sheriff's Department
Youth Specialist Law Enforcement
DCS
Health Department
Courts
Vernon Mayor
MUTC
DNR
City Council
County Council
North Vernon Mayor
County Trustees
County Commissioners
Mayor's Education Council
State Representatives
Social Services
JCCDV
Advocates for Children
Coordinating Council
DSI
Clarity Pregnancy Services
Gleaners Food Bank
One Family One Community
Reins for Recovery
Good Samaritan Food Pantry
CASA
St Vincent de Paul
N4AP
Grain Train
First Steps
Wayside Inn
WIC
Faith-Based
Pavillion Alliance Churches
First United Methodist Church
Youth Ministers
St. Mary's
Muscatatuck Christian Church
Solid Rock Cafe
First Baptist
First Christian Rock
Recreation, Arts, & Culture
Shea Dances
STEPS
JC Swim Club
Wrestling
Purdue Extension
4-H
FFA
Park Theater
JC Players
Boy Scouts
Girl Scouts
Archery
Scipio Park
NV Parks & Rec
JC Parks & Rec
Education
Head Start
First United Methodist Preschool
Kids View Daycare/Preschool
PTO's
JCSC Health & Wellness Center
Brush Creek
Scipio
Hayden
NVE
Graham Creek
Elementary Schools
Sand Creek
School Board
JCSC
IUPUC
Ivy Tech Community College
Retired Teachers Association
JCMS
Athletics
Student Counci
Counselors
Builders Club
JCHS
Student Council
Arts Club
Athletics
Key Club
Counselors
Maverick Challenge
St. Mary's School
EcO
ETC
JCEC
Home School
Workforce Development
JAG
Work One
Economic Development Corporation
Job Corp
Business
WJCP
Centerstone
IHI
Harmon Construction/Taylor Brothers
Board of Realtors
Irwin Foundation
Morgan's
Leading Way Farm
Employment Specialist
Lowe's Distribution
Recycling Center
FBCNV
Schneck Medical Center
Imagination Daycare
Scott Terry - Dentist
St Vincent Jennings
NV Plain Dealer & Sun
Decatur Plastic
North Vernon Dentistry
Eyecare Group
ILF
Walmart
Kirk Hearne - Eye Doctor
O'Mara
Anytime Fitness
Centra Foundation
Chirotrain
Integrated Health of Indiana
Community
Tourism
NV Lions Club
Green Briar
JC Youth Foundation
Neighborhoods
Political Parties
Farming
CSL
Democratic Party
JC Community Foundation
Jennings County Public Library
Senior Center
Women's Giving Circle
Kiwanis
Republican Party
Rotary
Delta Theta Tau
Psi Iota Psi
Linda Erler
Big Brothers Big Sisters
United Way
IN Tobacco Coalition
Ron & Carolyn Doxsee
Fair Board
ARC of Indiana
Latchkey
Ireland Home-Based
Daycares
Karen Chilean - Arts Guru

Geographic Data Maps

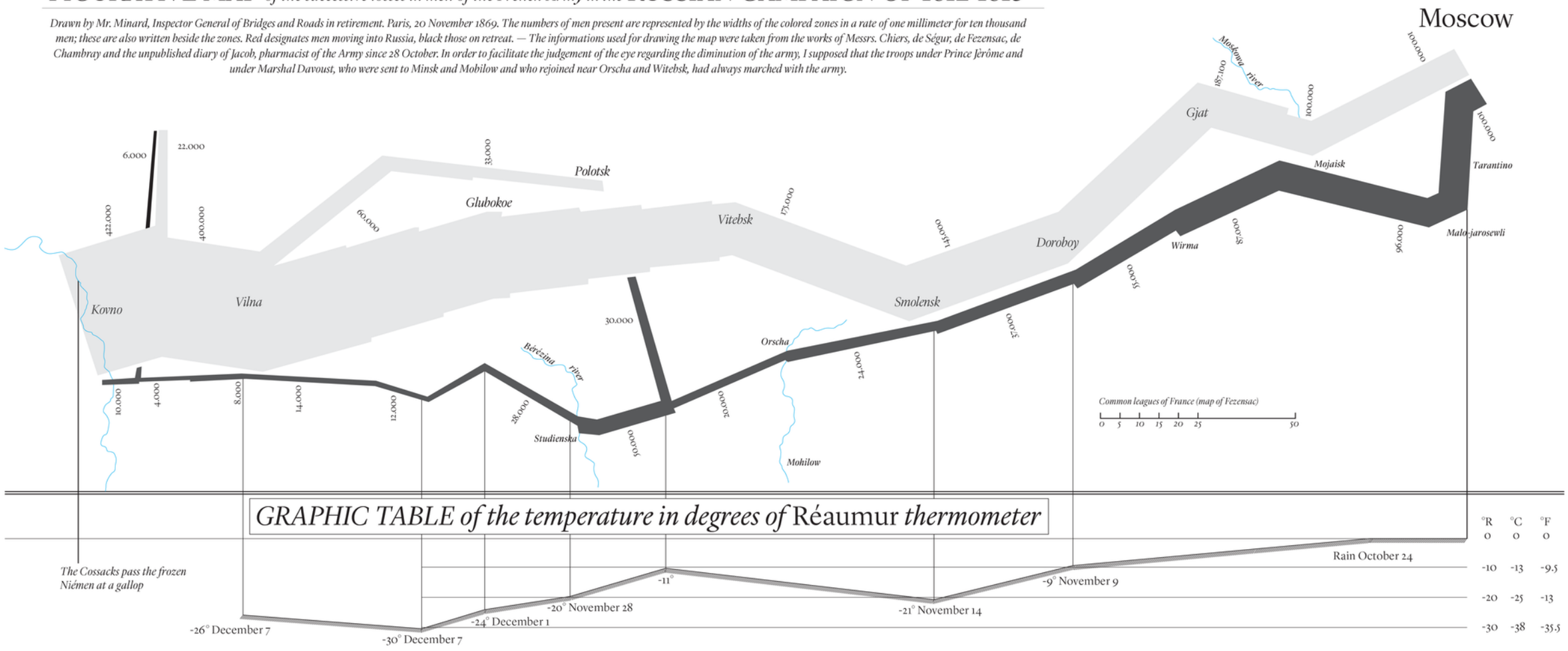




Dr. John Snow
1854 Broad Street cholera outbreak

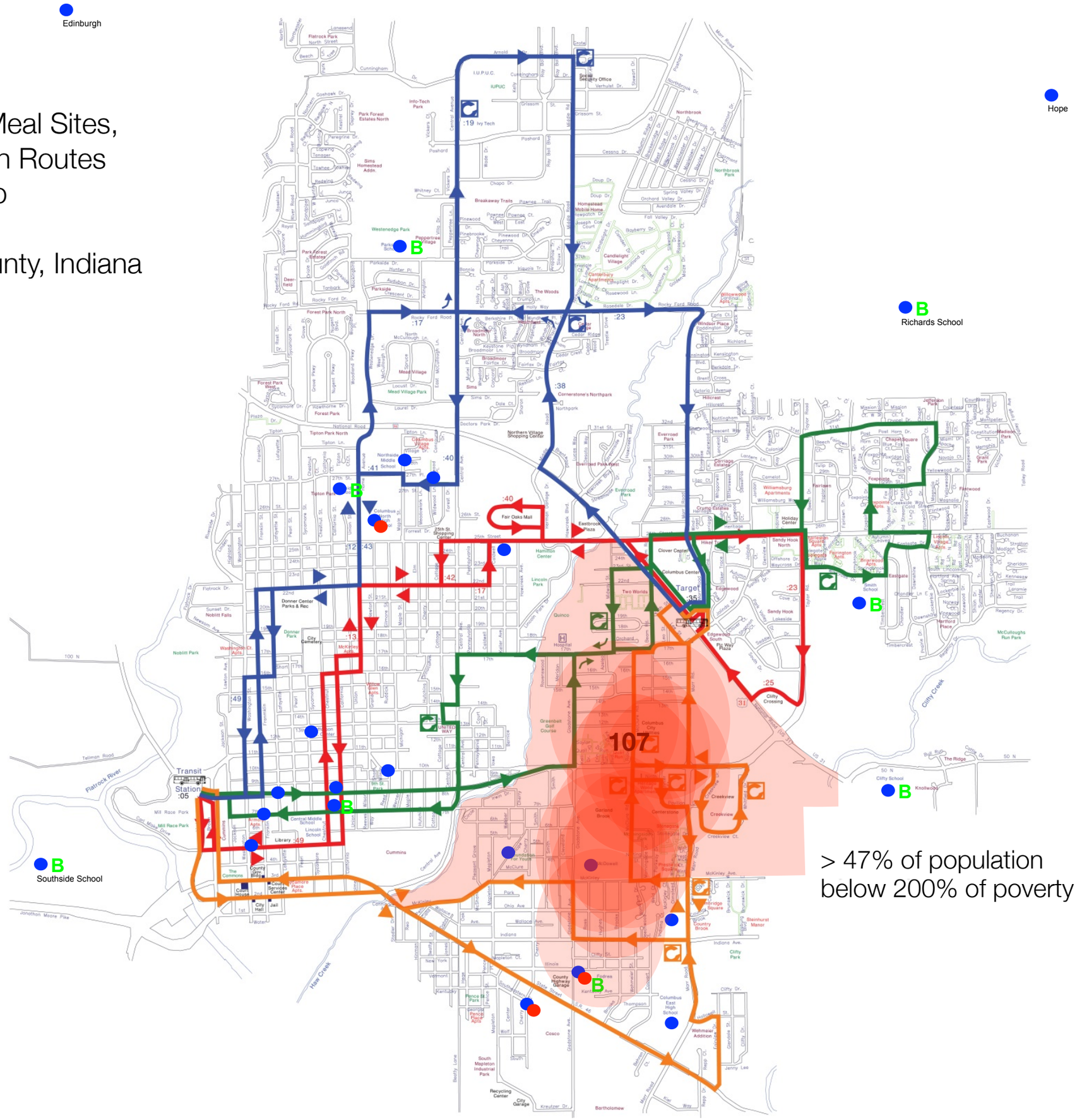
FIGURATIVE MAP of the successive losses in men of the French Army in the *RUSSIAN CAMPAIGN OF 1812-1813*

Drawn by Mr. Minard, Inspector General of Bridges and Roads in retirement. Paris, 20 November 1869. The numbers of men present are represented by the widths of the colored zones in a rate of one millimeter for ten thousand men; these are also written beside the zones. Red designates men moving into Russia, black those on retreat. — The informations used for drawing the map were taken from the works of Messrs. Chiers, de Ségur, de Fezensac, de Chambray and the unpublished diary of Jacob, pharmacist of the Army since 28 October. In order to facilitate the judgement of the eye regarding the diminution of the army, I supposed that the troops under Prince Jérôme and under Marshal Davoust, who were sent to Minsk and Mobilow and who rejoined near Orscha and Witebsk, had always marched with the army.



Food Bank, Hot Meal Sites, and Transportation Routes Current State Map

Bartholomew County, Indiana



1990 Census | 2000 Census | 2013 ACS 2012 CBP

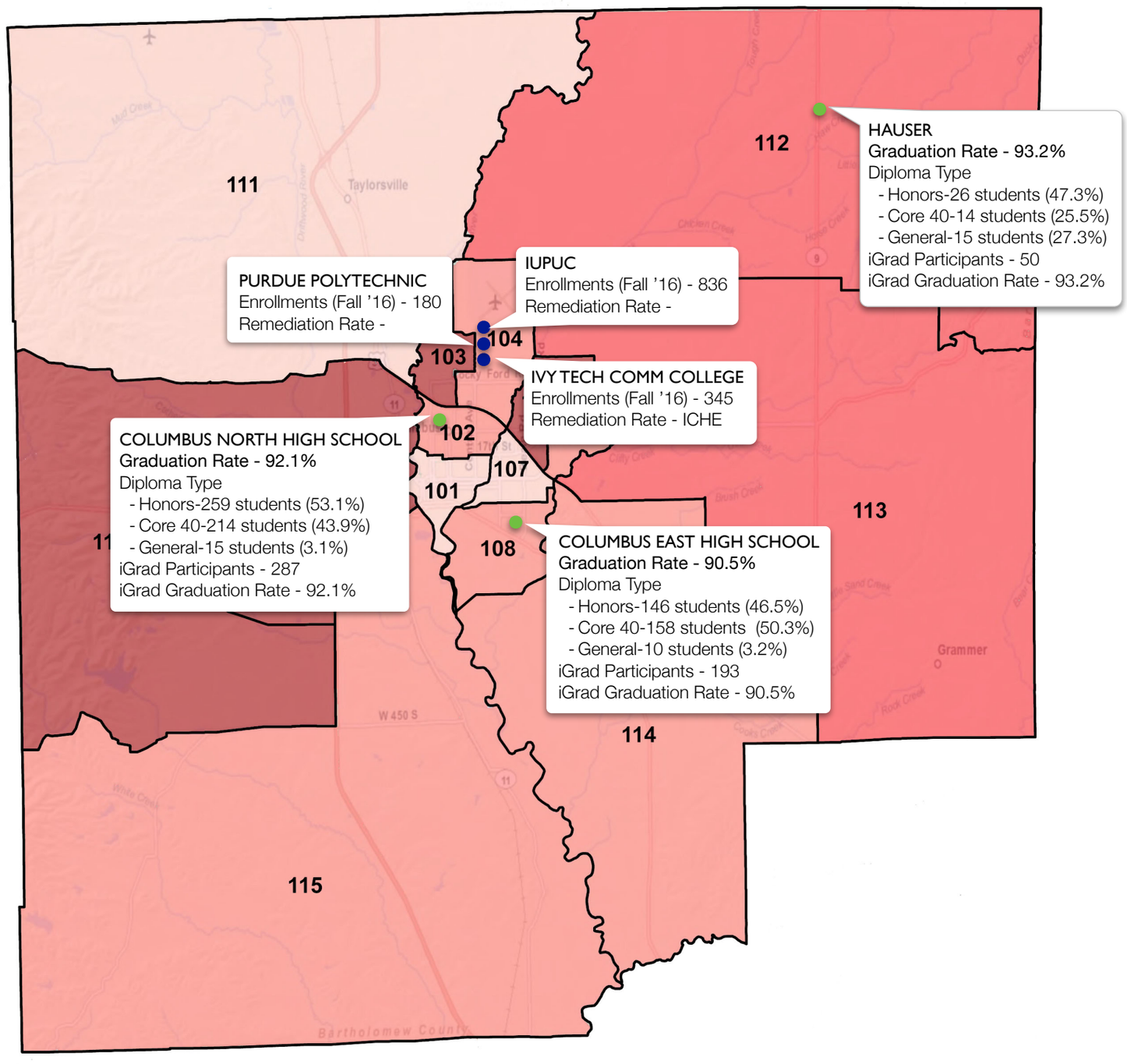
Select a Measure
High school graduate or more

Show by
Census Tract

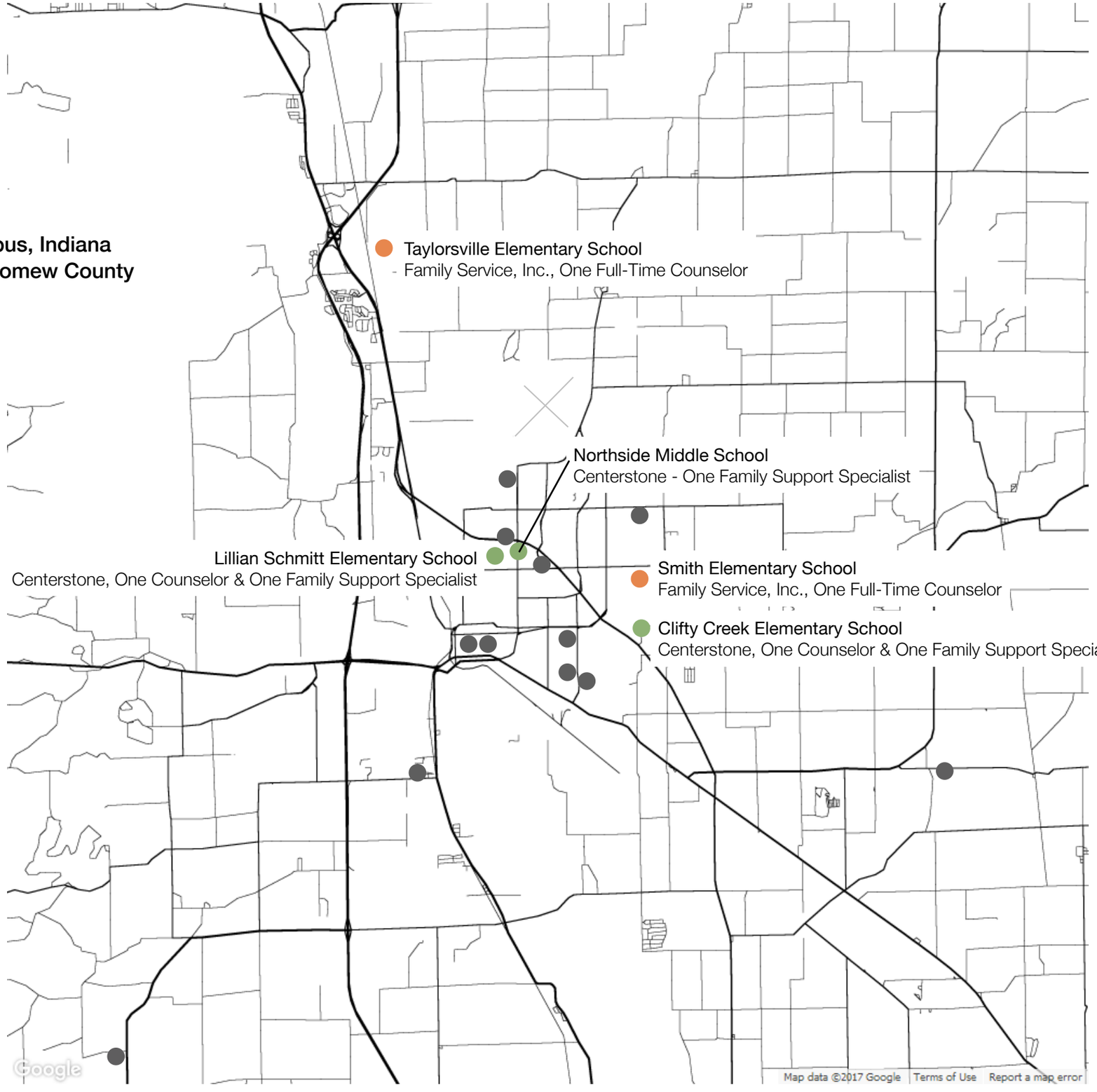
Bartholomew County, Indiana

Population 25 Years and over	52,208
Population 25 Years and over: High School Graduate or more (includes equivalency)	46,520 (89.1%)

< 100 | < 75 | 75 | 85 | 90 | > 95



Columbus, Indiana
Bartholomew County



Approved On My Way Pre-K Programs & Children with Grants vs. Concentration of CCDF Children

Marion County
Indiana

Map Key

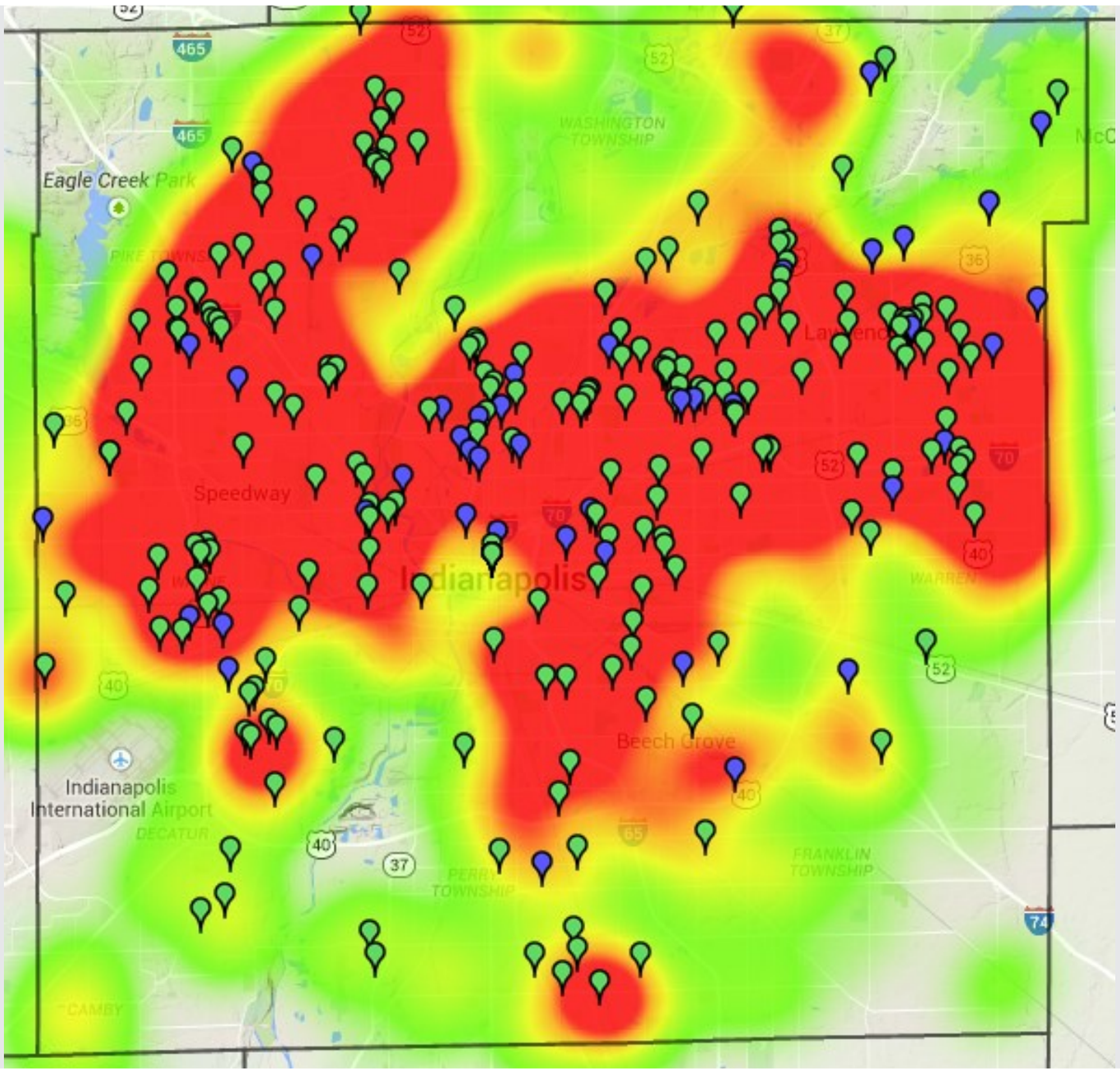
Approved On My Way Pre-K Programs: 43 Total

Children with On My Way Pre-K Grant: 216 Total

Concentration of CCDF Children

LOW — HIGH

Created on: 12/18/2014



For more information, please contact datahelp@iaccrr.org

3901 N. Meridian Street, Suite 200 | Indianapolis, IN 46208

phone (317) 924-5202 | fax (317) 924-5102 | toll-free (800) 299-1627

www.iaccrr.org

IACCRR
indiana association for child care resource & referral
building networks to support families, providers and communities

Map of Philadelphia with percent of all residential addresses that were vacant in the first quarter of 2014.

Percent of all residential addresses that were vacant in the first quarter of 2014.

Percent of all residential addresses that were vacant in Quarter 1 (ending in March) of 2014. Percentage calculated as the number of residential addresses that were vacant (seasonal and non-seasonal), divided by the total number of valid postal addresses, including vacant and no-stat addresses. Vacant postal addresses are those where mail has not been collected for at least 90 days, excluding PO Boxes and rural route addresses. Percentages are suppressed in areas where the number of residential addresses that were vacant was greater than the total number of valid residential addresses on record. Percent calculations based on the count of all postal addresses are only available beginning in Q3 2013. Areas where values were suppressed or not provided, and areas where no geographic information could be accurately located on the map are displayed as having Insufficient Data.

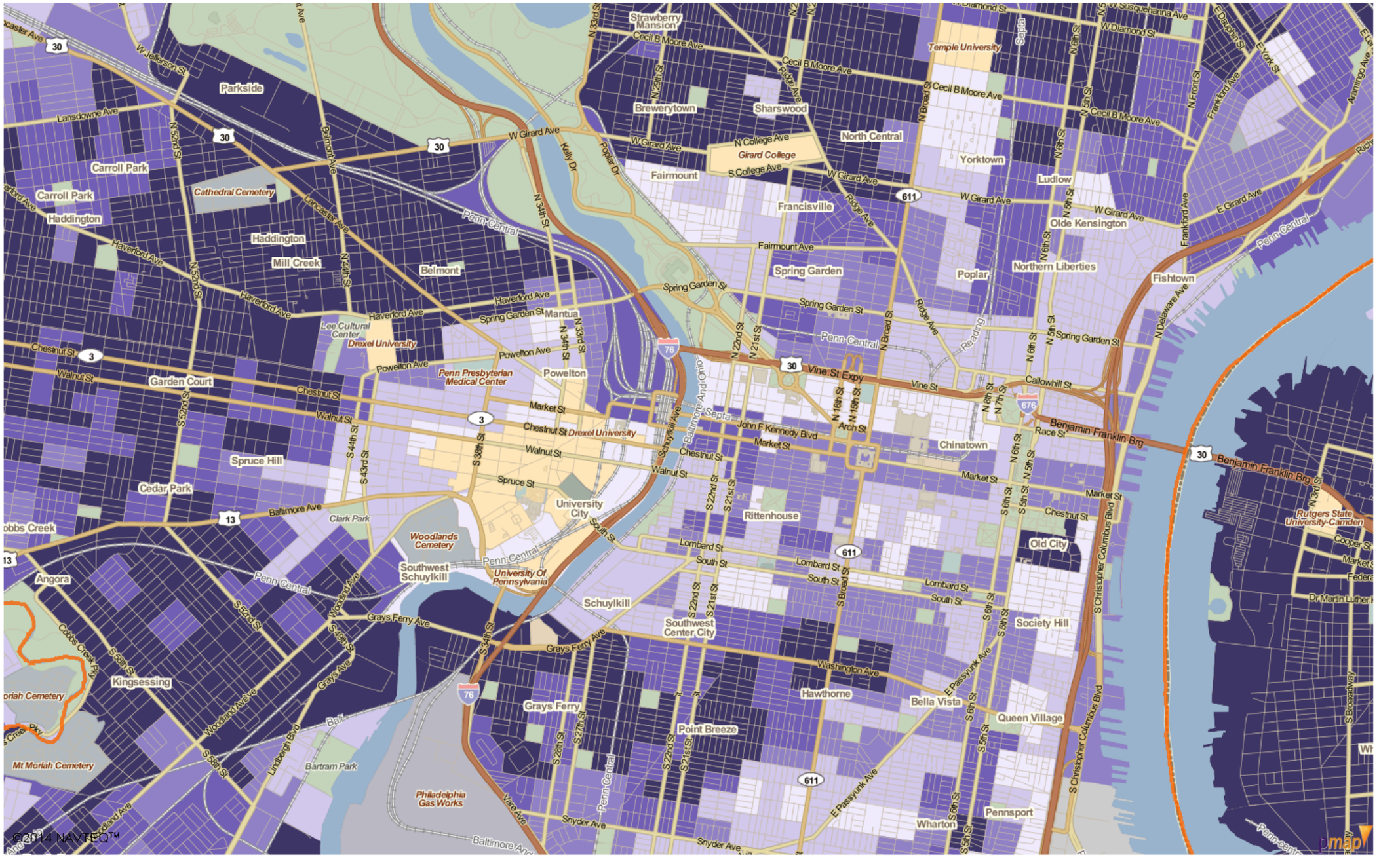
Legend

Year
2014q1

Variable
% 2

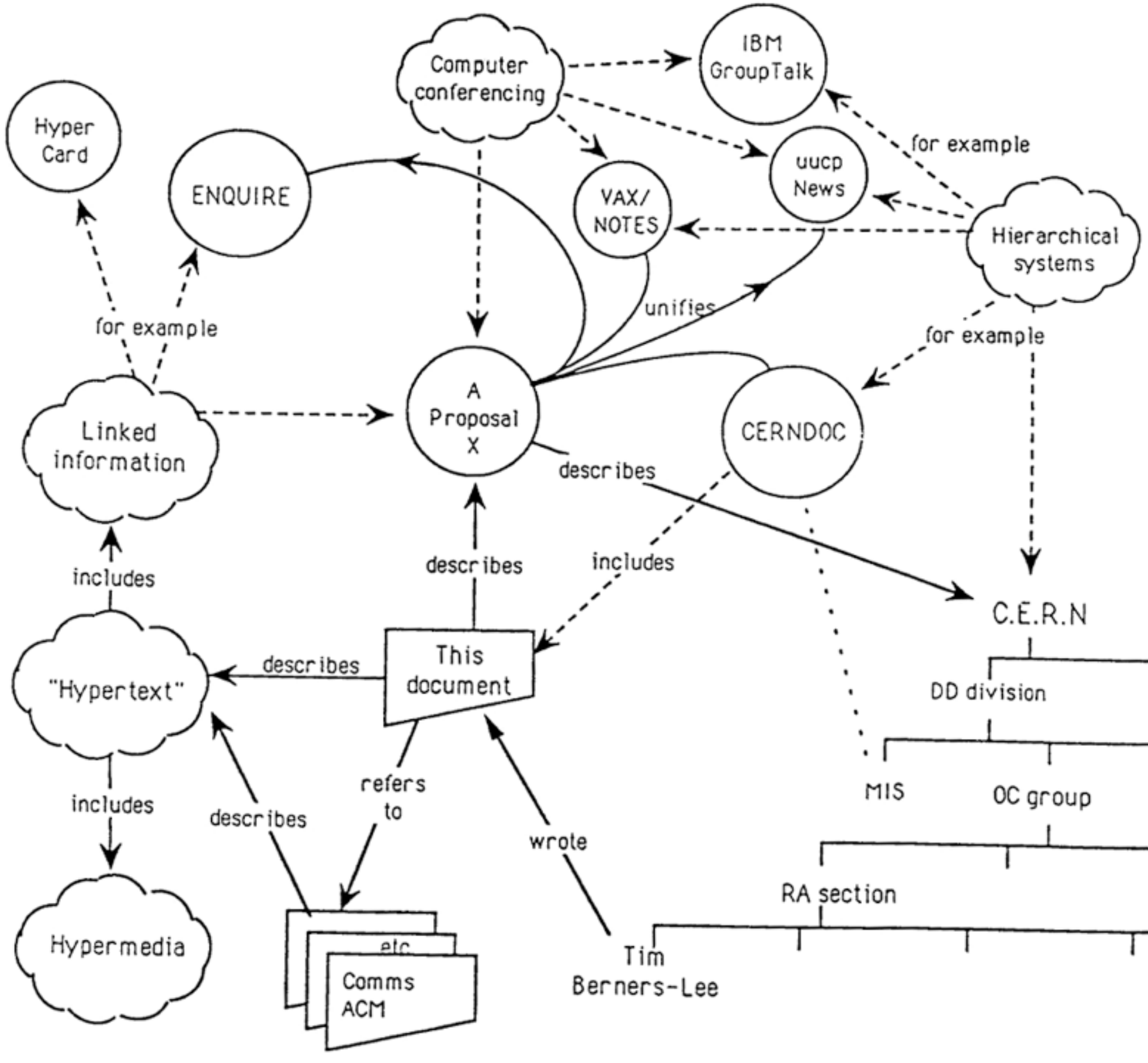
- Insufficient Data
- 1.04% or less
- 1.05% - 2.24%
- 2.25% - 4.11%
- 4.12% - 8.16%
- 8.17% or more

Shaded by: Block Group, 2010
Source: Valassis Lists



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Systems or Network Maps


Hyper Card
ENQUIRE
Computer conferencing
IBM GroupTalk
uucp News
VAX/ NOTES
for example
Hierarchical systems
unifies
for example
for example
Linked information
A Proposal X
CERNDOC
describes
includes
describes
includes
C.E.R.N
"Hypertext"
describes
This document
DD division
MIS
OC group
includes
describes
refers to
wrote
RA section
Hypermedia
etc
Comms ACM
Tim Berners-Lee

THE FUTURE STATE

The Mental Health Student Support System

Existing Practices
New Practices
New Investment

The goal of **Bartholomew Consolidated School Corporation (BCSC)** is to develop a holistic, systems approach to addressing the mental health needs of our pre-K to 12th-grade students. The system should create a cross-sector continuum of mental health services that: 1) identifies students with mental health needs, 2) addresses gaps between inpatient and outpatient services, 3) removes barriers that impede mental health wellness, 4) monitors the follow-through of parents and caregivers, and 5) empowers students to discuss their mental health issues and eliminates the stigma around such conversations.

COUNSELING SERVICES

Students

K-12 Counselors

Standardized Student Referral Process and Seamless Data Across the Next Grade Level

The Greatest Need: According to the analyzed primary and secondary data, BCSC has a greater rate of suicide ideation, depression, and somatic complaints than the State or Nation, especially during the critical middle-school years. In 2015, Columbus Regional Health's Community Health Needs Assessment Survey ranked mental health and mental disorders as the number one critical health issue affecting Bartholomew County.

SYSTEM COORDINATION

Whole School, Whole Community, Whole Child Guiding Team

Healthy: Kelli Thompson, Director of Health Services, RN

Safe: Larry Perkinson, Student Services Director

Engaged: Bill Jensen, Director of Secondary Education

Supported: iGrad, Centerstone, UDL Coaches, Developmental Assets

Challenged: K-12 Counselors

Sustainable: Key Community Stakeholders and Partners

Coordinated: Counseling Counts System Coordinator

United Way Dedicated 2-1-1 Counselor Support Service Line

SUPPORT SERVICES

Developmental Relationship Teams and Support Groups

ATTEND & Restart Program School Resource Officers

WellConnect Clinic and Telemedicine Pilot **Columbus Regional Health (CRH)**

Family Service, Inc, Counseling and Coordination

Centerstone Mental Health Services

iGrad Coaching Program Community Education Coalition, Cummins Inc. and Ivy Tech

IUPUC Mental Health Program

AmeriCorps Volunteers

Health Communities: Substance Abuse Crisis Response Initiative, Prevention Action Team and Mental Health Action Team

METRICS & EVALUATION

- Counselor Time Usage
- Indiana Youth Survey—Suicide Ideation Rate
- Massachusetts Youth Screening Instrument (MAYSI-2 Social/Emotional Indicator)
- Formative and Summative Asset Inventory Survey
- Student Gallup Poll Data (Hope Data)

DISTRICT

COMMUNITY

- Referrals Made/Cases Served
- Community Health Needs Assessment (CRH)
- United Way 2-1-1 Support Line Analysis Data

State of Readiness: For nearly twenty years, the Community Education Coalition has fostered a partnership of education, business, and community leaders focused on aligning and integrating the community learning system with economic growth and a high quality of life. As a result, the community has an intentional process for working together to create sustainable, outcomes-based solutions to complex education challenges.

Engagement Process: The community's stakeholder engagement process provides a proven common language and approach for the key stakeholders to work together in new ways. The process provides a disciplined framework for how practice can inform state policy and model practice for other communities.

Sustainability: The greatest challenge facing communities is that they find themselves being program-rich, but systems-poor. By coordinating relationships, policy, and process in a systemic way, the proposed model functions at a systems-level where once a change is made, the new behaviors, policies, and practices carry forward from that moment onward.

Scalable Innovation: The Counseling Counts approach is a paradigm shift in how communities think about and deliver school counseling services. The shift involves seeing the act of "counseling" a student not as somebody's job, but as the responsibility of the entire community. In short, the model provides a set of shared goals, as well as a defined process for building out the system and rewiring relationships among the key community stakeholders.

Case Management and Resource Delivery System

Community Service Touchpoints

Columbus, IN

2-1-1 Services, Faith Based Organizations, Social Service Agencies, Job Fairs

Client

Intake Site

Case Manager Assigned

Intake Assessment

Employment Plan

Client not ready for employment plan.

Create Client Track

Umbrella Organization serving specific barriers

Mental Health, Criminal History, Substance Abuse issues

Educational Institutions

GED, ESL, MSSC, Advanced Degrees

Job Skills Training Providers

Computer, Basic Math, Finance

Soft Skills Site

Training Providers

Individual

Institution

Support Service Providers

Food, Transportation, Childcare, Housing, Mentor, Additional Services

Job Ready

Career Advancement

Employers

Work One

Staffing Agencies

Career Fair

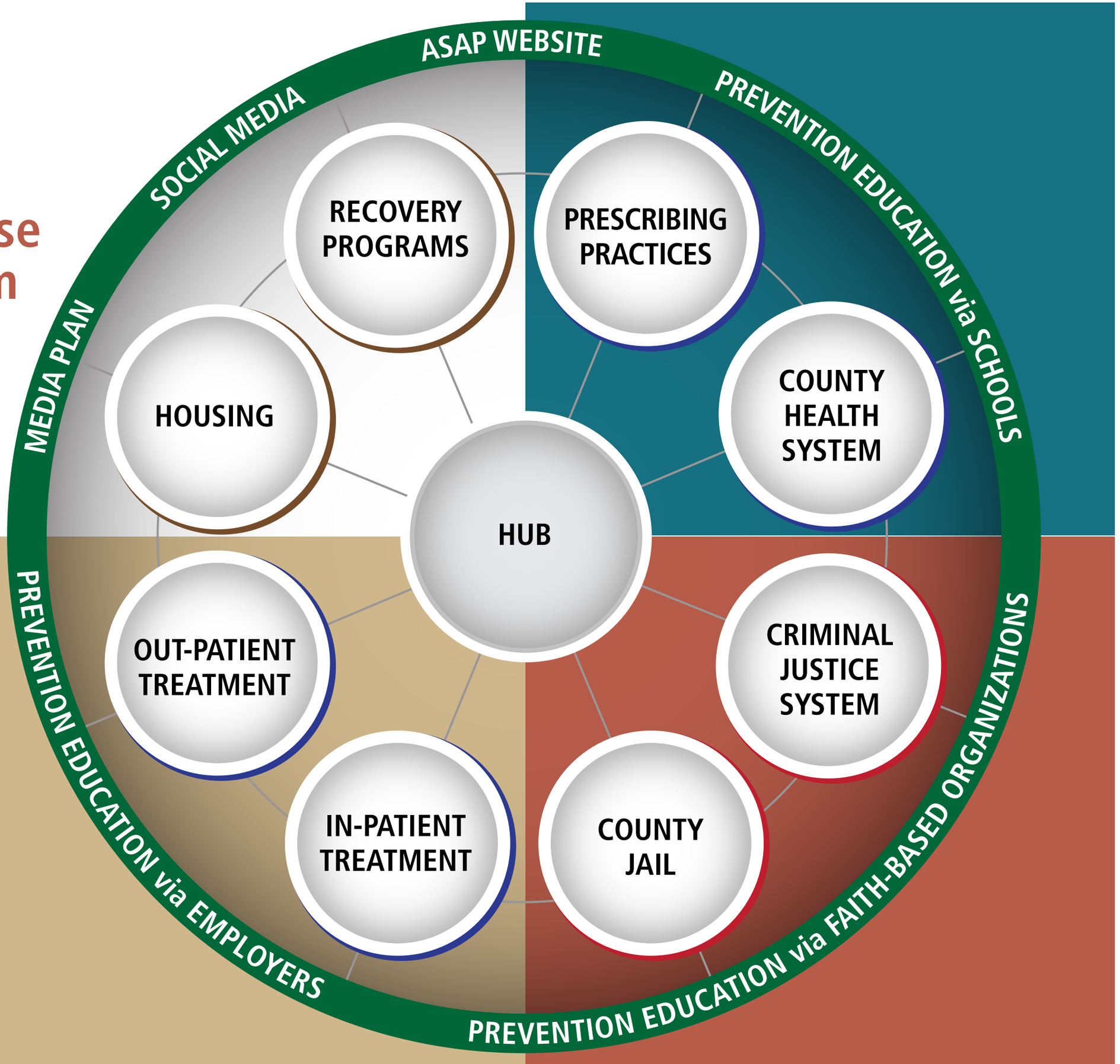
Sheltered Employment

Employment & Retention

ASAP

Alliance for Substance Abuse Progress in Bartholomew County

Substance Abuse Support System for Bartholomew County



Substance Abuse and Mental Health Map and Gap Analysis

Direct Service Through Lens of the Client

Self Identify

- Primary &Specialty Physician Services
- BCSC
- First Responders
- Family Friend
- 2-1-1
- Crisis Line
- Human Service Organization
  - -Love Chapel
  - -Turning Point
  - -Horizon House
  - -CCO Hope
  - -Thrive
- Veteran Services
- Military Fam .Asst. Center
- Pastors

- Private Providers
- Family Services
- Centerstone
- Columbus Regional Health
- Community Church of Columbus
- Volunteers in Medicine
- Adult & Child
- National Youth Advocate Program

Analyze Strength of Connections and Relationships

Mandated

- DCS (Informal Adjustment)
- Court

- Jail
- DCS/CHINS
- Court Services
  - -Probation (adults, children)
  - -Community Corrections
  - -Alcohol and drugs program
  - -Youth Services Center
  - (Drop-off, detention, shelter, day treatment)

- Parent Projects
- Functional Family Therapy
- WRAP (Women only)
- Anger Intervention Training
- Cognitive Behavior Intervention
- Moving On
- Stopping Abuse For Everyone
- Thinking for a Change
- Home Based Services

Analyze Barriers to Access (Capacity, ability to pay, insurance eligibility, distance from home)

- Residential/Inpatient
  - Fairbanks
  - Valle Vista
  - Tara
  - Harbor Lights
  - Meadows
  - Columbus Behavior Center
  - IARCCA list
  - CRH
  - Amethyse House
- Intensive Out Patient
- Methadone/Suboxone Clinic
- Recovery Coaches
- Day Treatment
- System of Care
- Out patient Counseling
  - -Group
  - -Individual
- 12 Step Programs
  - -Moms off Meth
  - -Alcoholics Anonymous
  - -Narcotics Anonymous
- Psycho Educational Groups
  - -Guiding Good Choices
  - -Celebrate Recovery

Substance Abuse

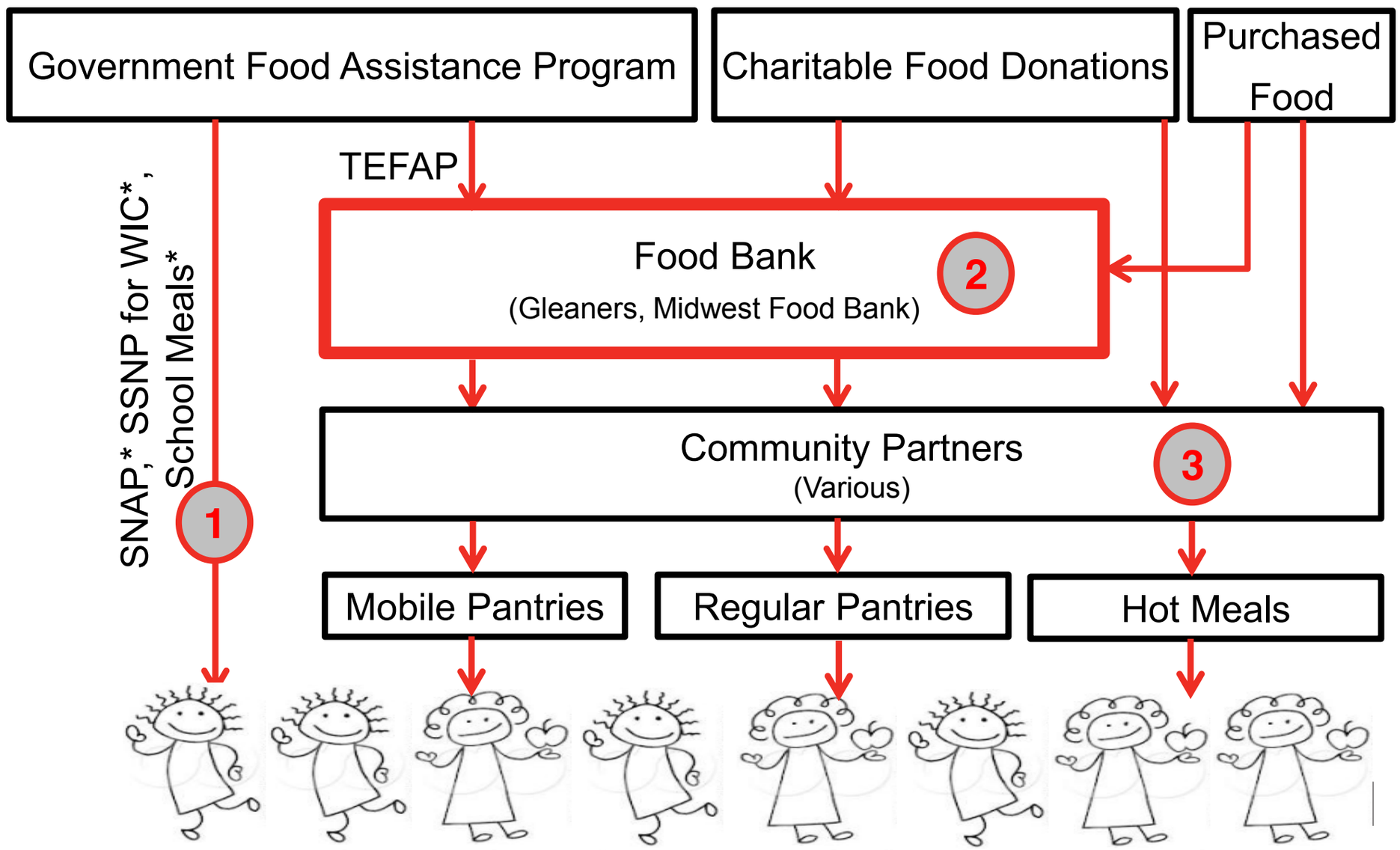
Mental Health

Children

6/26/14

Findings Deep Dive

Food Assistance Distribution Channel



*: It is assumed that food shortfall per “Map the Meal Gap” is after three major federal food assistance programs - SNAP, WIC, and School Meals.

Supply — **Coordination and Alignment** — **Demand**

Attracting Talent

- Talent and Competencies Demand Report
- Commuting Patterns and Net In-Migration
- H-1B Visa Demand and Intensity and EB-5 Visa Zones

Developing Talent

Age 0-5 | K 1 2 3 4 5 6 | 7 8 | 9 10 11 12

Education Partners and Pathways

- Pre-K
- K-12 Education
- Career Tech Ed.

- Dual Credit, Internships, Learn to Earn
- Certificates and Industry Credentials
- Associate's Degrees
- Bachelors, Masters, and Advanced Degrees
- Adult Education and Bartholomew County Works

Private Sector Education and Workforce Strategies

Workforce Training	Economic Incentives	HR and Staffing Companies

Engaging Talent

- Placemaking Strategies (Cummins Architecture Program, Vision 2020)
- Welcoming Community Strategies (Engage Columbus, CAMEO)
- Entrepreneurial Ecosystem: Co-Working and Maker Spaces

Guiding Coalition and Engagement Process

- U.S. Dept. of Labor
- Chamber of Commerce
- Columbus Area Visitors Center
- Economic Development Board
- Community Education Coalition
- Area Health Education Center

Regional Talent System

- Workforce Development Board
- Indiana Works Council
- Bartholomew County Works
- Community Foundation
- Redevelopment Commission

Talent Supply Data → **Talent Analytics System** ← Talent Demand Data

Talent Hub Index

Employer Talent Needs: Key Economic Clusters and Strengths

Target Competencies	Advanced Manufacturing	Engineering	Health Care	Community
Advanced Production	●			
Mechanical Engineering	●	●		
Precision Machining	●	●		
Electronics	●	●		
Computer-Aided Drawing	●	●		
Computing and Information Technology	●	●	●	
Nurse Practitioner			●	
Bachelor of Science in Nursing (BSN)			●	●
K-12 Educators				●

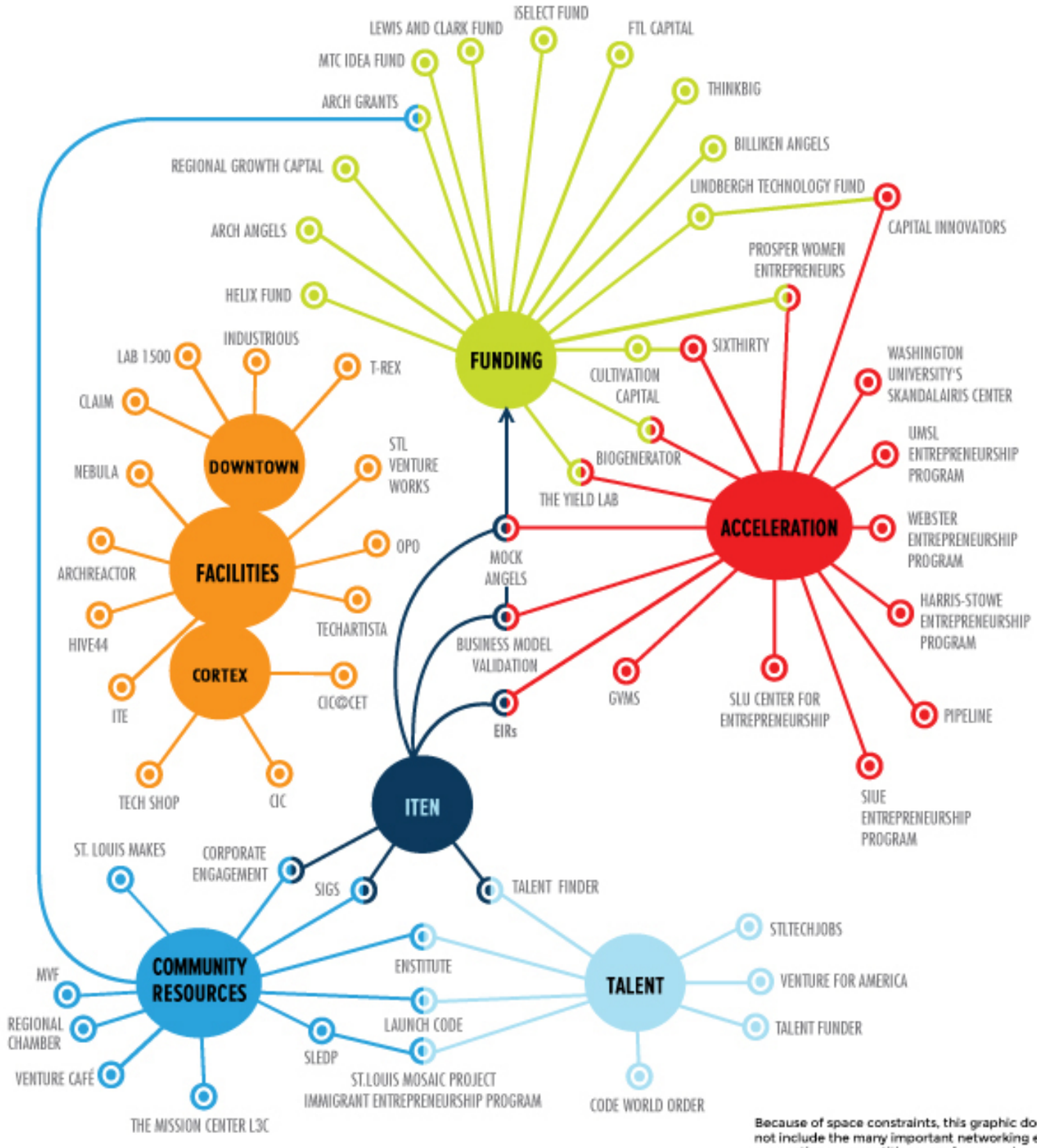
PRINCIPLES:

- System-Focused
- Real-Time, Dynamic
- Sharing the Same Information
- Shaping Relationships
- Process-Oriented

© 2015 TalentHubs

ST LOUIS

TECH STARTUP ECOSYSTEM



Because of space constraints, this graphic does not include the many important networking events, conventions, competitions, conferences, key service providers, sponsors and other fundamental elements of our region's thriving ecosystem.

St. Louis Startup Ecosystem Map

From organizations focused on building tech talent to some of the best accelerator programs in the country, St. Louis' startup community continues to evolve and grow at a rapid pace. Here's a 2015 snapshot of the community surrounding our entrepreneurs.

** Because our vibrant ecosystem and the startup space overall is constantly evolving, we may have missed some organizations or meetup groups. If so, let us know so that we can keep our map as up-to-date as possible. Leave a comment on the online map or eqstl.com/ecosystem-map.*

COMPETITIONS

Business plan contests that help entrepreneurs hone interview skills, give them access to peer and professional feedback and provide potential payoffs, including business plan validation, connections to mentors, cash prizes or other perks.

- STARTUP WEEKEND
- ACCELERATE ST. LOUIS CHALLENGE
- SLUP
- BUN CUP (WASHINGTON UNIVERSITY)
- GLOBALHACK
- ARCH GRANTS

FUNDERS

Can include venture capitalist firms, private investors, grant organizations and government entities. Funds can also come from accelerator programs that invest in the companies they induct into their mentoring programs in exchange for equity.

- HELIX FUND
- THINK BIG
- LEWIS & CLARK VENTURES
- BILLIKEN ANGEL NETWORK
- FOL CAPITAL
- ARCH ANGELS
- ISELECT FUND
- CIVIC PROGRESS
- REGIONAL GROWTH CAPITAL
- STADIA VENTURES
- BALSA FOUNDATION
- CULTIVATION CAPITAL
- SIOTHRITY
- RIVERVEST VENTURE PARTNERS
- BIDGENERATOR
- ITEN ENTREPRENEUR IN RESIDENCE

ACCELERATION

Accelerators (short-term) and incubators (long-term) assist startup businesses by providing money or operational resources such as discounted or free rent and technical, administrative and networking support to increase a company's chance of success. Most local universities have centers to accelerate student entrepreneurship.

- MTC IDEA FUNDS
- PROSPER WOMEN ENTREPRENEURS STARTUP ACCELERATOR
- PIPELINE ENTREPRENEURS
- MOCK ANGEL PROGRAM (ITEN)

Local university entrepreneurship programs incubate startups

Including Farmplicity (Wash U), FanzLive (SLU) and Rovertown (SIUE).

- SIUE ENTREPRENEURSHIP SPECIALIZATION
- HARRIS STOWE BOB VIRGIL CENTER FOR ENTREPRENEURSHIP
- WASHINGTON UNIVERSITY ENTREPRENEURSHIP PLATFORM AT BLUN
- WEBSTER UNIVERSITY ENTREPRENEURSHIP CERTIFICATE PROGRAM
- IDEA LABS WASHINGTON UNIVERSITY
- SLU CENTER FOR ENTREPRENEURSHIP
- UMSL CENTER FOR ENTREPRENEURSHIP & ECONOMIC EDUCATION
- LINDENWOOD UNIVERSITY BOREE CENTER FOR ENTREPRENEURSHIP
- ITEN BUSINESS MODEL VALIDATION
- SQUARE ONE
- ITEN CONCEPT DEVELOPMENT

COMMUNITY

Beyond funding, entrepreneurs need support through shared experiences, whether it's women's startup groups, or niche industry organizations or meetup groups. Community is the main goal, where feedback is given and challenges are addressed.

- BIOSTL
- STL PYTHON
- 1 MILLION CUPS
- PROSPER WOMEN ENTREPRENEURS
- SKANDALARIS CENTER AT WASHINGTON UNIVERSITY IDEABounce
- STARTLOUIS
- VENTURE CAFÉ
- GATEWAY VENTURE MENTORING SERVICE
- ITEN

TALENT AND TRAINING

Several local organizations offer help with pitching to investors, business plan development, access to investors or coding education, to name a few, while others may be designed to attract talent to the area through competitions or opportunity.

- CODE FOR AMERICA
- VENTURE FOR AMERICA
- GLOBALHACK
- LAUNCHCODER GIRL
- LAUNCHCODE
- TECH IMPACT

Organizations like these are working to close the entrepreneur gender gap.

52% of this year's Arch Grant recipients are women-led companies.

- LAUNCHCODE MENTOR CENTER
- BLUE 3647

CIVIC

Entities that promote the growth of business, real estate and community development through a variety of programs and initiatives, frequently providing enhanced services to businesses that contribute to the well-being and vitality of the region.

- OPEN DATA STL
- WORLD TRADE CENTER
- CITY OF ST. LOUIS
- ST. LOUIS REGIONAL CHAMBER
- SLATE
- U.S. SMALL BUSINESS ASSOCIATION
- ST. LOUIS ECONOMIC DEVELOPMENT PARTNERSHIP (SLEDP)
- REGIONAL BUSINESS COUNCIL
- MISSOURI TECHNOLOGY CORPORATION
- DOWNTOWN ST. LOUIS INC.
- MISSOURI PARTNERSHIP

T-REX already houses 150+ startups, plus funders & community groups

and has been called one of the fastest-growing tech incubators in the country.

- INNOVATIVE TECHNOLOGY ENTERPRISES (INNOTEC)
- STL VENTURE HUBBOS (SLEDP)
- RISE COLLABORATIVE
- HELIX CENTER BIOTECH INCUBATOR
- BPO STARTUPS
- PEER 1G1

FACILITIES

Facilities meant for startups—which may be for general fields or industry-specific—can offer a wide range of benefits, including reduced rent, shared services, close proximity to other entrepreneurs and community events.

- ARCH REACTOR
- CENTER FOR EMERGING TECHNOLOGIES (CORTEX)
- CIC@4240
- CLAIM ACADEMY
- THE HIVE 44
- NERDIA
- TECHSHOP (CORTEX)
- B HIVE
- EDIT 11
- T-REX
- INDUSTRIOUS
- TECHDIESTA

eq

For STL startup stories and resources like this map, go to EQSTL.com.

NETWORK MAP OF BOGOTÁ TECH SECTOR

Companies:

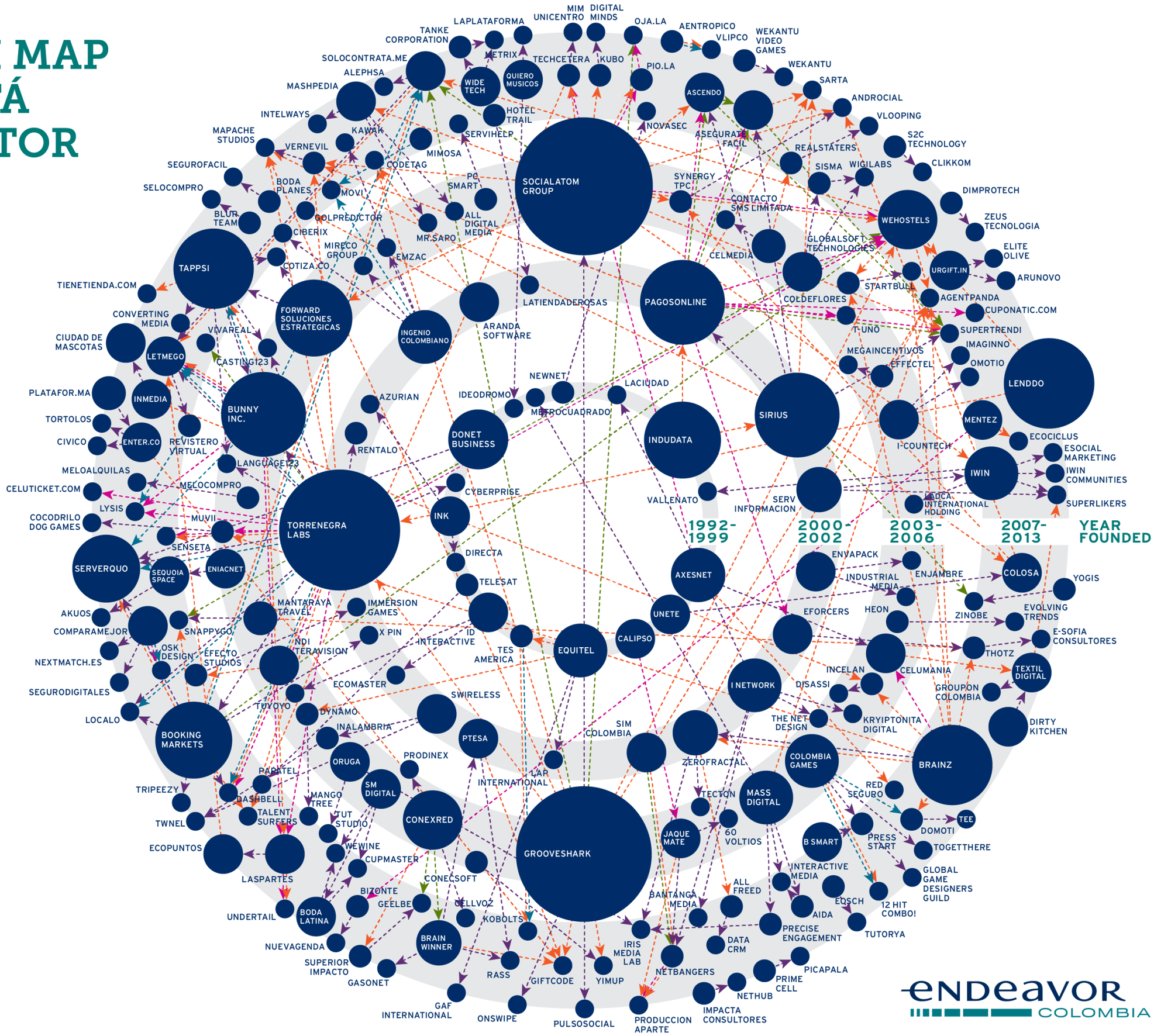
Size of circle reflects the number of outgoing connections of entrepreneurs at each company

Types of Connections:

- MENTORSHIP
- INSPIRATION
- INVESTMENT
- FORMER EMPLOYEE
- FOUNDER

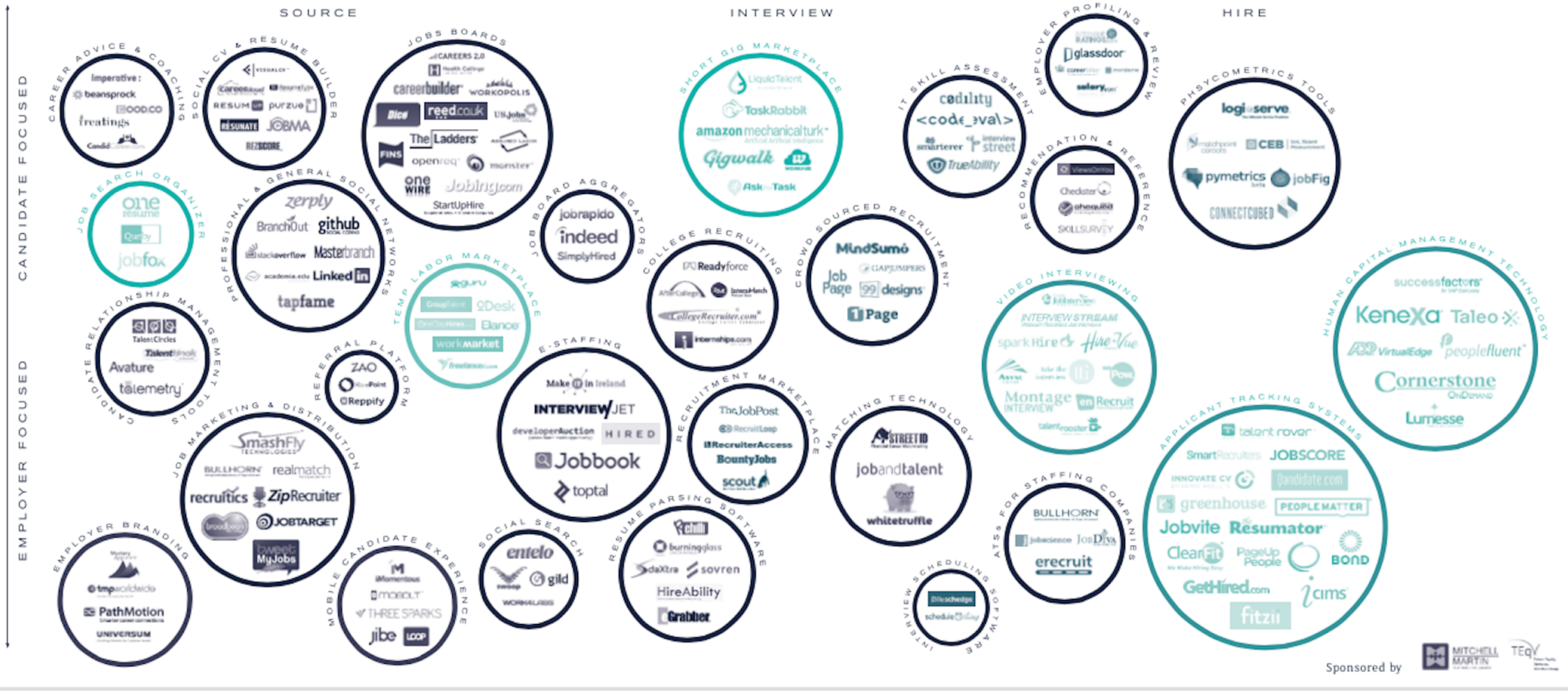
Note: Entrepreneurs are represented by their most prominent companies.

This map is based on survey data and is representative of connections among entrepreneurs, but may not be comprehensive.



endeavor INSIGHT

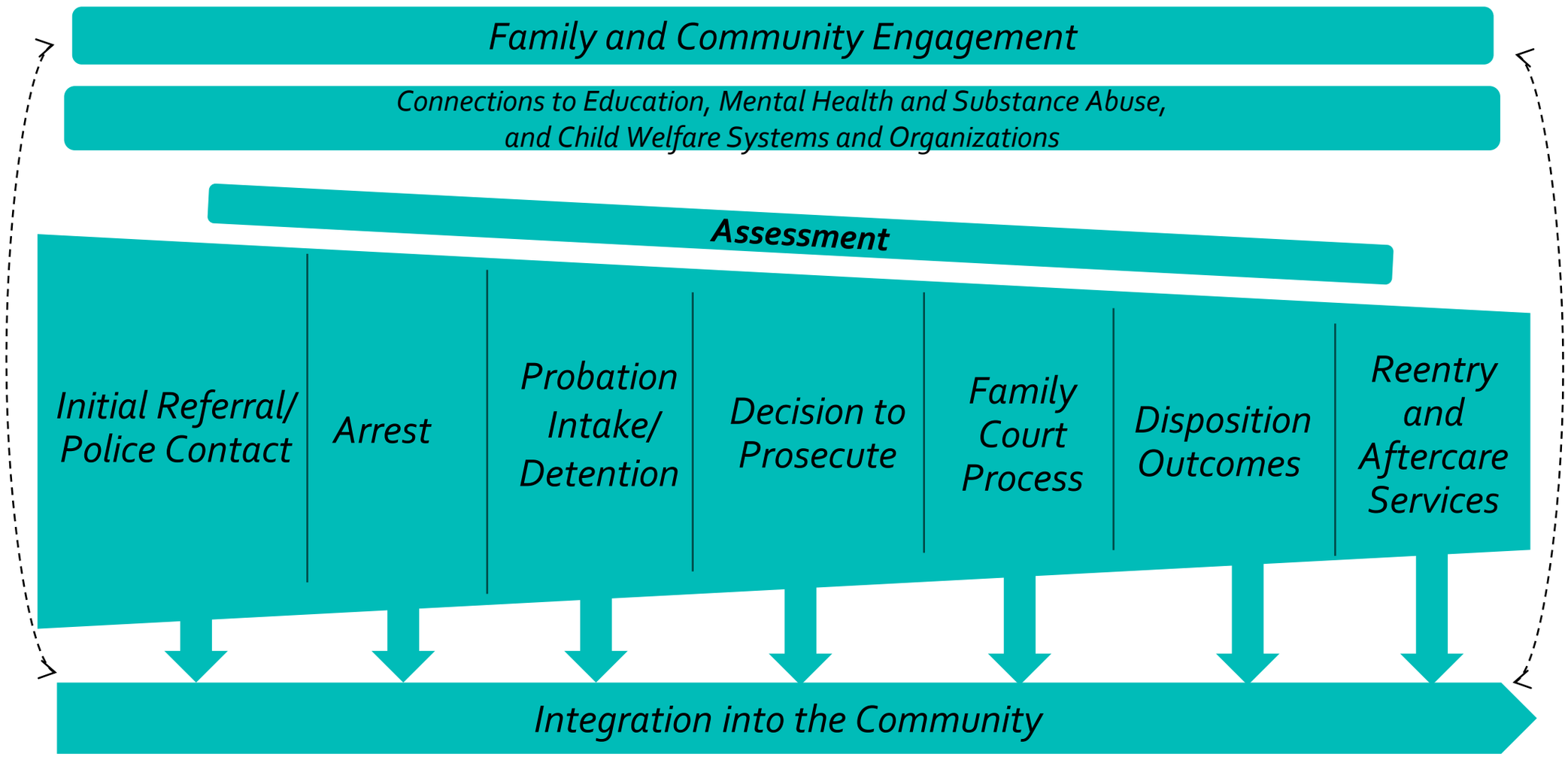
endeavor COLOMBIA



Sponsored by

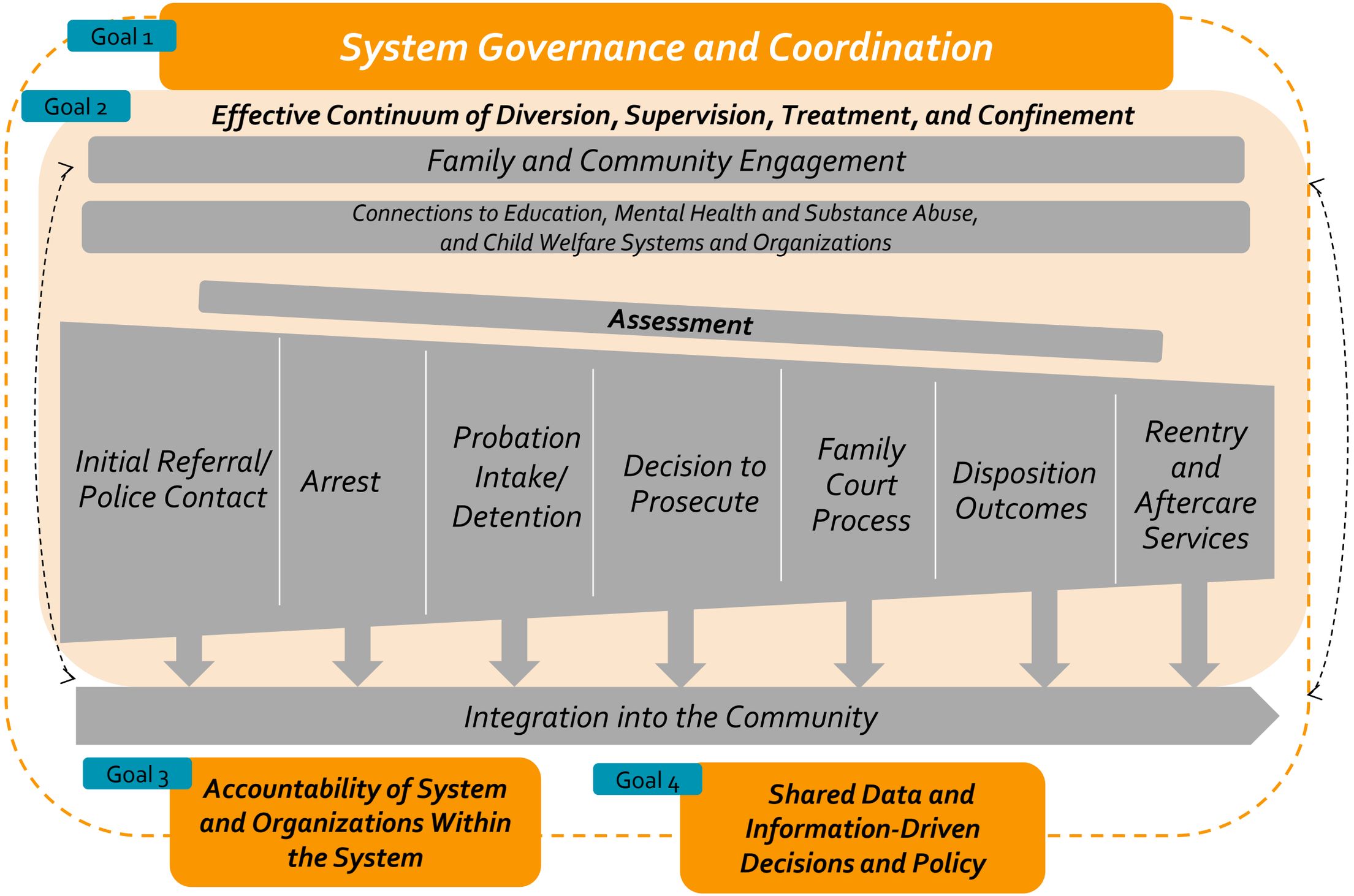

OUTSIDE ACTIVITIES
Get real estate appraisal of old home
Determine what you can afford
Apply for a mortgage pre-approval
Negotiate with lenders
BANKS
PROPERTY RECORDS
BUYER'S AGENT
ONLINE SERVICES
Seek property information (year of construction, sales history, market value etc.)
Find new home
Search home listings
Visit open homes
ONLINE LISTINGS
LOCAL NEWS PAPERS
ONLINE MAPS AND PUBLIC TRANSPORT SCHEDULES
Check proximity to work / commute times
Select neighborhood(s)
Evaluate available services: nearest bank / ATM, bar, coffeeshop, supermarket, public transport, school, kindergarden etc.
Check proximity to social network
Inquire crime statistics / neighborhood reputation
INSIDE ACTIVITIES
HOME LISTINGS
MORTGAGE CALCULATORS
ONLINE APPLICATIONS FOR MORTGAGES
PRICE STATISTICS
BUYER'S AGENT
Buy new home
Sign deed
Bidding and negotiations
Hire a home inspector
Sign mortage note
LAWYER / REAL ESTATE AGENT
WEBSITES OF AMERICAN SOCIETY OF HOME INSPECTORS OR THE NATIONAL ASSOCIATION OF HOME INSPECTORS
RECOMMENDATIONS FROM SOCIAL NETWORK AND BUYER'S AGENT
ONLINE MAPS AND DATABASES
RECOMMENDATIONS FROM SOCIAL NETWORK
FAMILY AND FRIENDS
SOCIAL MEDIA
Hire a real estate agent
ONLINE SEARCH
Sell old home
Prepare / stage home for having an open home
Sign contract with buyer
Sign contract with power and water supplier
Pack and unpack
Decorate, repair, alter
Move
Transport belongings
MOVERS / CAR RENTAL
CARPENTERS, PLUMBERS, ELECTRICIANS, INTERIOR DESIGNERS ETC.
Report change of address to postal services, banks, federal and state agencies etc.
ONLINE FORMS
PHONE
Decide to move

The New York Juvenile Justice System Continuum

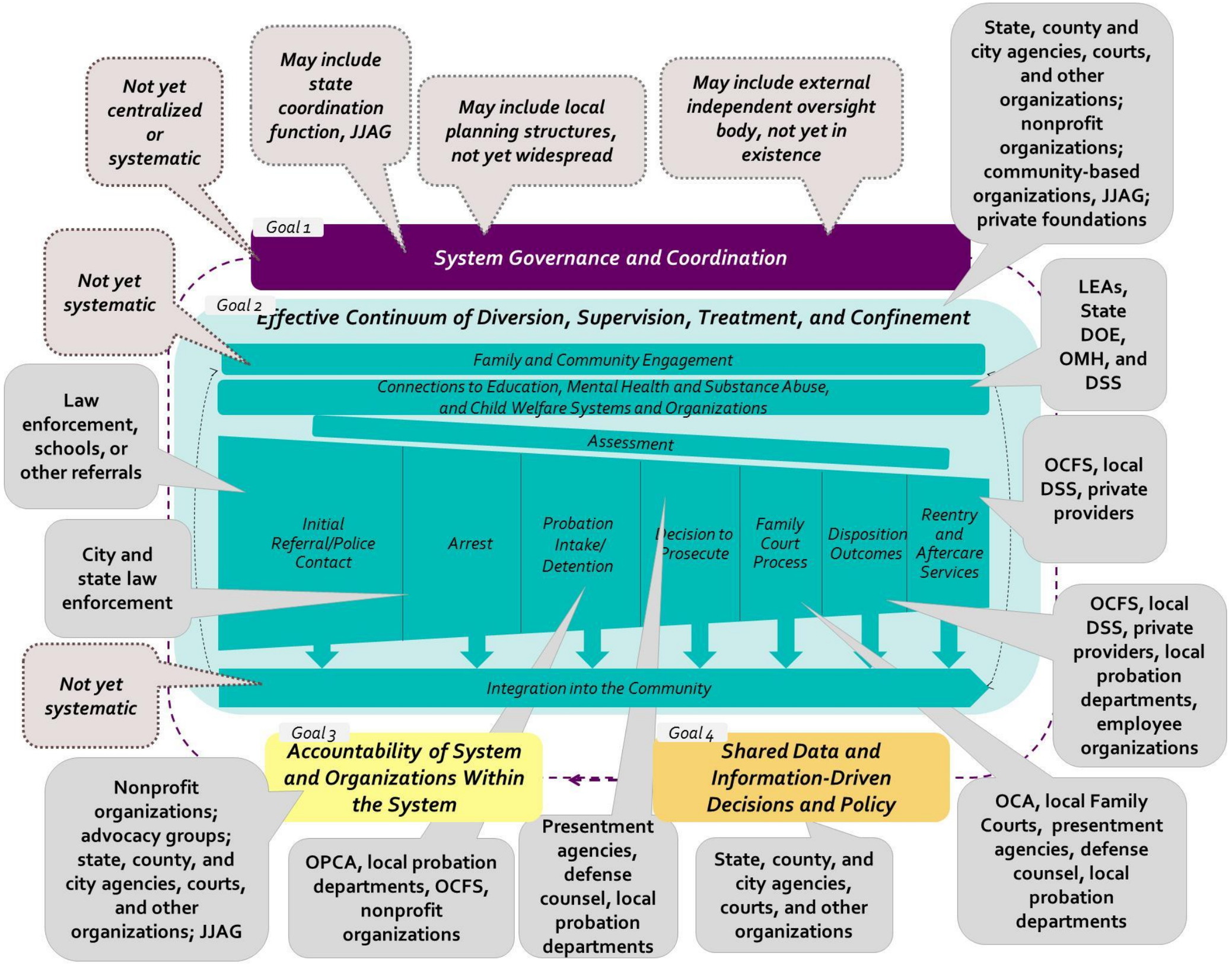


FSG REIMAGINING SOCIAL CHANGE

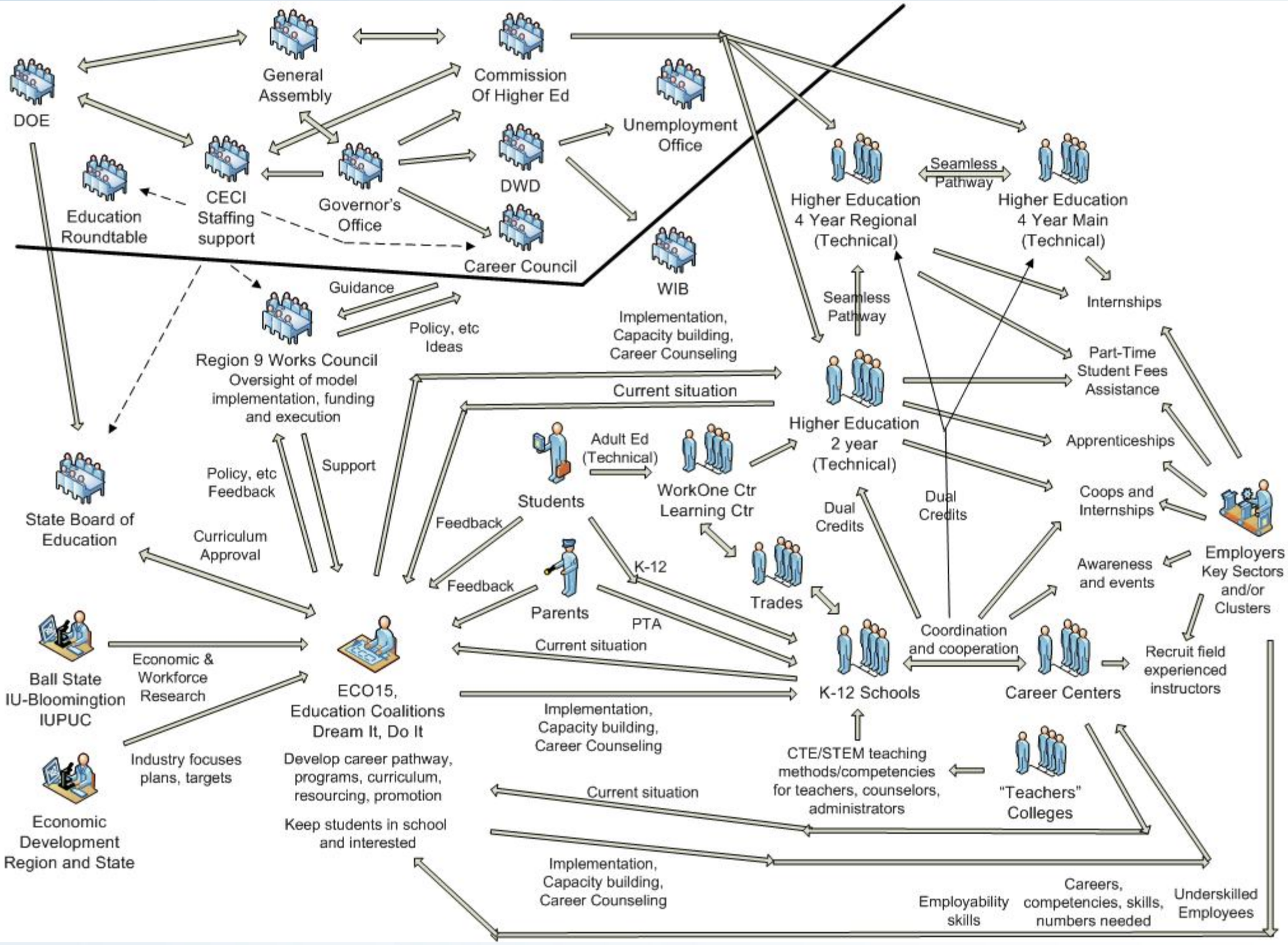
Goals across the New York Juvenile Justice System



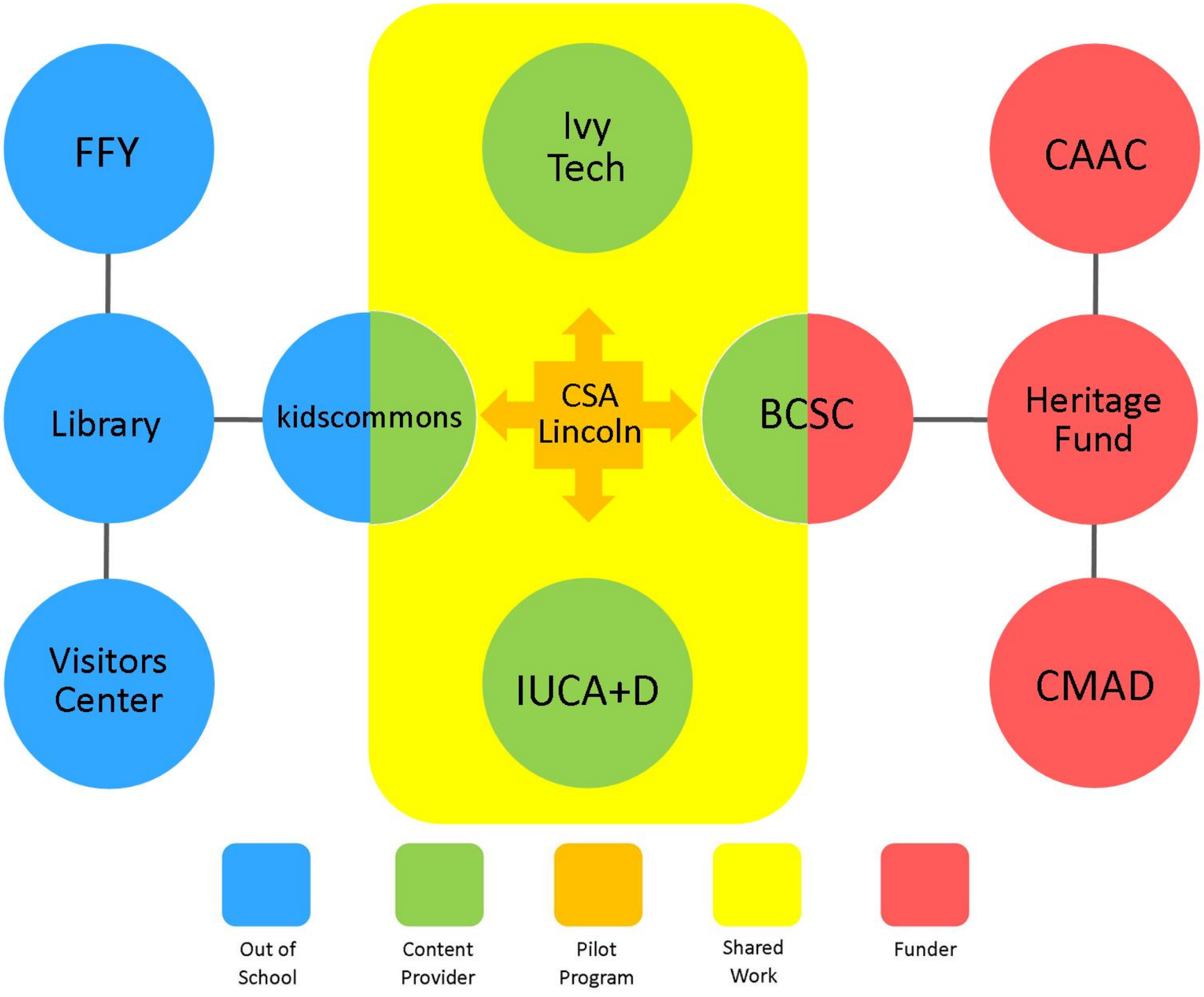
Current actors across the New York Juvenile Justice System



Region 9 Works Council
Strategic Plan
Appendix – CTE Educational Stakeholder Network Diagram



A Community-Wide Design Education System



Data Charts and Graphics

Chart Suggestions—A Thought-Starter

What would you like to show?

Comparison

Relationship

Two Variables

- **Scatter Chart**

Three Variables

- **Bubble Chart**

Distribution

Single Variable

Few Data Points
- **Column Histogram**

Many Data Points
- **Line Histogram**

Two Variables
- **Scatter Chart**

Three Variables
- **3D Area Chart**

Composition

Changing Over Time

Few Periods

Only Relative Differences Matter
- **Stacked 100% Column Chart**

Relative and Absolute Differences Matter
- **Stacked Column Chart**

Many Periods

Only Relative Differences Matter
- **Stacked 100% Area Chart**

Relative and Absolute Differences Matter
- **Stacked Area Chart**

Static

Simple Share of Total
- **Pie Chart**

Accumulation or Subtraction to Total
- **Waterfall Chart**

Components of Components
- **Stacked 100% Column Chart with Subcomponents**

Over Time

Many Periods

Cyclical Data
- **Circular Area Chart**

Non-Cyclical Data
- **Line Chart**

Few Periods

Single or Few Categories
- **Column Chart**

Many Categories
- **Line Chart**

One Variable per Item

Among Items

Few Categories

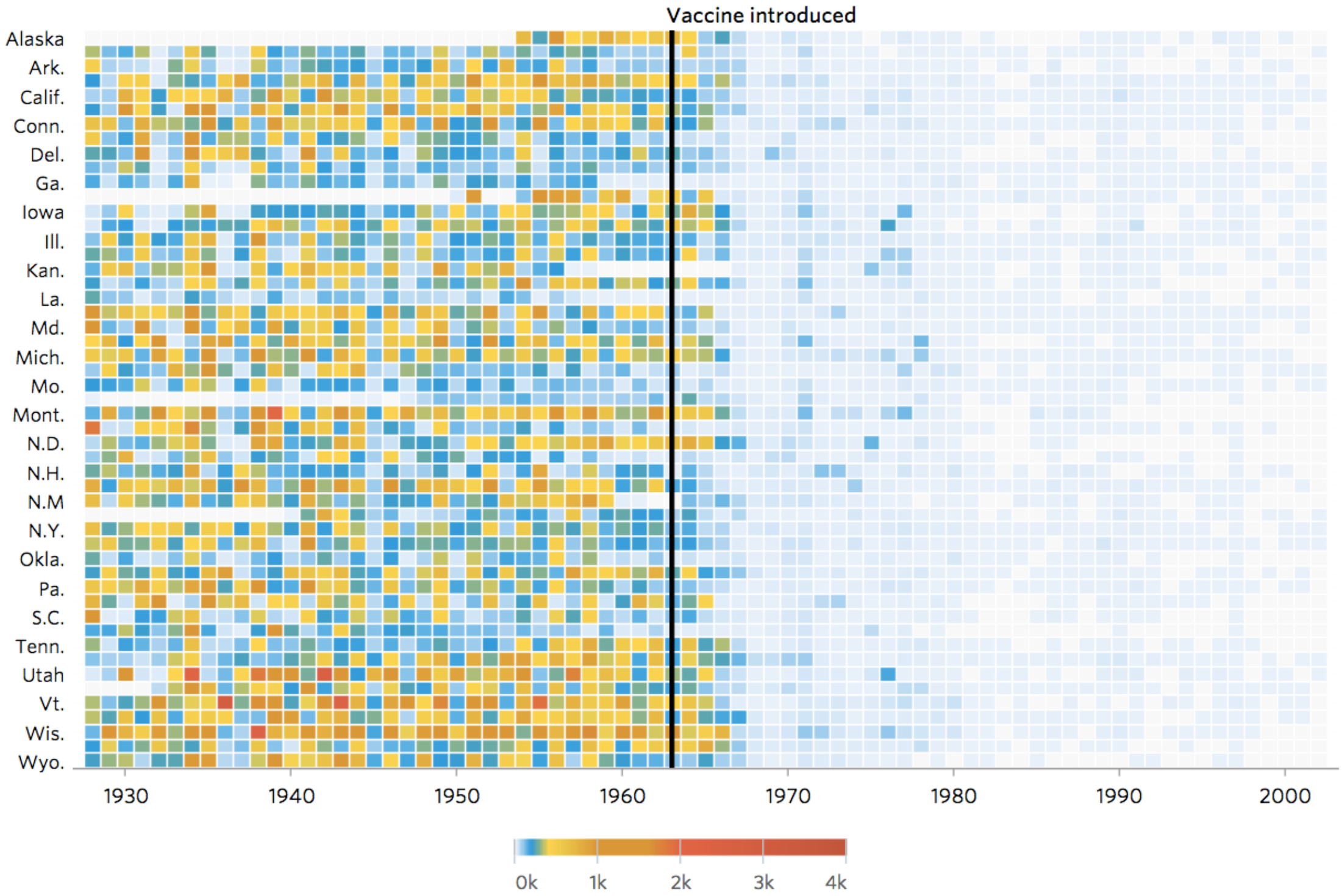
Many Items
- **Bar Chart**

Few Items
- **Column Chart**

Many Categories
- **Table or Table with Embedded Charts**

Two Variables per Item
- **Variable Width Column Chart**

Measles



Note: Centers for Disease Control and Prevention stopped publishing statewide measles data after 2002; newer data is nationwide.


Vaccine introduced
Hepatitis A
1970-2010
0 100 200 300
Measles
1930-2010
0k 1k 2k 3k 4k
Mumps
1970-2000
0 200 400 600
Polio
1930-1965
0 50 100 150 200
Rubella
1970-2000
0 100 200 300

Corp/School Name	Pre-K	Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12	Grade 12+/Adult	TOTAL ENROLLMENT
Bartholomew Con School Corp	395	876	878	836	857	778	760	880	858	837	886	958	930	783	7	11,418
Flat Rock-Hawcreek School Corp		80	66	63	80	69	53	76	80	63	73	65	68	66		902
St Bartholomew School		27	33	47	32	41	52	38	41	32						343
White Creek Lutheran School		15	21	21	10	20	11	5	16	14						133
Saint Peter Lutheran School		40	47	54	43	41	54	38	40	44						401
Columbus Christian School		11	13	11	19	19	14	18	20	13	12	14	12	5		181
Bartholomew County Total	**395**	**1,049**	**1,058**	**1,032**	**1,041**	**968**	**944**	**1,055**	**1,055**	**1,003**	**971**	**1,037**	**1,010**	**854**	**7**	**13,378**

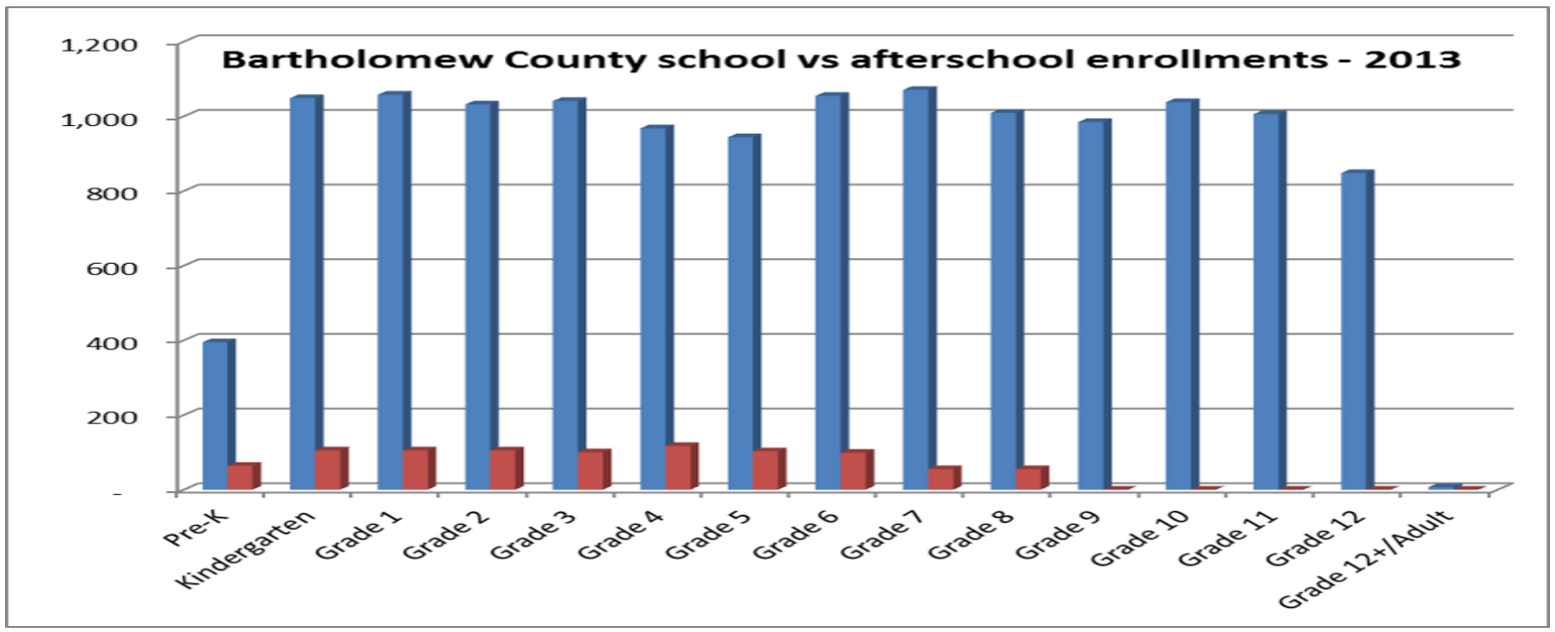
Out of School Program	Pre-K	Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12	Grade 12+/Adult	TOTAL ENROLLMENT
Columbus Youth Camp*						15	15	15	15	15						75
Foundation for Youth (after school)		15	25	25	20	22	18	14								139
Beacon Teen Learning Centers (after school)									40	40						80
i-Care (before & after school)	20	20	20	20	20	20	20	20								160
Children Inc (after school)	34	30	20	20	20	20	10	10								164
kidscommons (after school)	10	10	10	10	10	10	10	10								80
Kids of Hope - before school		5	3	1	4	1	2									16
- after school		8	7	5	4	4	2	2								32
Total*	**64**	**83**	**82**	**80**	**74**	**76**	**60**	**56**	**40**	**40**	**-**	**-**	**-**	**-**	**-**	**730**

** summer program; numbers not included in roll-up*

***after school numbers only included for programs that provide both before and after school*

% of Bartholomew Co students served	16.2%	7.9%	7.8%	7.8%	7.1%	7.9%	6.4%	5.3%	3.8%	4.0%	0.0%	0.0%	0.0%	0.0%	0.0%	5.5%

Indiana average	10%
US average	15%



THE CURRENT STATE

Making the Case for Community-Based Mental Health Support

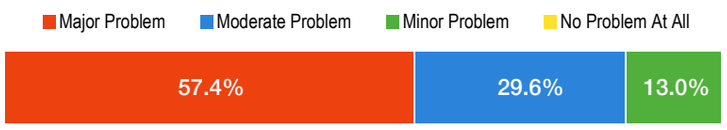
Bartholomew Consolidated School Corporation (BCSC) has adopted the American School Counselor Association's National Standards for Students. The four primary student-centered goals include 1) academic advising and success, 2) personal and social development, 3) college readiness, and 4) career readiness. Working in collaboration with the public, private, and social sectors, BCSC has made great progress, leveraging the relationships and resources within the community to advance each of the goals. Now, the K-12 school counselors believe that the greatest need is to develop a holistic, systems approach to addressing the mental health needs of pre-K to 12th-grade students. The data below supports these insights and beliefs, demonstrating both the critical need, as well as the lack of current capacity to address it.

THE COMMUNITY'S MOST CRITICAL NEED

The Region's Greatest Health Challenge

In 2015, Columbus Regional Hospital's triennial **Community Health Needs Assessment** ranked Mental Health and Mental Disorders as the number one critical health issue affecting Bartholomew County.

Perceptions of Mental Health as a Problem in the Community

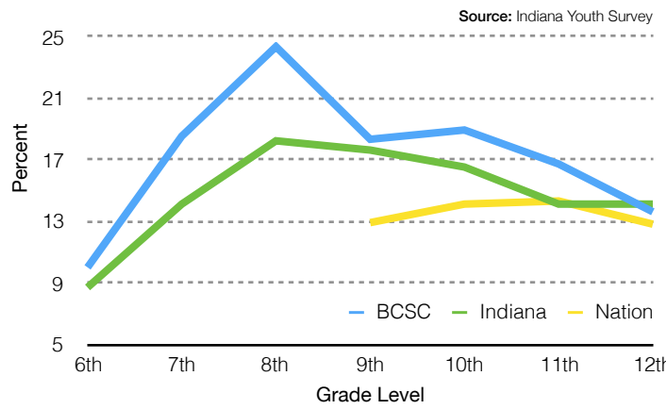


Sources: • PRC Online Key Informant Survey, Professional Research Consultants, Inc.
Notes: • Asked of all respondents.

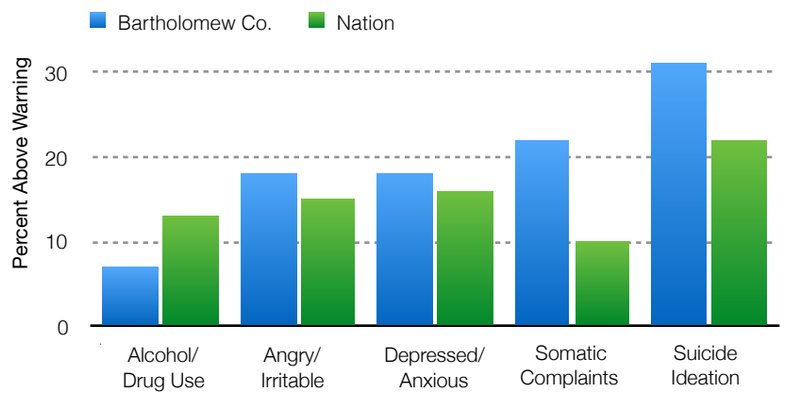
A Problem of Significant Proportion Compared to the Nation

According to the Massachusetts Youth Screening Instrument Version 2 (MAYSI-2) conducted in 2016, Bartholomew County youth, and in particular girls, ranked far-above the warning level of the nation's youth for a wide-array of mental health disorders including angry-irritable symptoms, depressed-anxious, somatic complaints, and suicide ideation. Somatic complaints, for instance, is locally reported twice as much as the nation.

Considered Attempting Suicide



2016 Massachusetts Youth Screening Instrument (MAYSI-2, Girls)



THE CURRENT LACK OF CAPACITY TO ADDRESS THE CHALLENGE

Counselor to Student Ratio

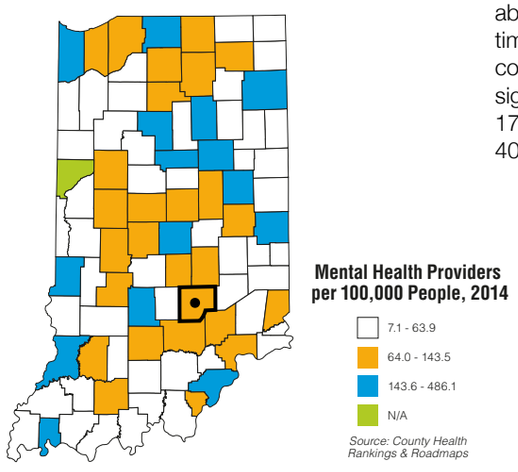
American School Counselor Association Recommended Counselor to Student Ratio	**1:250**
Bartholomew Consolidated School Corporation Counselor to Student Ratio	**1:450**

Designated Health Professional Shortage Area

Indiana: Mental Health
Psychiatrists Needed to Remove Designation: 119
Percent of Need Met: 39.86%

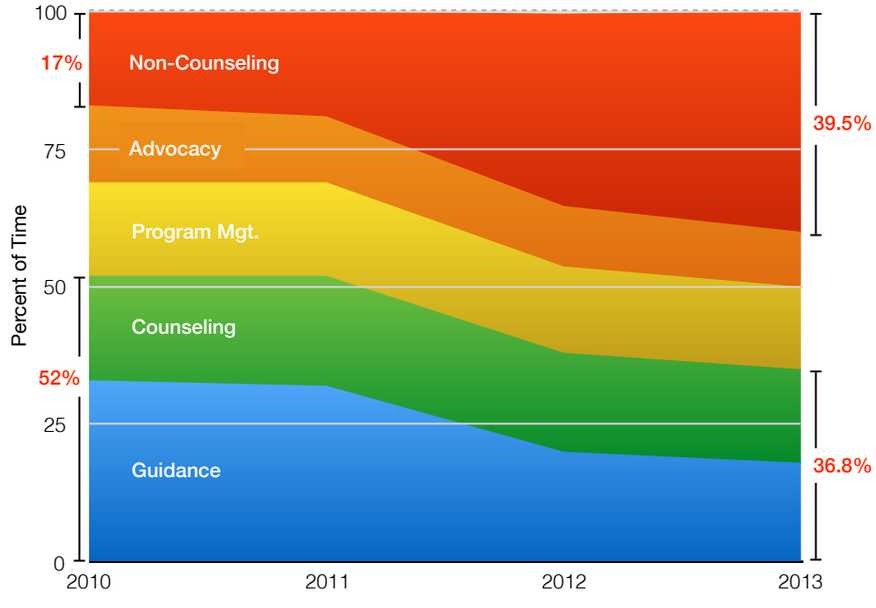
Southern Indiana: Mental Health
Full-Time Practitioners: **4.7**
Percent of Need Met: **76%**

Source: Bureau of Health Workforce, Health Resources and Services Administration (HRSA) U.S. Department of Health & Human Services, 2017



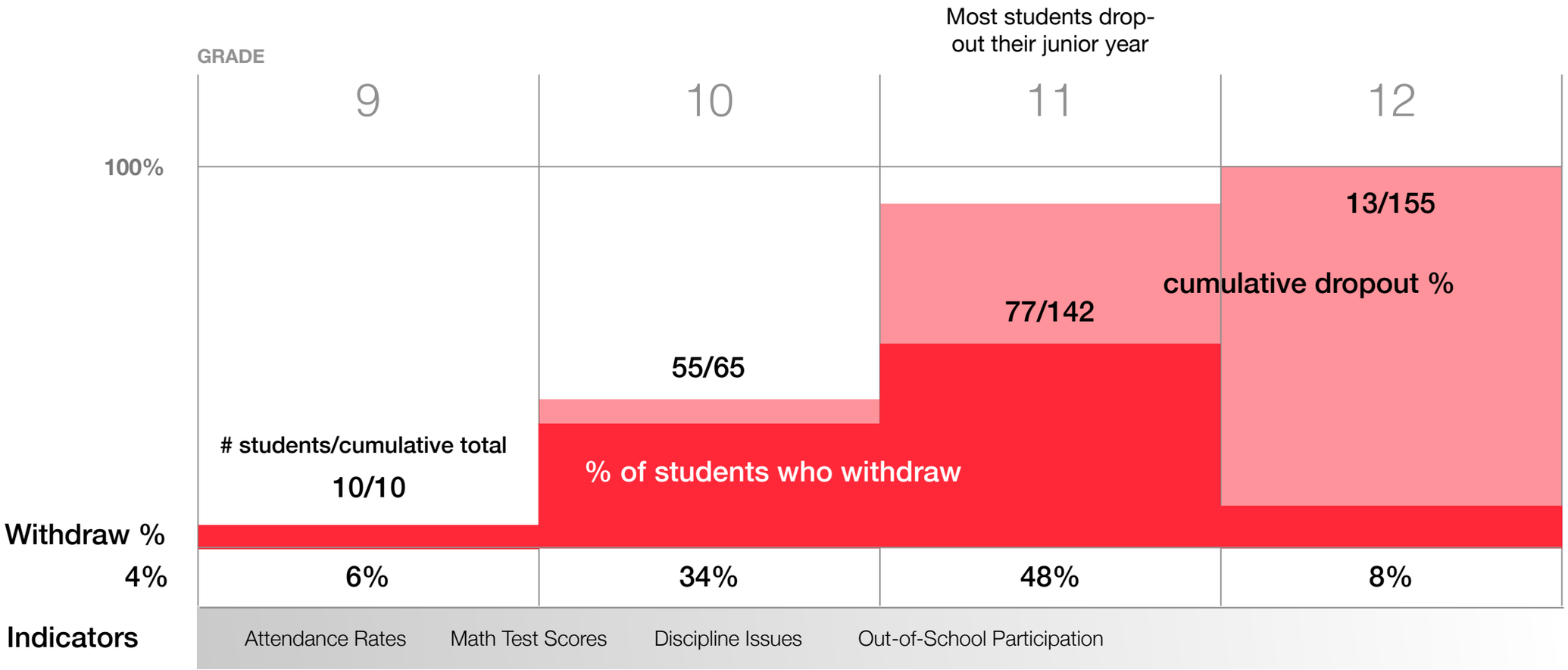
Counselor Time Usage

Since 2010, BCSC counselors have experienced a significant reduction in time available for guidance and counseling falling from 52% of their day to about 37%. Meanwhile, their time dedicated to non-counseling talks has significantly increased from 17% of their time to nearly 40% of their day.



Source: Indiana School Counseling Research Review, Indiana Chamber of Commerce Foundation

High School Graduation Rate
Current State Picture

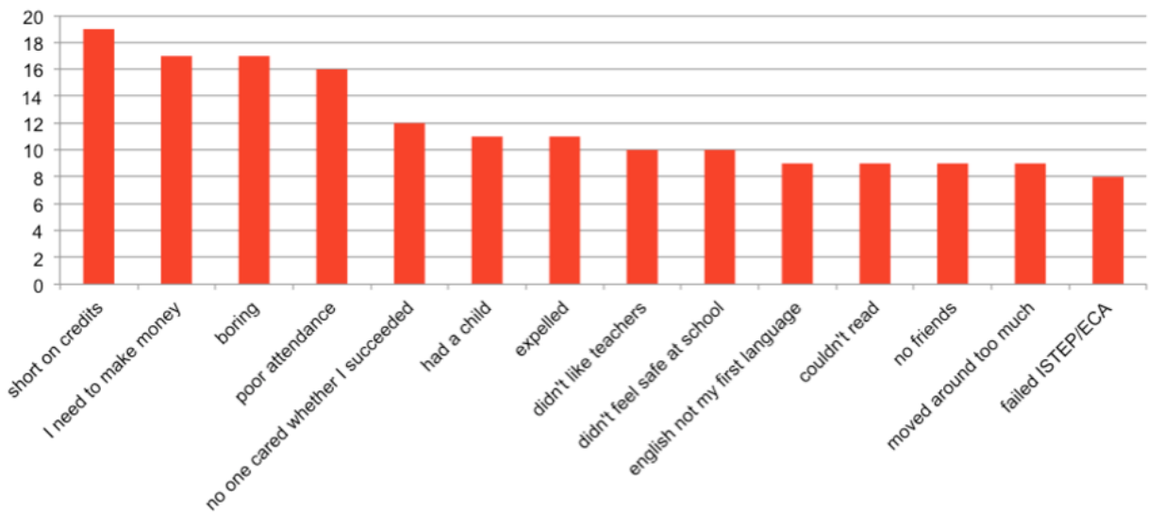




A typical drop-out…

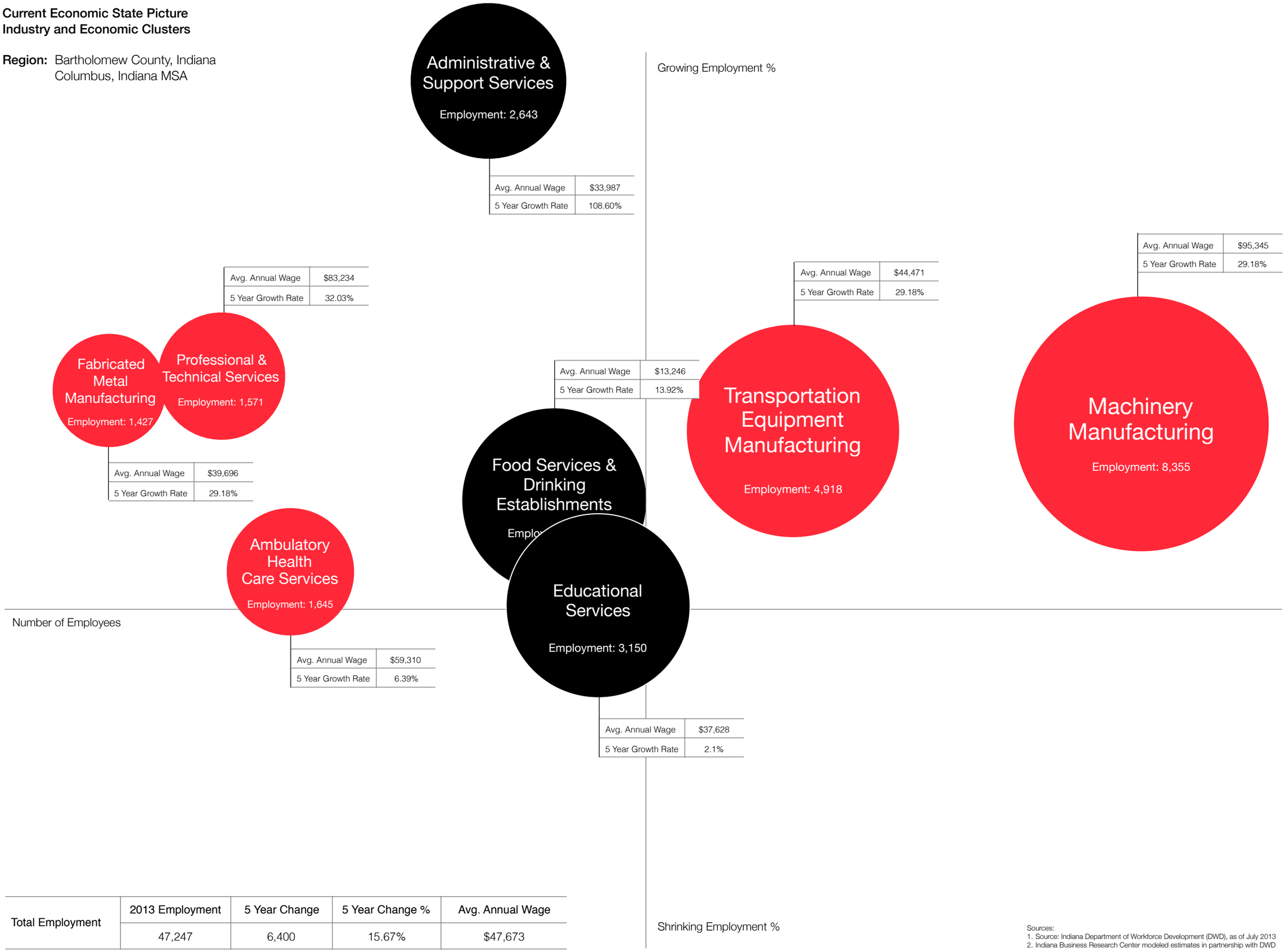
- **56%** don't participate in out-of-school activities
- **75%** of their parents only have a high school degree
- **80%** of students withdraw once they encounter multiple barriers (see chart)
- **Most** did not know they would drop-out until late in high school

Multiple barriers prevent student success



Current Economic State Picture
Industry and Economic Clusters

Region: Bartholomew County, Indiana
Columbus, Indiana MSA



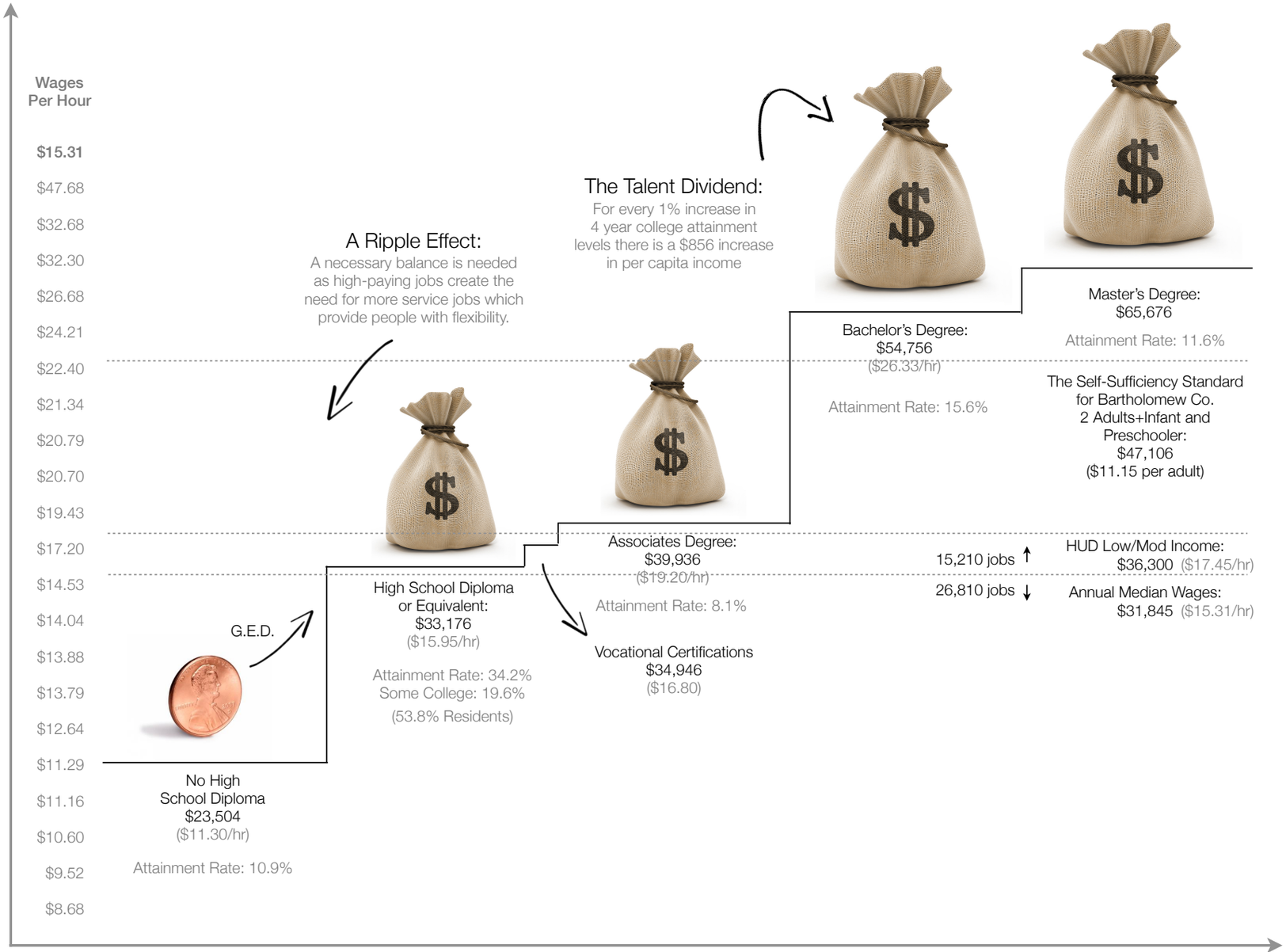
Total Employment	2013 Employment	5 Year Change	5 Year Change %	Avg. Annual Wage
	47,247	6,400	15.67%	$47,673

Sources:
1. Source: Indiana Department of Workforce Development (DWD), as of July 2013
2. Indiana Business Research Center modeled estimates in partnership with DWD

What does a “well-paying job” mean in Bartholomew County...

Occupation Title	Number	Annual Median Wages
All Occupations	**42,040**	**$31,845**
Management	2,470	$99,174
Architecture and Engineering	2,530	$67,974
Computer and Mathematical	910	$67,184
Business and Financial Operations	1,450	$55,494
Life, Physical, and Social Science	130	$50,357
Healthcare Practitioners and Technical	2,000	$46,592
Legal	180	$44,387
Construction and Extraction	1,060	$43,243
Installation, Maintenance, and Repair	1,930	$43,056
Protective Service	320	$40,414
Education, Training, and Library	2,230	$35,776
Community and Social Service	530	$30,222
Office and Administrative Support	5,310	$29,203
Production	8,050	$28,870
Arts, Design, Entertainment, and Media	260	$28,683
Transportation and Material Moving	2,970	$26,291
Personal Care and Service	640	$23,483
Healthcare Support	970	$23,213
Sales and Related	3,760	$22,048
Building and Grounds Maintenance	1,090	$19,802
Food Preparation and Serving Related	3,230	$18,054

Source: http://www.bls.gov/oes/current/oes_18020.htm



Median Annual Earnings of Adults Age 25 and Over by Educational Attainment (Full-Time Workers), 2011

Source: Bureau of Labor Statistics, Current Population Survey, Annual Social and Economic Supplement. Last Modified Date: March 23, 2012

Supply-Demand Analysis of High-Demand Workforce Competencies: **Medical**

CERTIFICATES

DENTAL ASSISTANTS
SEVERE SHORTAGE

DEGREES 17 — 41% — JOBS 41

MEDICAL ASSISTANTS
BALANCED

DEGREES 321 — 84% — JOBS 149

EMERGENCY MEDICAL TECHNICIANS
SEVERE SHORTAGE

DEGREES 17 — 33% — JOBS 52

MEDICAL RECORDS & HEALTH IT TECHNICIANS
SURPLUS

DEGREES 165 — 135% — JOBS 33

LICENSED PRACTICAL & VOCATIONAL NURSES
SEVERE SHORTAGE

DEGREES 46 — 49% — JOBS 94

MEDICAL SECRETARIES
SEVERE SHORTAGE

DEGREES 2 — 2% — JOBS 101

ASSOCIATE

NUCLEAR MEDICINE / RADIOLOGIC TECHNICIANS
SHORTAGE

DEGREES 23 — 55% — JOBS 42

REGISTERED NURSES
SHORTAGE

DEGREES 365 — 74% — JOBS 490

BIOLOGICAL TECHNICIANS
SURPLUS

*Includes Biology Bachelor's

DEGREES 255* — 2266% — JOBS 11

BACHELOR

MEDICAL LAB TECHNICIANS & TECHNOLOGISTS
SEVERE SHORTAGE

*Also includes Associate's

DEGREES 13* — 17% — JOBS 78

MEDICAL & HEALTH SERVICES MANAGERS
SURPLUS

DEGREES 76 — 163% — JOBS 47

MICROBIOLOGISTS
SURPLUS

DEGREES 9 — 142% — JOBS 6

% OF JOB NEED ADDRESSED BY LOCAL GRADUATES

Degree Output, 2012 vs. Annual Forecast of Job Openings, 2013-2018

- SEVERE SHORTAGE — LESS THAN 50%
- SHORTAGE — LESS THAN 75%
- BALANCE
- SURPLUS — MORE THAN 125%

Program Maps

	0-1 Yrs.	1-2 Yrs.	2-3 Yrs.	3-4 Yrs.	4-5 Yrs.	5-6 Yrs.	6-7 Yrs.	7-8 Yrs.
Unknown					**Columbus Enrichment Program, (Columbus Enrichment Program)** Available: TBD | Language: English Funding: Private			
< $200,000	**Book Express, (BCSC)** Available: All Year | Language: English Funding: Federal, Private			**C4 Early Childhood Program, (BCSC)** Available: School Year | Language: English Funding: Federal, State, Local				**Book Buddies, (BCSC)** Available: School Year | Language: English Funding: Private
				Preschool, Before/After School, Summer Camps, (Community Center of Hope) Available: All Year | Language: English Funding: Local				
			Family School Partners, (Family School Partners) Available: School Year | Language: English, Spanish Funding: Federal, State, Private					
						Beacon Learning Centers, (BCSC) Available: School Year | Language: English Funding: Federal		
$200,001-$400,000					**Title 1 Pre-Kindergarten, (BCSC)** Available: School Year | Language: English Funding: Federal			
				Early Childhood Special Education Services, (BCSC) Available: School Year | Language: English Funding: Federal, State, Local				
$400,001-$600,000				**Head Start, (Human Services, Inc.)** Available: School Yea r | Language: English, Spanish Funding: Federal, Private				
> $600,000	**First Steps Southeast, (Council on Aging)** Available: All Year | Language: English, Spanish Funding: Federal, State							
		Children, Inc., (Children, Inc.) Available: All Year | Language: English Funding: Federal, State, Local, Private						
						Education Program, (Flatrock-Hawcreek School Corporation) Available: School Year | Language: English Funding: Federal, State, Local, Private		
						Education Program, (BCSC) Available: School Year | Language: English Funding: Federal, State, Local		

LEGEND

Number of Children Served

- Unable to Determine
- <= 200
- 201-300
- 301-400
- > 400

Number of Full Time Equivalents & Volunteers

- Unable to Determine
- 0-50
- 51-100
- > 100

= Parent Involvement Component

EcO
Manufacturing • Healthcare • Attainment
Economic Opportunities through Education (EcO) Network

EcO Attainment Network Program Map (2017 / 2018)

GOALS

		Middle Schools	High Schools	Adult Education	Ivy Tech	IUPUC	Purdue Polytechnic
				Expand Latino Education & Outreach Program - AE			
	Increase educational attainment through a community system of supports for low-income and Latino students	Latino Education Outreach Program - helping families navigate the educational system					
				Barrier Busting Funds			
					Beyond Financial Aid Campus Strategies Support		
Awarness and Outreach	**Raise awareness; improve outreach and recruitment to underserved populations**		EcO Champion and Student Ambassador Program	**Recruitment of Low Income and Latino Adults**		IUPUC Latino Recruiter added 2017/2018	
				Employer Outreach through EcO Manufacturing & Healthcare Networks			
Shared Data	**Leverage shared data and analytics to improve success of the system**	Regional Data Collection for EcO Network Scorecards					
			EcO Data Consortium, NSC HS Prototype	**Adult Ed Data Collection with DWD**	**EcO Data Consortium, NSC Regional College Prototype**		
		EcO Attainment Network Forums					
System Alignment	**Manufacturing Network and Healthcare Network Educational Pathways and IT Pilot Pathways**	Manufacturing Educational Pathways K-12		**Manufacturing Credentials Adult Ed**	Manufacturing Educational Pathways Postsecondary		
		Healthcare Educational Pathways K-12		**Healthcare Credentials Adult Ed**	Healthcare Educational Pathways Postsecondary		
			Apprenticeship Program Expansion				
		IT Educational Pathways K-12		**IT Credentials Adult Ed**	Cyber Security Pathway		
	Regional, state, and national alignment	Regional Manufacturing and Healthcare Network Forums					
		Indiana Attainment Network Quarterly Meetings, Lumina Foundation and Indiana Commission for Higher Education					
		Indiana Department of Workforce Development Sector Strategies and Innovation Networks					
			Adult Education Consortium and WorkIN Meetings				
				Lumina Foundation Talent Hub Community of Practice Convenings and Calls			

Revision Date: 10-18-17	Ongoing / Continuing	**Current Priority Project**	Future Opportunity

PROVIDERS

SUPPORTING ORGANIZATIONS

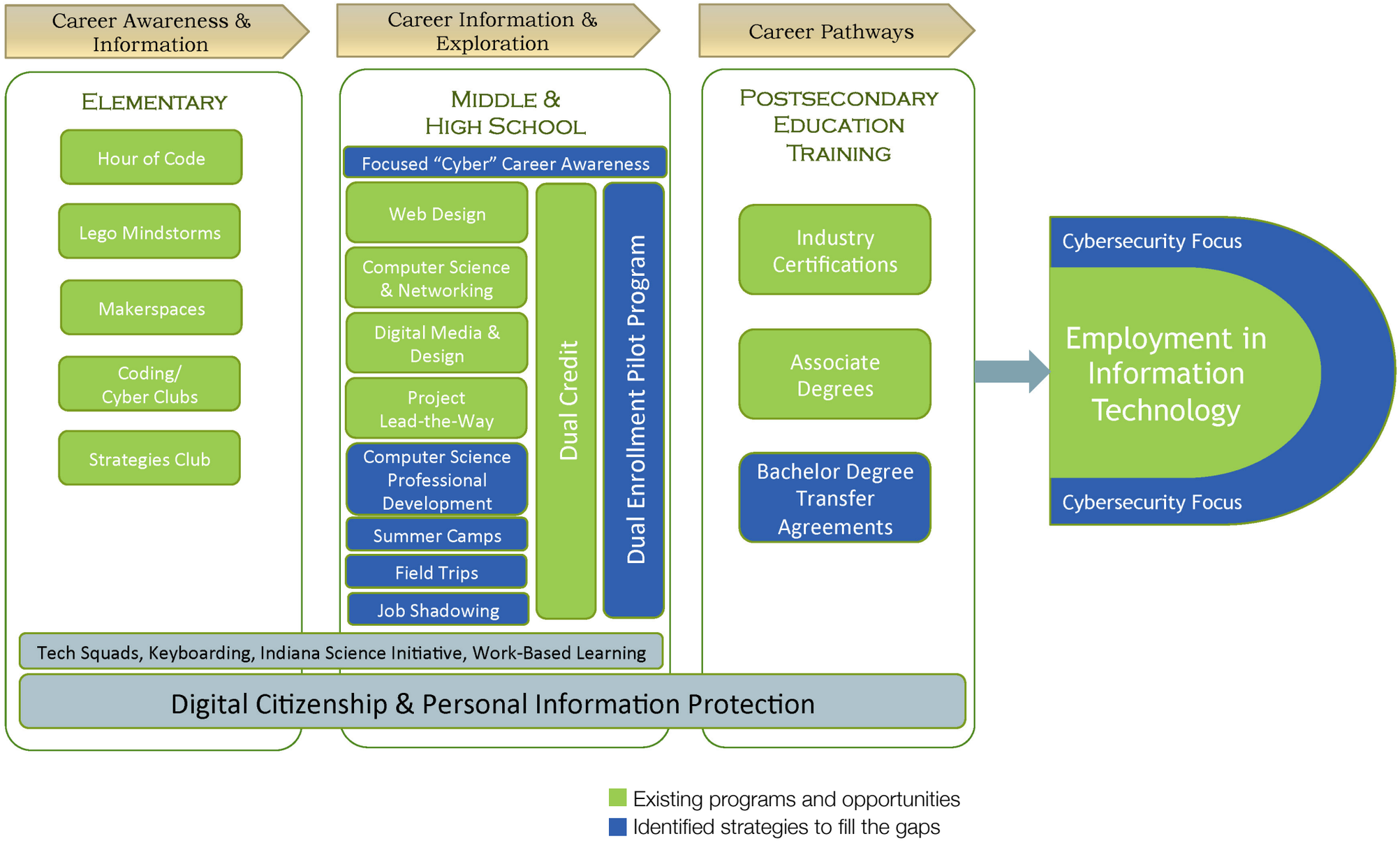
Marion County STEM Education Network

The purpose of the **Marion County STEM Education Network** is to build a coordinated and aligned network of support to prepare Marion County K-12 students with STEM skills to succeed in education, careers, and life.

Organizations
Programs
Partnerships

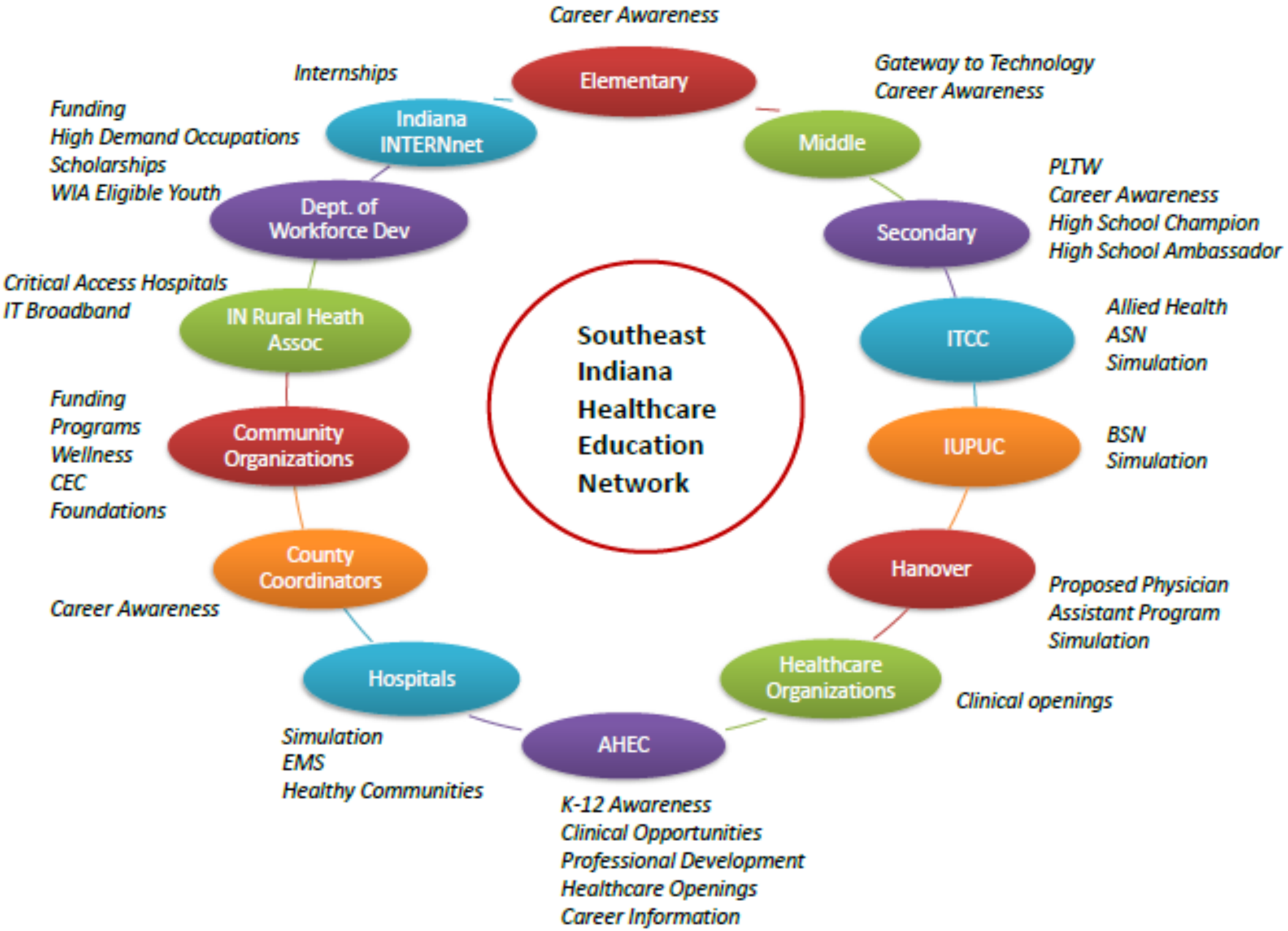
Additional funding would help close the Cybersecurity skills gap and enrich the existing program

Ripley County Community Foundation



Genesis PATHWAYS TO SUCCESS

Existing programs and opportunities
Identified strategies to fill the gaps


Southeast Indiana Healthcare Education Network
Elementary
Career Awareness
Middle
Gateway to Technology
Career Awareness
Secondary
PLTW
Career Awareness
High School Champion
High School Ambassador
ITCC
Allied Health
ASN
Simulation
IUPUC
BSN
Simulation
Hanover
Proposed Physician Assistant Program
Simulation
Healthcare Organizations
Clinical openings
AHEC
K-12 Awareness
Clinical Opportunities
Professional Development
Healthcare Openings
Career Information
Hospitals
Simulation
EMS
Healthy Communities
County Coordinators
Career Awareness
Community Organizations
Funding
Programs
Wellness
CEC
Foundations
IN Rural Heath Assoc
Critical Access Hospitals
IT Broadband
Dept. of Workforce Dev
Funding
High Demand Occupations
Scholarships
WIA Eligible Youth
Indiana INTERNnet
Internships

Customer Experience Maps

MAPPING
SERVICE COMPONENTS
SKETCH
EMOTIONAL STATUS
CONTEXT
CUSTOMER'S JOB
TIMELINE OF JOURNEY STAGES
TOUCHPOINTS
COMPANY ACTIONS
IDENTITY
INSIGHTS & OPPORT
9.00 A.M.
Get out of bed
Call
Monitoring Service
WEAKNESS

Rail Europe Experience Map

Guiding Principles

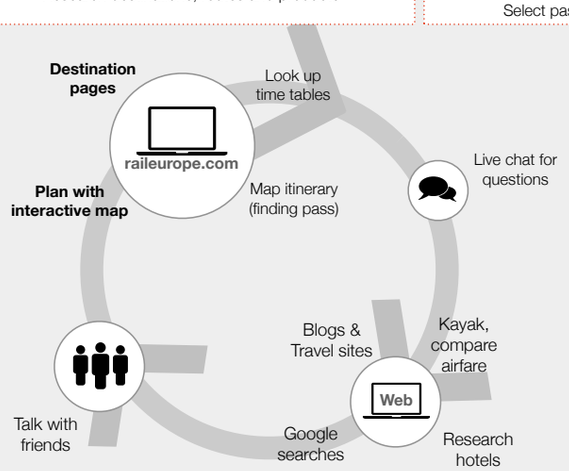
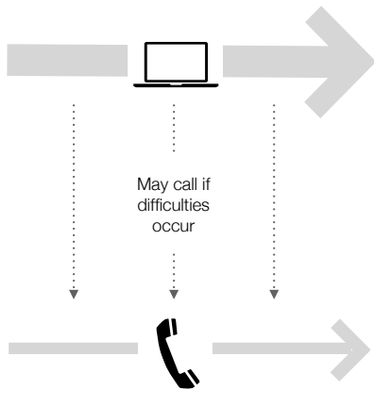
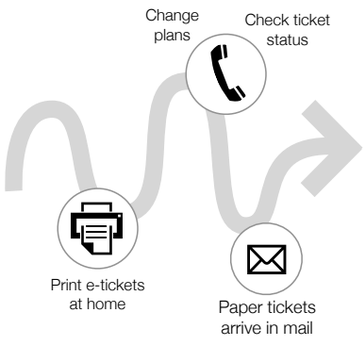
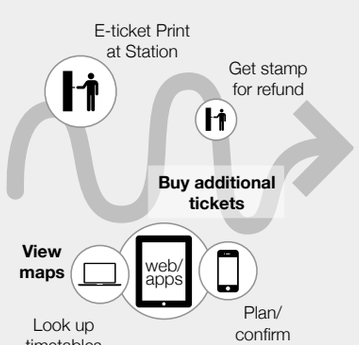
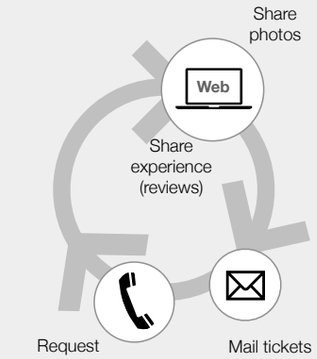
People choose rail travel because it is convenient, easy, and flexible.

Rail booking is only one part of people's larger travel process.

People build their travel plans over time.

People value service that is respectful, effective and personable.

Customer Journey

STAGES	Research & Planning	Shopping	Booking	Post-Booking, Pre-Travel	Travel	Post Travel
RAIL EUROPE	Research destinations, routes and products; Enter trips; Review fares; Select pass(es)		Confirm itinerary; Delivery options; Payment options; Review & confirm	Wait for paper tickets to arrive	Activities, unexpected changes	Share experience; Follow-up on refunds for booking changes
DOING						
THINKING	• What is the easiest way to get around Europe? • Where do I want to go? • How much time should I/we spend in each place for site seeing and activities?	• I want to get the best price, but I'm willing to pay a little more for first class. • How much will my whole trip cost me? What are my trade-offs? • Are there other activities I can add to my plan?	• Do I have all the tickets, passes and reservations I need in this booking so I don't pay more shipping? • Rail Europe is not answering the phone. How else can I get my question answered?	• Do I have everything I need? • Rail Europe website was easy and friendly, but when an issue came up, I couldn't get help. • What will I do if my tickets don't arrive in time?	• I just figured we could grab a train but there are not more trains. What can we do now? • Am I on the right train? If not, what next? • I want to make more travel plans. How do I do that?	• Trying to return ticket I was not able to use. Not sure if I'll get a refund or not. • People are going to love these photos! • Next time, we will explore routes and availability more carefully.
FEELING	• I'm excited to go to Europe! • Will I be able to see everything I can? • What if I can't afford this? • I don't want to make the wrong choice.	• It's hard to trust Trip Advisor. Everyone is so negative. • Keeping track of all the different products is confusing. • Am I sure this is the trip I want to take?	• Website experience is easy and friendly! • Frustrated to not know sooner about which tickets are eTickets and which are paper tickets. Not sure my tickets will arrive in time.	• Stressed that I'm about to leave the country and Rail Europe won't answer the phone. • Frustrated that Rail Europe won't ship tickets to Europe. • Happy to receive my tickets in the mail!	• I am feeling vulnerable to be in an unknown place in the middle of the night. • Stressed that the train won't arrive on time for my connection. • Meeting people who want to show us around is fun, serendipitous, and special.	• Excited to share my vacation story with my friends. • A bit annoyed to be dealing with ticket refund issues when I just got home.
EXPERIENCE	Enjoyability; Relevance of Rail Europe; Helpfulness of Rail Europe	Enjoyability; Relevance of Rail Europe; Helpfulness of Rail Europe	Enjoyability; Relevance of Rail Europe; Helpfulness of Rail Europe	Enjoyability; Relevance of Rail Europe; Helpfulness of Rail Europe	Enjoyability; Relevance of Rail Europe; Helpfulness of Rail Europe	Enjoyability; Relevance of Rail Europe; Helpfulness of Rail Europe

Opportunities

GLOBAL

Communicate a clear value proposition.
STAGE: Initial visit

Help people get the help they need.
STAGES: Global

Support people in creating their own solutions.
STAGES: Global

Make your customers into better, more savvy travelers.
STAGES: Global

Engage in social media with explicit purposes.
STAGES: Global

PLANNING, SHOPPING, BOOKING

Enable people to plan over time.
STAGES: Planning, Shopping

Visualize the trip for planning and booking.
STAGES: Planning, Shopping

Arm customers with information for making decisions.
STAGES: Shopping, Booking

Connect planning, shopping and booking on the web.
STAGES: Planning, Shopping, Booking

Aggregate shipping with a reasonable timeline.
STAGE: Booking

POST-BOOK, TRAVEL, POST-TRAVEL

Improve the paper ticket experience.
STAGES: Post-Booking, Travel, Post-Travel

Accommodate planning and booking in Europe too.
STAGE: Traveling

Proactively help people deal with change.
STAGES: Post-Booking, Traveling

Communicate status clearly at all times.
STAGES: Post-Booking, Post Travel

Information sources

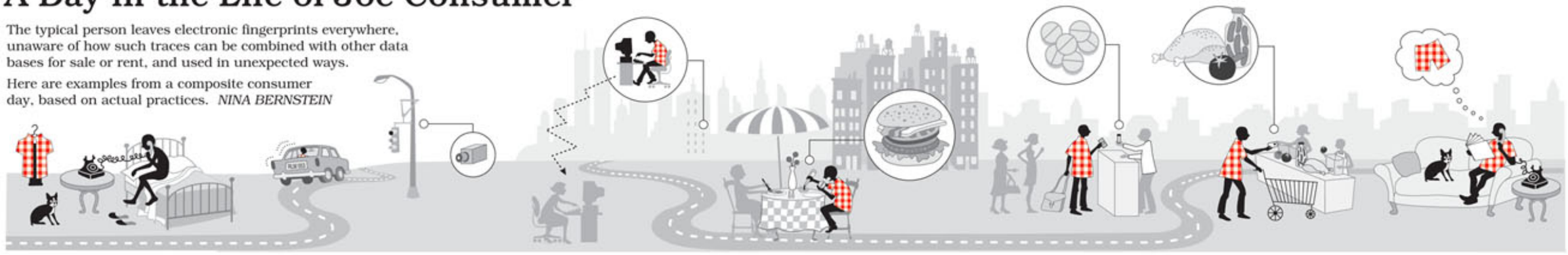
Stakeholder interviews
Cognitive walkthroughs
Customer Experience Survey
Existing Rail Europe Documentation

Ongoing, non-linear
Linear process
Non-linear, but time based

A Day in the Life of Joe Consumer

The typical person leaves electronic fingerprints everywhere, unaware of how such traces can be combined with other data bases for sale or rent, and used in unexpected ways.

Here are examples from a composite consumer day, based on actual practices. *NINA BERNSTEIN*



	Telephoning	Driving	Sending E-mail	Dining	Getting Prescriptions	Shopping	Mail Ordering
ACTIVITY	Joe calls an 800 number to check the pollen count.	Rushing to work, Joe inadvertently runs a red light.	At work, Joe criticizes his boss in E-mail to a friend.	Joe eats lunch at a restaurant that records each order on a computer.	Joe stops at the pharmacy to fill a tranquilizer prescription.	At the supermarket, Joe uses a discount shopper's card.	Before bed, Joe orders cufflinks and silk boxer shorts from a catalogue.
DATA CAPTURE	Joe's number is caught through Caller ID; his name and address are pulled from a public records data base.	Though the intersection is empty, a video camera captures his license number.	Joe's company reviews employee Internet activity and keeps copies of all E-mail.	Joe pays by credit card, linking his account number to his order of a bacon cheeseburger and fries.	His name, the drug and his doctor become part of the data base of the pharmacy chain.	The card links Joe's identity to every item he buys.	He pays by American Express, which adds his name to lists of "buyers of expensive jewelry."
FIRST USE	Joe is put on a list of allergy sufferers; it is sold to a drug company marketing allergy pills.	Joe is sent a traffic ticket in the mail.	After Joe's boss reads the E-mail, Joe is dismissed.	The restaurant checks his credit standing and sends him a discount offer.	The chain is part of a pharmaceutical company that combines the data with lists of magazine subscribers.	The supermarket chain uses a data-mining service to create profiles of its most profitable customers.	The catalogue company puts his name on a list of "male buyers of sexy lingerie" and trades it with other companies.
LATER USE	The list is linked with a profile of Joe and he is sent a coupon for the company's allergy medication.	Joe's insurance company finds the violation in a data base search and raises his rates.	Joe's unsuccessful lawsuit to regain his job shows up when a prospective employer uses an Internet investigation service.	The restaurant goes bankrupt and its list of men who are bacon cheeseburger lovers goes on the information market.	A rival tranquilizer company advertises in Joe's favorite magazine; company mailings urge Joe's doctor to switch.	Joe is deemed a prized customer and gets electronically-generated discounts; less loyal customers pay more.	Within two weeks Joe will receive four jewelry catalogues, five lingerie catalogues and a sex-videotape offer.

The New York Times; Illustration by Megan Jaegerman

Asset Maps

New Bridge Apartments

Hopeside Senior community

Jiven sports

Langley Variety

Zion Hill Helping Hands for Youth

St John's Community Service Corp

Interplay connecting child care

Indy

School 56

National Apartments LLC

Martindale on the Monon


N Circular Rd
A406
A504
A1
A1000
E End Rd
Falloden Way
Lyttelton Rd
Great N
High Rd
Joint Rd
Nursery Rd
Lyndon Rd
Lower Rd
Central Rd
Upper Rd
Boundary Rd
Exit Rd
West Rd
North Rd
East Rd
Wesley Rd
Chapel Hill
Centre Ave
Viaduct Rd
Circular Rd
Church Rd N
Carters Rd
Brook Rd
Roman Rd
New Rd
High View Rd
Raleigh Rd
Kew Rd
Wellington Rd
Old Farm Rd
Sanderstead Rd
Stanley Vale
Muswell Hill Sports Ground
Marriott Rd
Coppetts Rd
Oakleigh Crescent
Barnet Rd
Hill Rd
Evesden Rd
Evesham Rd
Coldfall Ave
Coldfall Wood
Creighton Ave
Chandos Rd
Elmfield Rd
King St
Trinity Rd
Long Ln
Hamilton Rd
Brackenbury Rd
Sedgemere Ave
East Finchley Cemetery
Church Ln
Hurst Ave
Stanley Rd
Cross Keys & Mini Minors
Hertford Rd
Bedford Rd
Huntingdon Rd
Leicester Rd
Chapel Ct
Kitchener Rd
Market Pl
Durham Rd
Church Vale
Beech Dr
Rundlewood Ave
Twyford Ave
Portugala
FORTIS GREEN
Squirrels
Springdale
Western Rd
Southern Rd
Fairlawn Rd
Lynmouth Rd
Fortis Green Ave
Muswell Ave
Collingwood Ave
Leaside Ave
Fortismere Ave
Grand
Tetherdown
Brookland Rise
Brookland Hill
Hill Top
Howard Walk
Brim Hill
Abbots Gardens
Ossulton Way
Greenhaigh Walk
Gunnery Cl
Gunnery Dr
Devon Rise
Vivian Way
Dransway
The Bishops Ave
Bancroft Ave
Woodside Ave
Fordington Rd
Greenfield Dr
Cherry Tree Wood
Cherry Tree Recreation Ground
East Finchley
Ridgeway
Cecily Dr
Ravensdale Ave
Briscoe Dr
Clowesleigh Dr
Beaufort Dr
Ludlow Way
Methuen
Westholm
Lynchgate Walk
Hillrise
Stanley Cl
Church Rd
Sedgemere Ave
Hamilton Rd
Brackenbury Rd
Trinity Rd
Elmfield Rd
King St
Long Ln
Taunton Dr
Oakleigh Rd
Sanderstead Rd
Old Farm Rd
Stanley Vale
Nursery Rd
Lyndon Rd
Carters Rd
Brook Rd
Roman Rd
Joint Rd
Coppetts Rd
Oakleigh Crescent
Marriott Rd
Barnet Rd
Hill Rd
Evesden Rd
Evesham Rd
Coldfall Ave
Coldfall Wood
Creighton Ave
Chandos Rd
Elmfield Rd
Trinity Rd
Long Ln
Hamilton Rd
Brackenbury Rd
Sedgemere Ave
Church Ln
Hurst Ave
Stanley Rd
Hertford Rd
Bedford Rd
Huntingdon Rd
Leicester Rd
Durham Rd
Church Vale
Beech Dr
Rundlewood Ave
Twyford Ave
Portugala
Fortis Green

Plans-on-a-Page, Logic Models, & Goal Trees

Community Education Coalition

The Community Education Coalition is a partnership of education, business, and community leaders focused on aligning and integrating the Columbus, Indiana and region's community learning system with economic growth and a high quality of life.

WHO WE ARE
The Stakeholders

Education
Bartholomew Consolidated School Corporation*

Flatrock-Hawcreek School Corporation*

Ivy Tech Community College*

IUPUC*

Purdue College of Technology*

Business (100+ Partners)
Cummins Inc.

Columbus Regional Health*

SIHO Insurance Services

Johnson Ventures

Coca-Cola Bottling Company

Brands Inc.

Force Construction

Analytical Engineering Inc.

Home News Enterprises

Community
Heritage Fund*

City of Columbus*

County Commissioners*

Board of Aviation Commissioners*

Workforce Development*

Columbus Chamber

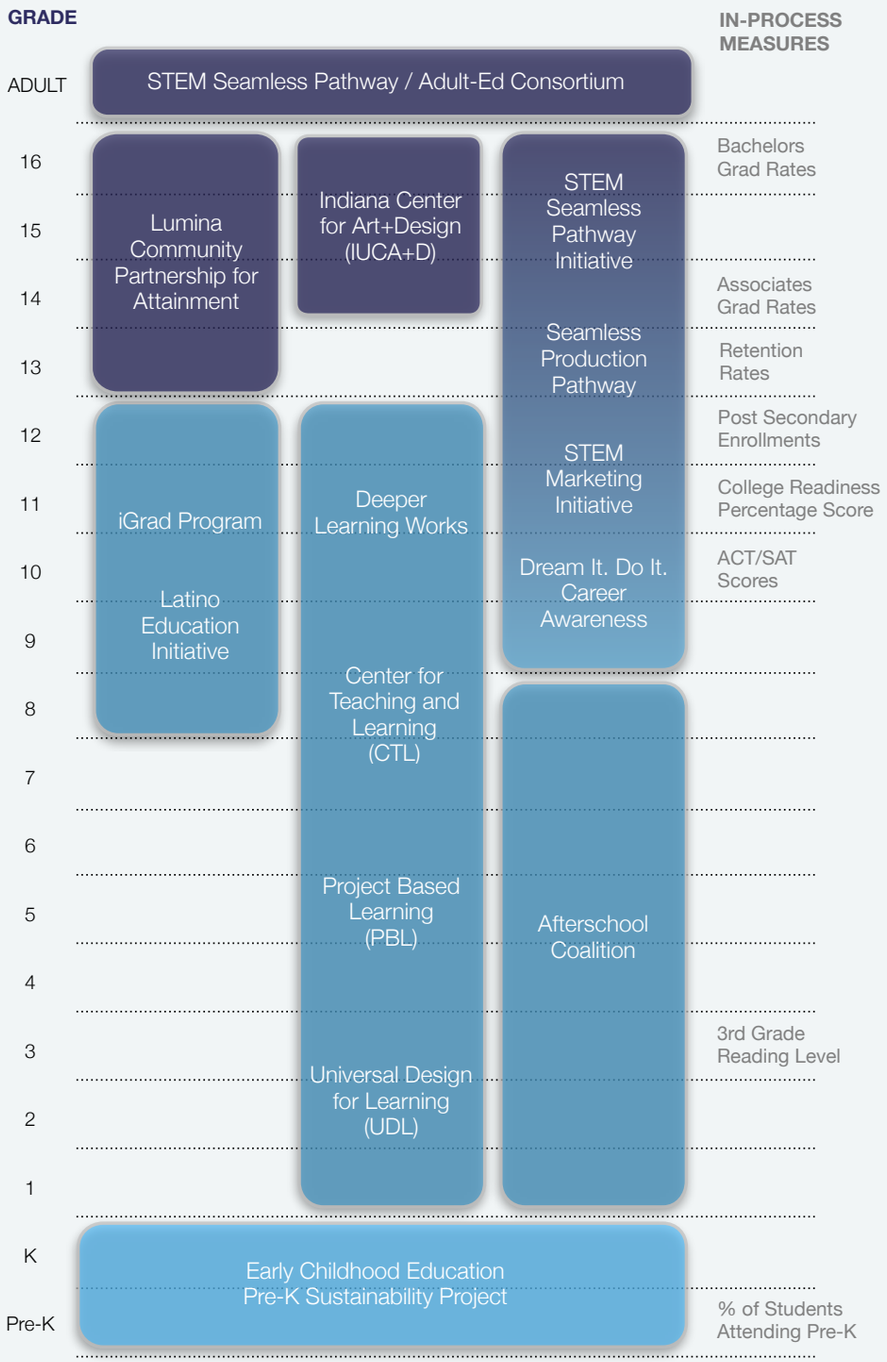
Economic Development Board

United Way of Bartholomew Co.

Regional Partners
EcO_{15} Ten County Region Network

Institute for Coalition Building

HOW WE DO OUR WORK
The Projects and Initiatives



WHAT ARE OUR TARGETS
The Outputs We Measure

Matching Skilled People with Well-Paying Work

	UNITS
Well-Paying Jobs	#

BASELINE	TARGET
xxx	500-700

60% of Adults with Postsecondary Degrees or Certifications by 2025

	UNITS
Post-Secondary Attainment	%

BASE	3 YR	VISION
38.5	43.0	60.0

ACS Census Data 2008-2012

All Students Graduate from High School

	UNITS
High School Graduation Rate	%

2012 BASE	3 YR	VISION
85.0	90.7	98.1

Indiana Department of Education

Adults Age 25+

BASE	3 YR	VISION
91.1	94.0	100.0

ACS Census Data 2008-2012

All Children Ready for Kindergarten

	UNITS
Kindergarten Readiness	%

2013/14 BASE	3 YR	VISION
74.0	80.0	95.0

ISTAR-KR, Indiana Department of Education

All data for Bartholomew County, Indiana

WHAT DIFFERENCE DO WE MAKE
The Outcomes and Results

Stakeholder Engagement and Collaboration
- Increased cooperation among the business, community, and education stakeholders
- Increased communication among education institutions to advance learning
- Better coordinated and aligned learning system

The Economic Benefits
- A fully employed and employable workforce
- Healthier tax base
- Increased economic prosperity
- Better prepared and work-ready labor force with the necessary hard and soft skills
- More efficient and effective businesses
- Increased value of a two-year degree recognized by industry and community
- More companies choosing to grow and locate in the region
- Improved talent retention of young people staying in the region after graduation

The Social Benefits
- Safer and healthier community
- Increased educational and career opportunities for students and the community
- Increased civic engagement
- Increased self-sufficiency
- Stronger family environment
- Better tolerance of differences
- Better understanding by youth of how school translates into workplace opportunities

The Equity Imperative
- Increased educational access, attainment, and success
- Increased awareness of the value of higher education
- Higher rates of at-risk youth going to college

DRAFT - Cradle to Career: Louisville - DRAFT

CONVENER

GREATER LOUISVILLE EDUCATION & WORKFORCE PARTNERSHIP: CITYWIDE ACCOUNTABILITY FOR CRADLE-TO-CAREER PIPELINE

(Convened by the Mayor to provide connectivity across pipeline)

KEY
MUW – Metro United Way
JCPS – Jefferson County Public Schools
55K – 55,000 Degrees
EGI – Louisville Metro Economic Growth and Innovation

POTENTIAL ACTION NETWORKS

MUW | JCPS | 55K | EGI

METRICS FOR POTENTIAL ACTION NETWORKS

Adults have the capabilities to ensure children are prepared

Early Care and Education/ Kindergarten Readiness

GOAL: 77% of Kindergarten students will enter ready for school (per state assessment) by 2020

- Improve access to quality early care and education programs
- Increase number of children who attend quality preschool, particularly low income children
- Increase community and parents knowledge of and ability to make informed decisions about child development and care
- Increase knowledge and skills of staff in early care settings

K-12 Success

GOAL: All students graduate prepared

- Increase student proficiency in every subject
- Increase percent of students graduating to 90% by 2020

School ready

- Increase extended learning opportunities (i.e. OST programming)
- Increase percent of graduates that are college or career ready to 70% by 2020
- Increase percent of graduates going to college to 85% by 2020

High School to Postsecondary Transition and Completion

GOAL: Add 40,000 bachelor's and 15,000 associates degrees by 2020

- Create college-going and completion culture
- Increase college readiness

College ready

- Use business leverage, particularly to increase adult enrollment and completion
- Increase access and affordability
- Increase persistence and completion

21st Century Workforce and Talent

GOAL 1: Achieve an employment rate that is within the top quartile of peer cities

GOAL 2: Improve average wages of Louisville citizens

- Increase talent retention
- Improve labor market intelligence

Skills to launch career

- Increase pipeline of skilled employees to employers
- Improve capacity to connect qualified job seekers to good jobs

Career that supports thriving family

Build adult capabilities to improve outcomes for children

Curriculum and experiences that provide real world relevance

FUNDERS

Campaign funds, donors & foundations | Local, state & federal | National & local foundations | Foundations

OUTCOMES

Increased: ✓school readiness ✓high school graduation rates ✓college/career readiness ✓postsecondary success ✓innovation ✓employment

Revised 3/20/14

For more information contact Tony Peyton, Policy Director for Mayor Greg Fischer, louisvilleky.gov, 502 574-1905

GOAL TREE

CYD applies the CivicLab's Stakeholder Engagement Process to address complex challenges and collectively achieve system-level change to improve the lives of our youth and their families.

Last updated: Dec 12, 2017

WHAT IS THE VISION?
THE GRAND CHALLENGE

How can we work together to ensure that every child is healthy, safe, educated, engaged, and supported throughout Bartholomew County?

WHAT ARE THE GOALS?
KEY PRIORITIES

- **SOCIAL EMOTIONAL WELL-BEING**
- **YOUTH EMPOWERMENT**
- **FAMILY ENGAGEMENT**
- **PROFESSIONAL DEVELOPMENT**
- **ADVOCACY**
- **COLLECTIVE IMPACT**

WHAT IS OUR WORK?
THE STRATEGIC FOCUS AREAS

- Youth Engagement Mapping Project
- Responsive Youth-Serving Programs
- Innovative Youth-Led Programs

- Family Engagement Interest Survey
- Coordinate and Expand Developmental Assets Education For Families
- Community Coordination of Wellness Resources

- Developmental Assets Cross-Sector Training
- Annual Professional Development Events Schedule
- Coordination of Benchmark Data Sharing

WHAT ARE THE STANDARDS?
THE OUTPUTS WE MEASURE

MEASUREMENT	TARGET
Postsecondary Attainment	60%
High School Graduation	98%
Juvenile Detention	Decrease
Youth Suicide	Zero
Student Attendance	Increase
Child Abuse & Neglect	Decrease
CHINS Cases	Decrease
Developmental Assets Profile	Growth
Indiana Youth Survey	Improve

HEALTH | **SAFETY** | **EDUCATION** | **ENGAGEMENT** | **SUPPORT**

WHAT DIFFERENCE DO WE MAKE?
THE OUTCOMES AND RESULTS

hea
HORIZON EDUCATION ALLIANCE

HORIZON EDUCATION ALLIANCE
MODEL OF CHANGE

COLLABORATION

WHO WE ARE	HOW WE WORK	OUR NETWORK OUTPUTS
Adult Learning Network	Stakeholder Engagement Process	Dynamic Network Maps
College & Career Network	Design, Monitoring, Evaluation	Systems Alignment
Middle Education Network		Mutually Reinforcing Activities
Early Education Network		
Parent Engagement Network		Collaborative Investments

+

INNOVATION

CURRENT COLLABORATIVE INVESTMENTS

GRADE

Adult
12
11
10
9
8
7
6
5
4
3
2
1
K
Pre-K
0-3

- Triple P Positive Parenting Program
- HSE + Early College High Schools
- Reaching Higher
- PAX Good Behavior Game
- Tools of the Mind
- EI Sistema
- Business & Education Round Tables
- EL Education

=

TRANSFORMATION

OUTCOMES

PERFORMANCE	LIFESPAN	COMMUNITY
Strong Networks	Adult Educational Attainment	A Creative, Educated, and Skilled Workforce
Diverse, Multi-Sector Stakeholder Engagement	Post-Secondary Completion	A Culture of Lifelong Learning
Broad Reach of Initiatives	Post-Secondary Enrollment	Engaged Families & Communities
High Quality Implementation	High School Graduation	Equity
Effective Use of Data	21st Century Skills	
	8th Grade Academic Success	
	3rd Grade Reading	
	Kindergarten Readiness	

Cradle to Career to Next Generation

Workforce Elevation

Learning Journey → Prepared Workforce → Fulfilled Economic Potential

GRAND CHALLENGE

Having a prepared & expanding workforce to meet economic potential

LONG TERM

ORGANIC GROWTH

Pre-K	K-5	Middle School	HS / Post Secondary
Goal: All pre-Kindergarten children in Hancock County will have access & participate in an early learning / pre-K experience	**Goal:** All students in Hancock County K-5 schools will have access to social and leadership skill development programs	**Goal:** All Hancock County middle school students will have explored various career options & identified a career interest as well as a career plan going into high school	**Goal:** All students in Hancock County will graduate from high school with an understanding of a career planning process to prepare or be employment ready
Objectives: • Assess barriers to early learning experiences • Increase opportunities and participation in Kindergarten readiness programs	Objectives: • Explore opportunity for community-wide implementation of the "Leader in Me" program in all schools	Objectives: • Exposure to various career opportunities • All students complete a career assessment prior to going into high school • Students understand skills required for desired careers • Increase parental involvement in career planning	Objectives: • Increase % of graduates that are employment ready • Add training programs to increase the number of available skilled workers • Increase the % of bachelor and associate degree graduates
Learning Readiness	Leadership Skill Building	Career Exposer & Exploration	Planning & Completion

SHORT TERM

EARLY WARNING NETWARK

Stage I – Initial Assessments	Stage II – Company Specific Assessments	Stage III - Evaluation
Goal: Candidate Referred to: • Stage II or; • Social Safety-net	**Goal:** Candidate referred to: • Job offer (new employee) • Additional Training (new or incumbent employee) • Social Safety-net	**Goal:** Annual Company Survey

DESIRED OUTCOMES

- Diverse Qualified Workforce
- Seamless Education System
- Core Measures / Metrics
- Economic Development / Residential Growth

Coordination: Economic Development

Partners:

Education

- The University of Findlay
- Owens Community College
- Brown Mackie
- Findlay City Schools
- Hancock County Schools
- Ohio College Tech Prep
- Private Schools
- Parochial Schools

Business

- Blanchard Valley Health System
- Marathon Petroleum Corporation
- Cooper Tire & Rubber
- GSW Manufacturing
- Ball Metal
- Nissin Brake
- Rowmark
- Sanoh
- The Right Thing
- Whirlpool
- CentraComm
- Findlay Publishing Company
- Garner Transportation Group
- National Lime & Stone

Community

- Findlay-Hancock Co Library
- The Arts Partnership
- 4-H
- Boy Scouts
- Camp Fire Northwest Ohio
- Findlay Young Professionals
- Literacy Coalition
- United Way
- Veteran's Administration
- The Alliance
- Downtown Findlay Improvement
- Hancock County Homebuilders
- Junior Achievement
- The Community Foundation
- The Chamber Foundation

Public

- Hancock Co, Commissioners
- City of Findlay
- Ohio Means Jobs
- State of Ohio
- JobsOhio

Bicycle Helmet Public Information Campaign

Situation

Funding for an informational campaign to encourage bicyclists to use helmets has been received

Inputs

- Three full-time staff members
- Volunteers with traumatic brain injuries
- Space and equipment (donated by a local nonprofit agency)

Target Systems

- Individuals and organizations aligned with riding bicycles for recreation and / or transportation
- Journalists and publications covering disability, athletic, and mainstream issues
- Bicycle helmet and bicycle manufacturers conducting marketing/ public relations campaigns
- Community-based charities interested in bicycle helmet give-away programs
- Community and state chapters, and the national association on brain injury

Activities

- Gather current information on deaths due to bicycling accidents
- Gather information about rate of traumatic brain injuries from bicycle accidents currently documented
- Gather data about injury prevention from use of helmets when bicycling
- Develop press kits for media
- Develop and support use of Public Service Announcements for television and radio
- Attract key individual journalists to the issue of traumatic brain injuries from bicycle accidents
- Promote attention and award recognition to media attention on helmet use campaign

Outputs

- *Special Report Comparing Costs of Helmet Safety and Traumatic Brain Injury* produced and shared with all local, state, and national TBI-related agencies
- Fact sheets produced on available data concerning incidence rates of traumatic brain injury and helmet safety programs distributed by local, state, and federal elected officials
- Establish national recognition program for effective helmet safety programs and solicit volunteer "celebrity" to work in association with this recognition effort
- PSA announcements about people benefited by helmet safety programs and people (including family members) experiencing injuries that they consider preventable through the wearing of a helmet while bicycling
- Contact Governors' Committees for People with Disabilities concerning past "journalist awards" and also coverage (related through pres kits) of helmet safety effects on TBI (including consumer stories)

Outcomes - Impact

Short-Term

- Bicycle riders will become more aware of benefits of wearing helmet while cycling
- Disability and mainstream journalists will be more aware of bicycle helmet use

Intermediate

- Bicycle riders will use helmets more frequently

Long-Term

- Frequency of deaths due to bicycling accidents will decrease
- Rate of traumatic brain injuries from bicycling accidents will decline

Data

- Focus groups measuring change in awareness
- Individual interviews with volunteer group of bicyclists
- Focus groups with disability and mainstream journalists
- Individual interviews with journalists to asses specific changes in awareness and understanding

Data

- Focus groups to asses helmet use and attitude regarding helmet use
- Survey of TBI-related consumer organization to identify new information sharing campaigns implemented s a result of project activities and information sharing

Data

- National data sources

Dissemination Planning and Actions/Intensive Utilization Activities

Sistema Big Noise Children's Orchestra Logic Model

AIMS

- Transform Children's Lives Through Music
- Empower Communities
- Grow Future Orchestras

INPUTS

- Finance from Funders
- El Sistema
- Staff Volunteers
- Influential Board
- In Kind Support
- Buddying System

OUTPUTS — Activities

- Establish Local National & International Working Partnerships with range of Services
- Pre-Orchestra Programme
- Special Education Needs Programme
- Out of school programme
- Community Events & Performances
- Outings to Performances
- Adult Orchestra
- Volunteering Opportunities

OUTCOMES

Short Term Outcomes

- Create accessible and inclusive orchestra based on El Sistema philosophy
- Nursery Children, Special Education Needs children and Primary Children Involved in in-school activities
- Primary 2 and upwards children involved in ou-of-school orchestra
- Families aware of and engaging in activities
- Communities aware of and engaging in activities

Medium Term Outcomes

- Child Increases Confidence
- Child Increases Motivation
- Child Improves Social Skills
- Child Increases Aspirations
- Child Improves Mental and Emotional Well-Being
- Child Improves Engagement with Education
- Child grows respect, understanding, empathy and emotional intelligence
- Create New Life Opportunities for Children and Families
- Wider Participation (Families and Communities)
- Families improve parenting skills, social confidence and aspirations

Long Term Outcomes

- Sistema recognised and influential at national level
- Transfer model to other areas in need
- Confident, Motivated young people with developed social skills
- Mentally and emotionally healthy young people
- Improved educational attainment
- Young People engaged with education & achieving
- Young people are responsible citizens
- Improved Community Cohesion
- Improved internal and external Perceptions of Raploch

NATIONAL OUTCOMES

- We take pride in a strong, fair, inclusive national identity
- We have tackled the significant inequalities in Scottish Society
- We live longer, healthier lives
- Our children have the best start in life and are ready to succeed
- We are better educated, more skilled and more sucessful renowned for our research and innovation
- Our young people are successful learners, confident individuals, effective contributors and responsible citizens
- We have improved the life chances for children, young people and families at risk
- We live or lives safe from crime disorder and danger
- Strong, resillient and supportive communities where people take responsibility for their own actions and how they affect others

Assumptions

- Inclusive nature of Orchestra
- Being part of something different
- Learning new skills & challenges
- Immersive activity
- Quality
- Teamwork/ Lack of Competition
- High Status of Orchestra
- Continuity throughout year
- Longevity
- Scale

Externalities

Positive	Negative
• Urban Regeneration • Scottish Government Initiatives • CPP Initiatives • Community Campus • Strong Community Identity	• Current Economic Climate

55,000 Degrees

The **College Transition Action Network** works in collaboration to improve supports for college-intending students at risk of "melting" the summer after high school graduation in order to increase enrollment in post-secondary institutions and improve persistence through the first year of college.

2015 - 2016

VISION
The Grand Challenge

By 2020, 85% of Louisville high school graduates will enroll in college within 12 months of graduation.

By 2020, 85% of African American Louisville high school graduates will enroll in college within 12 months of graduation.

GOALS
The Few Things That Matter

- Increased college knowledge and readiness of students – academically, financially, and socially – to build a strengthened college-going identity
- Improved partnerships and seamless pathways to strengthen supports and programs for students
- Better understanding of why students melt, research on best practices, and evaluation of CTAN efforts – improved policies

HIGH IMPACT PROJECTS
The Strategic Focus Areas

- Pass the Baton
- Summer Coaching
- College Campaigns
- Text Nudging

METRICS
The Outputs We Measure

- Pass the Baton: 6 high school partners; 150 student participants
- Summer Coaching: 7 college partners; 150 student participants
- College Campaigns: 8 college partners & 20 high schools; 4 major campaigns
- Text Nudging: 8 college partners & 20 high schools; 500 student participants

THE DIFFERENCE WE MAKE
The Outcomes and Results

Shared Outcomes:

More students enroll in post-secondary education within 12 months of high school

- Increased matriculation for underresourced, underrepresented minority, and underprepared students

Fewer high school graduates delay or abandon their college intentions and plans

- Decreased instances at all points of melt

Improved and expanded institutional partnerships

- Established data sharing agreements

Increased community awareness of college-going challenges for students resulting in a greater sense of accountability for supporting students beyond high school to ensure post-secondary success

CURRENT STATE PICTURE

The JCPS college-going rate has declined for the past 6 years among graduating seniors from a high of 68% in 2007 down to 61% in 2012.

The college "intender vs. attender" gap is a national phenomenon also known as "Summer Melt."

Of the JCPS class of 2013, 20% of seniors demonstrated an intention to go to college, but did not enroll the fall following graduation. The most salient characteristics of the profile of JCPS "intenders" included: 84% Pell-eligible, 82% ACT < 20, and 57% first-generation college-goer.

This profile may indicate that the greatest barriers to college going for this population are college-going mindset, financing college, academic readiness, and college knowledge/support.

© 2015 55,000 Degrees

TRI-COUNTY
CRADLE TO CAREER COLLABORATIVE

OUR IMPACT
Our Purpose and Vision

Our Purpose
The Tri-County Cradle to Career Collaborative (TCCC) is a community-wide movement focused on improving education outcomes from birth to workforce readiness in Berkeley, Charleston and Dorchester Counties, South Carolina. We are businesses, school districts, institutes of higher education, non-profits and other committed partners, working together to make more efficient and effective use of resources devoted to improving education in our region. Ultimately, we will increase student success, a skilled workforce and economic prosperity for all through collaborative networks creating widespread systemic change.

Our Vision
- Every child will be prepared for school.
- Every child will be supported in and out of school.
- Every child will succeed academically.
- Every child in the tri-county region will graduate from high school prepared for either further education or employment in the modern workforce.
- Every student enrolled in postsecondary education will complete successfully and will enter a career.

HOW WE WORK
Our Initiatives

Grade	Core Indicator	Metric*
Adult		
16	Postsecondary Completion (2 & 4 year degrees & certificates)	Awarded to Local High School Graduates & by Local IHEs
15		
14		
13	Postsecondary Enrollment	Local High School Graduates Enrolled in Any IHE
12	High School Graduation	Students Graduating within 4 Years of Entering 9th Grade
11		
10		
9		
8	8th Grade ELA & Math	PASS Mean Score & % Met or Exceeded Grade Level Standard
7		
6		
5		
4		
3	3rd Grade ELA & Math	PASS Mean Score & % Met or Exceeded Grade Level Standard
2		
1		
K	Kindergarten Readiness	mCLASS:CIRCLE (New Assessment Tool - Details TBD)
Pre-K		

OUR TARGETS
Our Measured Outputs

Postsecondary Completion
Indicator Metric	Measure
Local HS Graduates at any IHE	#
Degrees Awarded by Local IHEs	#

Postsecondary Enrollment
Indicator Metric	Measure
Local HS Graduates at any IHE	#

High School Graduation
Baseline Metric	Measure
Students Graduating w/in 4 years	%

8th Grade PASS Scores
Baseline Metric	Measure
ELA - Mean Score	#
ELA - Met / Exceeded Grade Std	%
Math - Mean Score	#
Math - Met / Exceeded Grade Std	%

3rd Grade PASS Scores
Baseline Metric	Measure
ELA - Mean Score	#
ELA - Met / Exceeded Grade Std	%
Math - Mean Score	#
Math - Met / Exceeded Grade Std	%

Kindergarten Readiness
Baseline Metric	Measure
Readiness	%

WHO WE ARE
Our Stakeholders

Education Partners
Berkeley County School District
Charleston County School District
Dorchester District Two
Dorchester District Four
Charleston Southern University
Charleston School of Law
The Citadel
Clemson University
College of Charleston
Medical University of South Carolina
Trident Technical College
University of South Carolina

100+ Business Partners
The InterTech Group
Blue Cross Blue Shield of SC
MeadWestvaco
South State Bank
Robert Bosch, LLC
Alcoa Mt. Holly
Bank of America
BB&T
Berkeley Electric Cooperative
Boeing SC
Cummins Turbo Technologies
Daniel Island Company
Hagemeyer North America
Nelson Mullins Riley & Scarborough
Roper Saint Francis Healthcare
Santee Cooper
SCE&G – A SCANA Company
Select Health of South Carolina
TD Bank
Wells Fargo Foundation

Community Partners
Charleston Metro Chamber of Commerce
Charleston Regional Development Alliance
Coastal Community Foundation
Herzman-Fishman Foundation
Home Telecom
Kohlheim Family Fund
Legasey Family Fund
Patrick Family Foundation
South Carolina Community Loan Fund
Trident United Way

Economic Cluste Advanced Manufacturing

Career Pathway Electronic Careers Pathway

2015 average annual wage in Indiana: $59,370
(Average based on Career Technical Education &/or Associate's Degree)

Job Titles: Electronics Technician, Industrial Electrician, Biomedical Electronic Service Technician, Electronics & Micro Engineering, Computer Systems Engineering, Electrical & Electronic Engineering, Information Technology & Telecommunications Specialist

VERSION 1.2

TALENT **ECO**SYSTEM

Co-Created Educator/Employer Recruitment Strategies

Teachers	Youth	Under/Unemployed Workers	Adults with Some College	Incumbent Workers
Teacher Externships and Workplace Tours with Regional Employers				
	Dream It. Do It. Career Awareness Campaign		You Can Go Back	
	Dream It. Do It. Champions			Employer Sponsored Campaigns
	Employer Skilled Trades Recruitment	Bartholomew County Works		

Education Pathway

	7	8	9	10	11	12	13	14	15	16
Stakeholders			Communications and Technology @ C4							
Bartholomew Consolidated School Corporation				Computers in Design and Production		CORE 40 with Honors High School Graduation Plan	High School Certifications Available: Electronics Technician Association, Student/Associate Technician, Cisco IT Essentials I and II			
C4 CareerTech Ed.				Introduction to Engineering Design						
				Design Electronics						
					Electronics and Computer Technology @ C4					
						Electronics and Computer Technology @ C4				
Ivy Tech Community College					Potential Dual Credit: Ivy Tech Community College: EECT 101 (Intro to Electronics & Projects- Yr. 1); EECT 113 (Basic Electricity- Yr. 1); EECT 112 (Digital Fundamentals)	Dual Credits Applied	Electronics and Computer Technology			
Purdue Polytechnic Columbus							Industrial Technology			
Regional Employers: - Cummins Inc. - Enkei - NTN Drive Shaft - Honda - Corel - Faurecia - Toyota - Caltherm - NSK - Mactec							Internships and Apprenticeships			
							Learn to Earn Programs			
							Tuition Reimbursements			

Shared Measurement Scorecard

	2013 Enrollments (Baseline)	2015 Fall Enrollments (Goal)	2015 Fall Enrollments (Actual)	2016 Fall Enrollments (Goal)
	27	32	63	38
Electronics and Computer Technology	00	00	00	00
Industrial Technology	00	00	00	00
Internships and Apprenticeships	2	6	7	7

Careers One-Level Up

Adult Basic Education → Bridge Instruction → Credentials → Associates Degree → Bachelors Degree → Advanced Degrees

Unskilled Job

Job Titles:

Semi-Skilled Job

Job Titles: Electrical Equipment Assemblers, Helpers—Installation, Maintenance, and Repair Workers, Data Entry Keyers, Inspectors, Testers, Sorters, Samplers, and Weighers

Entry-Level Skilled Job

Job Titles: Welding, Machine Operators, Team Assemblers, First-Line Supervisors of Production and Operating Workers, Semiconductor Processors

Specialized Skilled Job

Job Titles: Electrical Engineering Technicians, Electrical Installers/Repairers, Manufacturing Production Technicians, First-Line Supervisors of Mechanics, Tool and Die Makers, Industrial Machinery Mechanics

Skilled Job

Job Titles: Electrical Engineers, Information Security Analysts, Computer Systems Engineers/ Architects, Automotive Engineers, Biomedical Engineers, Aerospace Engineering and Operations Technicians

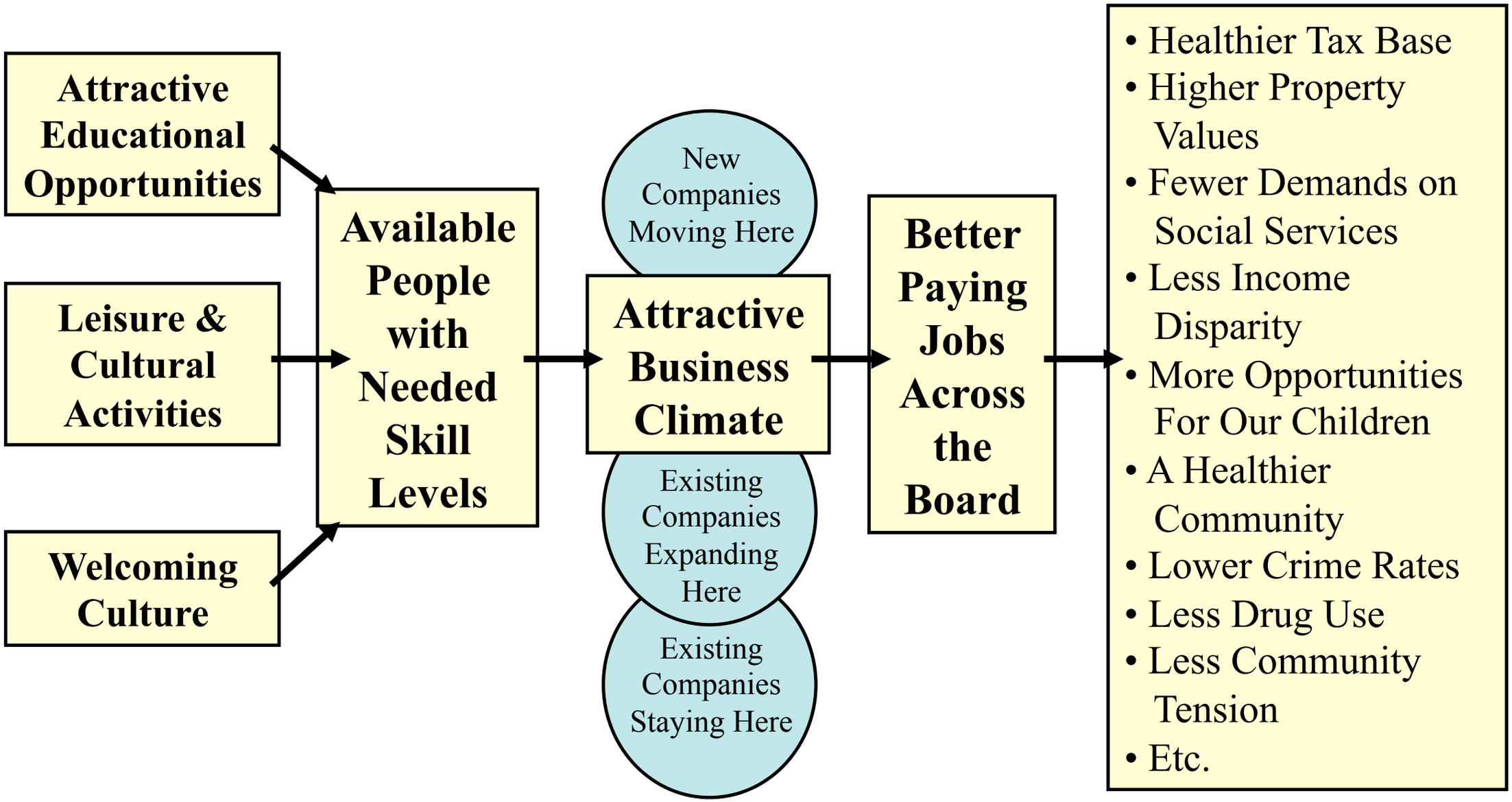
Managers & Technical Professionals

Job Titles: Architectural and Engineering Managers, Physicists, Microbiologists, Engineering Teachers - Postsecondary

Events and Outreach Calendar: 2016

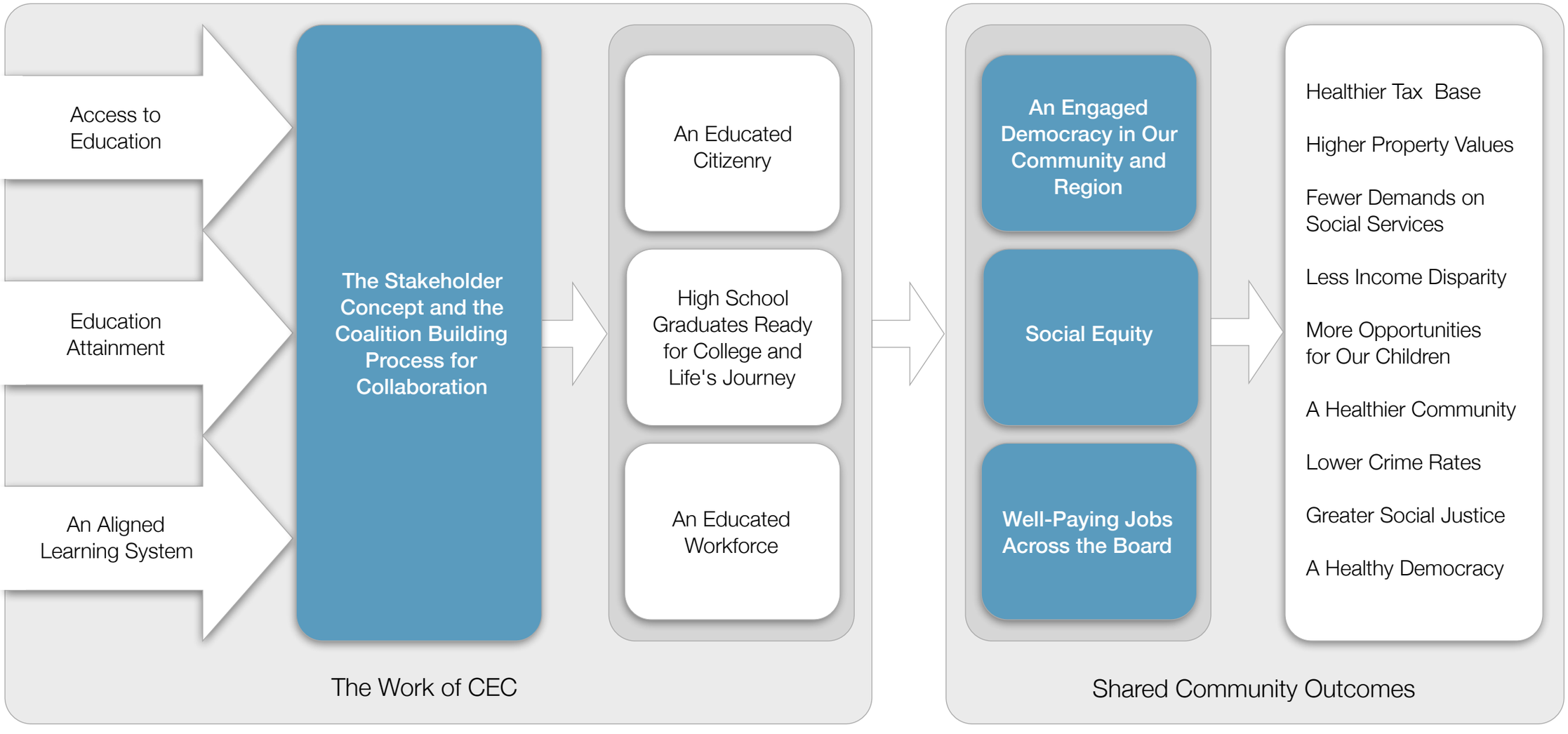
DATE	EVENT (ESTIMATED INDIVIDUALS REACHED)
9/17	Career Fair, Columbus Learning Center
9/29	Plant Tours and Teacher Externships
10/1	Industry Presentation/CARRS & Keystone
10/20	Resume writing presentation for skilled trades Jrs and Srs
11/3	Interview presentation for skilled trades Jrs and Srs
11/9	Jr/Sr Skilled Trades Tours
11/17	Industry Field Trips Keystone/CARRS
1/12	Resume Presentation to C4 Engineering Students
1/20	Career Fairs and C4 Open House
1/26	Interview presentation to C4 Engineering Students

Critical Issues



Community Education Coalition

The Community Education Coalition's Theory of Change



WHAT MAKES A **GREAT PLACE?**

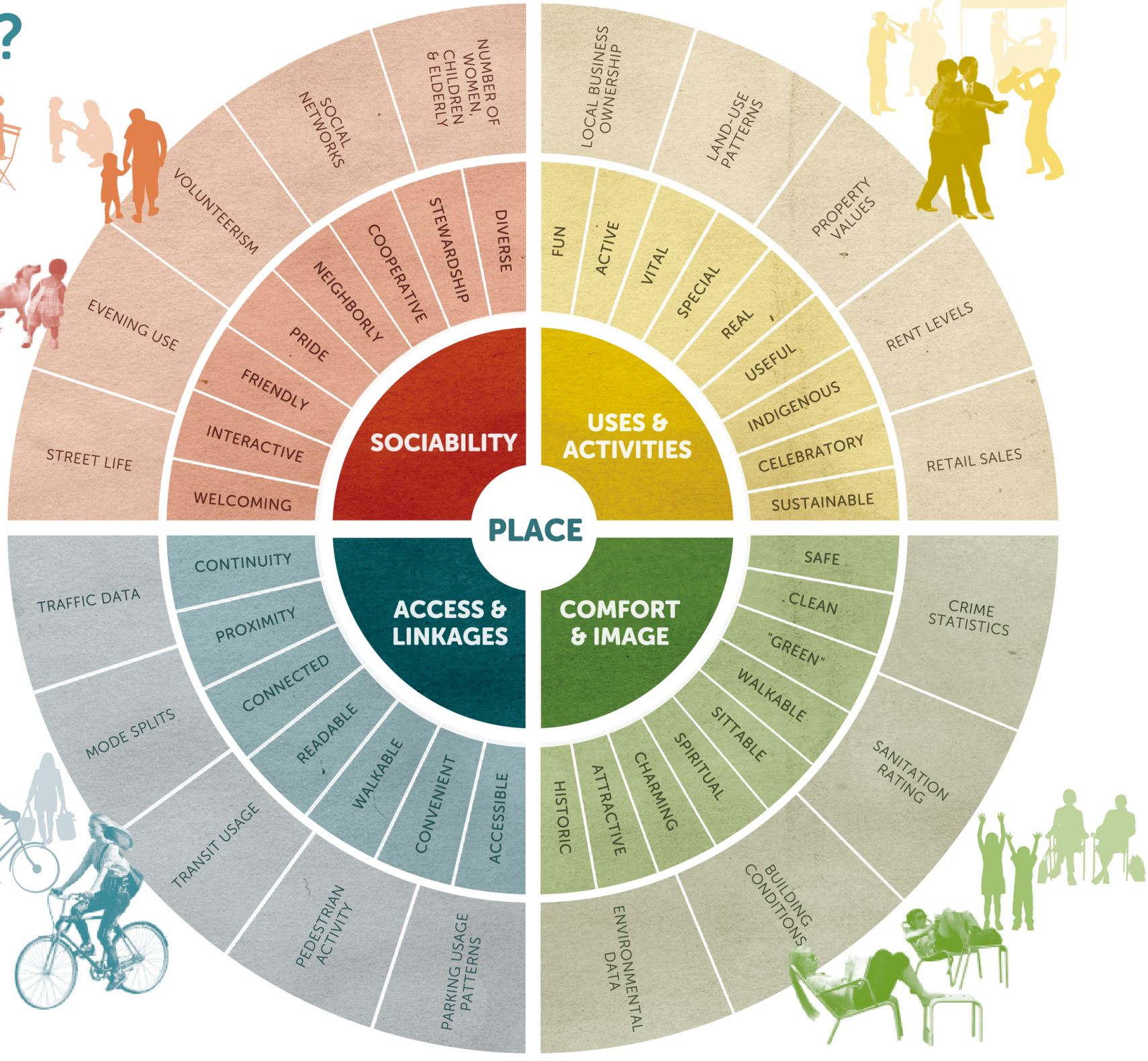




KEY ATTRIBUTES

INTANGIBLES

MEASUREMENTS





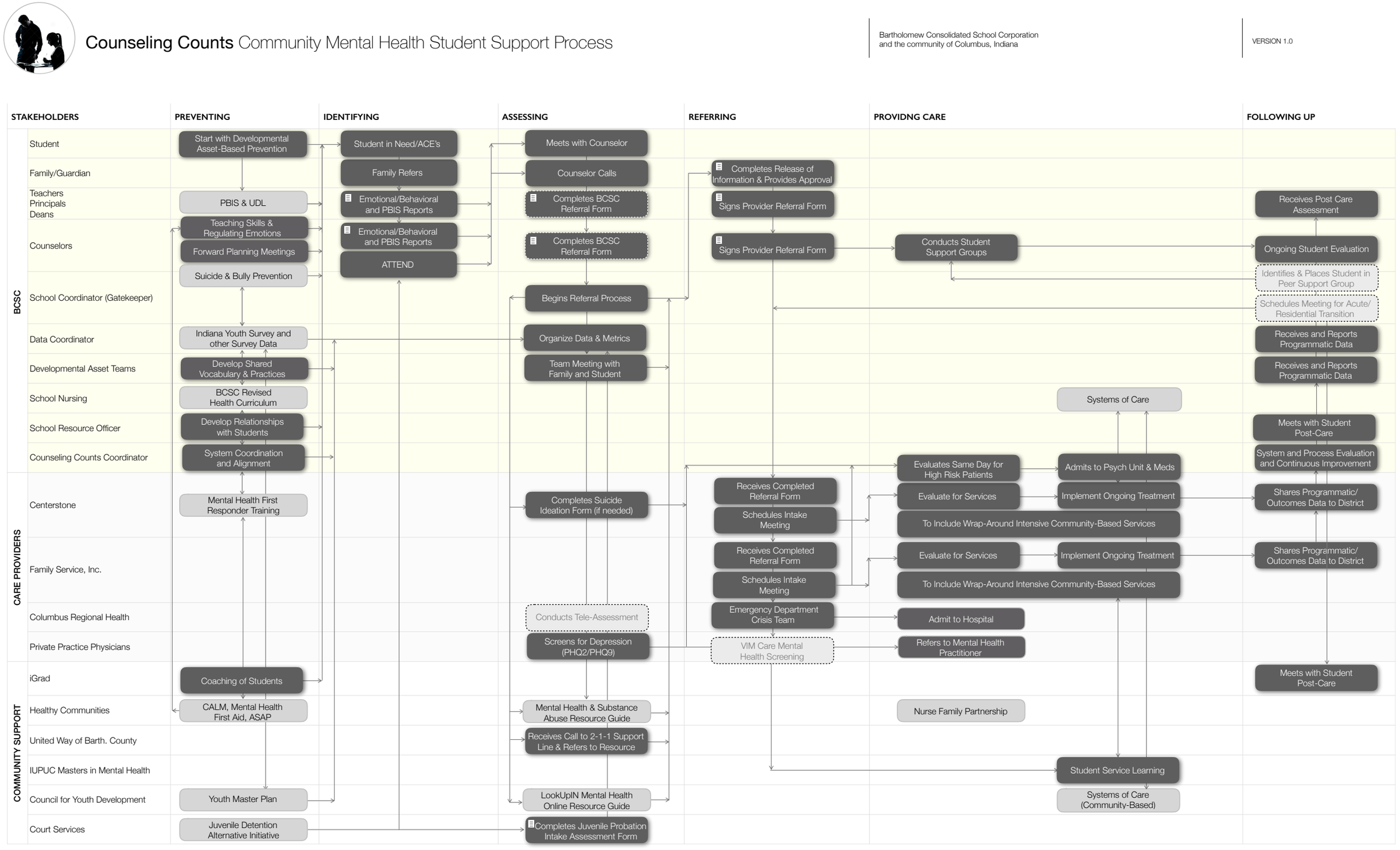
PROJECT FOR PUBLIC SPACES

Work-Flow Process Maps

Counseling Counts Community Mental Health Student Support Process

Bartholomew Consolidated School Corporation
and the community of Columbus, Indiana

VERSION 1.0



DRAFT 05-22-17

POWERHOUSE CREDENTIALS - Crosswalk of Regional Hot Jobs, WorkIN Credentials, and Ivy Tech Degree Pathways

Target Industry Sector	Region 9 Hoosier Hot Jobs	WorkIN Training Program	Industry Recognized Credential	Training Available in Region	Related Skills and Competencies Gained through WorkIN Training	Ivy Tech Dual Credit Awarded for WorkIN Credential - Class List	Ivy Tech Certificate (Stackable Credential)	Ivy Tech Technical Certificate (Stackable Credential)	Ivy Tech Associate Degree
Advanced Manufacturing ---------- (Confirmed, 5/22/17, Steven Coffman, Regional Dean & Asst. Prof. Ivy Tech Columbus / Southeast, Schools of Technology, Applied Science & Engineering)	Welders, Cutters, Solderers, and Brazers (#15) Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders (#41)	Entry Welder	American Welding Society (AWS)				Industrial Technology Structural Welding Concentration *0-18 out of 21 total credits - *Dependent on the level of AWS Certification - Will have to be reviewed individually/on a case-by-case basis for the allowable amount of credit hours awarded*	Technical Certificate in Industrial Technology Welding Concentration 34 total credits	AAS Industrial Technology 60 total credits
			*Level 3 SMAW ("Stick Welding")	Y	Safely operate welding tools	WELD 108 (3 credits) & WELD 206 (3 credits) - Level 3 SMAW*			
			*Level 3 GMAW ("MIG Welding")	Y	Layout, position, measure,	WELD 207 (3 credits) & WELD 272 (3 credits) - Level 3 GMAW*			
			*Level 3 GTAW ("TIG Welding")	Y	cut and align pieces	WELD 208 (3 credits) & WELD 273 (3 credits) - Level 3 GTAW*			
			Any AWS Certification			WELD 209 (3 credits)			
						Each AWS Certification will have to be reviewed individually/on a case-by-case basis for the allowable amount of credit hours awarded			
	Machinists (#4) Industry Machinery Mechanics (#9) Maintenace and Repair Workers, General (#11) First Line Supervisors of Production and Operating Workers (#13) Welders, Cutters, Solderers, and Brazers (#15) Assemblers & Fabricators, All Other (#19) Industrial Production Managers (#27) Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders (#41) Tool and Die Makers (#42)	Production Worker	Manufacturing Skills Standards		Perform safety inspections,	ADMF 101 (3 credits) ADMF 102 (3 credits)	Mechatronics Level 1 6 out of 27 total credits	Automation and Robotics Technology 34 total credits	AAS Advanced Automation & Robotics Technology 75 total credits
			Council - Certified Production		safety orientation & training				
			Technician (MSSC - CPT)		Calibrate gages/data collection eqpt.				
			Safety and Quality	Y	Inspect/documemt materials		Industrial Electrical 6 out of 21 total credits	Industrial Electrical 34 total credits	
			Production and Maintenance	Y	and product processes				
					Fundamental blueprint reading				
					Use measurement systems/tools		Industrial Mechanical 6 out of 21 total credits	Industrial Mechanical 34 total credits	AAS Industrial Technology 60 total credits
					Coordinate work flow				
					Document product compliance				
					Recognize need for and		N/A	Quality Assurance 6 out of 34 total credits	
					perform preventive maintenance				
					of electrical, phenumatic, hydraulic,				
					and machine systems, bearings,				
					belts and chains				
	Machinist (#4) Tool and Die Makers (#42)	CNC Operator	National Institute for Metal Working (NIMS) Level 1	Y	Measurement, Materials & Safety/Job Planning, Bechwork & Layout Certification	MTTC 101 (3 credits) *MTTC and CNC Production Machinist*	*Machine Tool Technology (MTTC): 12 out of 21 total credits ***or*** *CNC Production Machinist: 6 out of 18 total credits	*Machine Tool Technology (MTTC): 31 total credits ***or*** *CNC Production Machinist: 31 total credits	N/A
				Y	Manual Milling Skills 1 Certification	MTTC 103 (3 credits) *MTTC Only*			
				Y	Grinding Skills 1 Certification	MTTC 105 (3 credits) *MTTC Only*			
				Y	CNC Milling Operations/CNC Turning Operations Certification	MTTC 107 (3 credits) *MTTC and CNC Production Machinist*			
							* Ivy Tech has received ICHE approval to offer the Certificate and Technical Certificate Programs in the Southeast Region		
	Industrial Machinery Mechanics (#9) Maintenance & Repair Workers General (#11) (Early pathway credentail leading to job as Machinist (#4))	Machine Maintenance	Society for Maintenance and Reliability Professionals - Certified Maintenance & Relliabilty Technician (SMRP CMRT)	N	Maintenance practices		Dual credit currently not offered. This WorkIN credential was piloted by the DWD in Aug. 2016. We hope to learn more about this credential and if it was approved for WorkIN.		
					Preventitive and predictive maintenance	n/a			
					Troubleshooting & analysis				
					Corrective maintenance				
Transport. & Logistics ----- (pending)	Heavy and Tractor Trailer Truck Driver (#3)	Truck Driver, Light & Tractor Trailer Driver	CDL-A	Y	Operate a large trucker greater				
			CDL-B	Y	than or less than 3 tons	n/a			
					Obey all trafic laws & regulations				
Information Technology ---------- (pending confirmation)	On-Site Tech Data Management Specialist	Computer Support Specialist	Computer Technology Industry Association COMP TIA A+ (beginner)		Install & perform minor repairs	ITSP 135 (4 credits)	Digital Forensics 5 out of 27 total credits	Cyber Security Information Assurance 33 total credits	AAS Cyber Security Information Assurance 60 total credits
					to computer hardware, software,	ITSP 136 (1 credit)			
				Y	and other equipment				
					Technical knowledge of computer		Network Penetration 5 out of 27 total credits		
					networking & security				
							Network Security 4 out of 27 total credits		
							IT Help Desk 5 out of 22 total credits	Information Technology Support 30 total credits	AAS Information Technology Support 60 total credits
							IT Support 5 out of 24 total credits		
			COMP TIA Network+ (intermediary)	N	Manage, maintain, troubleshoot,	n/a			
					install, operate & configure				
					basic network structure				
					Describe networking				
					technologies				
			COMP TIA Security+ (intermediary)	N	Risk mitigation	CSIA 105 (3 credits)		Cyber Security Information Assurance 3 out of 33 total credits	AAS Cyber Security Information Assurance 60 total credits
					Provide operational informational				
					security				
					Apply security controls				
					Awareness of applicable policies,				
					laws & procedures				
Health Care ---------- (pending confirmation)	Certified Nursing Assistant Licensed Practical and Licensed Vocational Nurse (#17)	Certified Nurse Aide	C.N.A.	Y	Attend to patient needs including	HLHS 107 (5 credits)		Health Care Specialist/Clinical Support 5 out of 30 total credits	AAS Health Care Specialist 60 total credits
					grooming, applying dressings,				
					and turning bed-ridden patients				
					Collect specimens				
					Record patient vital signs				
					Observe and record food and drink				
					intake and output				