Better Health Partnership’s 20th Report to the Community

Recognizing our Members’ Performance

Thomas E. Love, Ph.D.
Chief Data Scientist, Better Health Partnership
Professor of Medicine, Population & Quantitative Health Sciences, Case Western Reserve University
Director of Biostatistics and Evaluation, Center for Health Care Research & Policy

The City Club of Cleveland – February 21, 2018

Better Health Partnership 10 Years Ago

26,162 adults with diabetes
43 practices & 417 providers
Better Health Partnership Now (2016-2017 data)

207,798 adults with chronic disease
80 practices & 844 providers, 9 systems

Cancer Screening and Population Health measures on 205,418 adults ages 50-75

Children's Health Initiative: Report 2 (April 13 release) will include 255,837 children

189 Primary Care and Pediatric Practices reporting to Better Health Partnership (February 2018)

In all, our new reports describe over 530,000 unique NE Ohio residents.
Care and Outcomes in Patients with Diabetes, since 2007

Evaluation and Treatment of Patients with Heart Failure, since 2008
Better Health Partnership: 20th Community Report

February 21, 2018 - the City Club of Cleveland

Care and Control in Patients with High Blood Pressure, since 2009

| # of Adults Meeting High Blood Pressure Standards |
|-----------------|-----------------|-----------------|-----------------|
| 2000            | 80,238          | 66,963          |
| 2010            | 109,000         | 92,000          |
| 2011            | 128,800         | 106,000         |
| 2012            | 149,600         | 120,000         |
| 2013            | 166,000         | 135,000         |
| 2014            | 184,000         | 153,000         |
| 2015            | 202,000         | 172,000         |
| 2016            | 220,000         | 190,000         |
| 2017            | 238,000         | 208,000         |

Achievement of HEDIS / NCQA Measures
Better Health Partnership: 2016-17

<table>
<thead>
<tr>
<th>High BP Measures</th>
<th>All</th>
<th>Medicare</th>
<th>Commercial</th>
<th>Medicaid</th>
<th>Uninsured</th>
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<tbody>
<tr>
<td>Blood Pressure Control</td>
<td>74</td>
<td>81</td>
<td>77</td>
<td>74</td>
<td>70</td>
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<tbody>
<tr>
<td>BP below 140/90</td>
<td>78</td>
<td>77</td>
<td>78</td>
<td>80</td>
<td>77</td>
</tr>
<tr>
<td>Hemoglobin A1c testing</td>
<td>94</td>
<td>95</td>
<td>93</td>
<td>95</td>
<td>96</td>
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<tr>
<td>A1c control (&lt; 8%)</td>
<td>66</td>
<td>70</td>
<td>64</td>
<td>57</td>
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<tr>
<td>A1c control (&lt; 9%)</td>
<td>85</td>
<td>89</td>
<td>84</td>
<td>75</td>
<td>74</td>
</tr>
<tr>
<td>Eye Examination</td>
<td>66</td>
<td>72</td>
<td>63</td>
<td>56</td>
<td>50</td>
</tr>
<tr>
<td>Kidney Management</td>
<td>87</td>
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<td>86</td>
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<th>Cancer Screening</th>
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<td>Colorectal Cancer Screening</td>
<td>74</td>
<td>80</td>
<td>73</td>
<td>60</td>
<td>55</td>
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Thomas E. Love, Ph.D., Chief Data Scientist
### Better Health Partnership: 2016-17 vs. National HMO/PPO data, 2016

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### Diabetes Care, by Race-Ethnicity, 2007-present

- **Diabetes Care standard**
  1. Hemoglobin A1c checked
  2. Microalbumin screen or ACE/ARB
  3. Eye Examination
  4. Vaccination against Pneumonia
Diabetes Care standard: Meet all four of:
1) Hemoglobin A1c checked  
2) Microalbumin screen or ACE/ARB  
3) Eye Examination  
4) Vaccination against Pneumonia  

Diabetes Outcomes standard: Meet at least four of:
1) Hemoglobin A1c < 8  
2) Blood Pressure < 140/90  
3) LDL < 100 or Statin  
4) BMI < 30  
5) Not using tobacco
High Blood Pressure Control
(most recent BP < 140/90)

Blood Pressure below 140/90
Patients with High Blood Pressure, 2011-present

% with BP < 140/90

<table>
<thead>
<tr>
<th>Year</th>
<th>%</th>
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<tbody>
<tr>
<td>2011</td>
<td>69.4</td>
</tr>
<tr>
<td>2012</td>
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<tr>
<td>2013</td>
<td>68.5</td>
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<tr>
<td>2014</td>
<td>69.0</td>
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<tr>
<td>2015</td>
<td>69.6</td>
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<tr>
<td>2016</td>
<td>67.9</td>
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<tr>
<td>2017</td>
<td>68.6</td>
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<tr>
<td>2018</td>
<td>67.2</td>
</tr>
<tr>
<td>2019</td>
<td>73.8</td>
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% with BP below 140/90 by subgroup, since 2014

Insurance groups:
- Commercial
- Medicare
- Medicaid
- Uninsured

By Race/Ethnicity:
- Hispanic
- White
- AA

By Income:
- High
- Mid
- Low

Place of Residence:
- City Sub
- Not City
- Cleveland

By Education:
- High
- Mid
- Low

By Sex:
- Male
- Female
Better Health Partnership 20th Community Report

February 21, 2018 - the City Club of Cleveland

Improvement in BP < 140/90 rate over the past two years

Children’s Health Initiative

• Deploying our collaborative model of measurement
  • Initial focus on obesity, blood pressure and asthma.
  • Importance of non-medical determinants of health.
• Connecting clinicians with community resources
• Development of data elements, reporting processes, addressing privacy concerns

• First Public Report included
  • 151,749 children ages 2-18
  • 601 primary care providers
  • 88 practices in 5 systems
  • April 2016 – March 2017 data
  • Obesity and Blood Pressure

• Second Public Report: April
  • To include 255,837 kids
  • 898 providers in 163 practices in 6 health systems
  • Oct 2016 – Sept 2017 data
  • Initial Results on Asthma

This Map Shows
96,054 kids in Cuyahoga County
44,303 kids in City of Cleveland

Report 2
255,837 NE Ohio children ages 2-18 seen in Oct 2016 – Sep 2017

This Map Shows
40,949 kids in Summit County
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% “Normal” Weight
Oct 2016 – Sep 2017

80.1 – 90%
70.1 - 80%
60.1 - 70%
60% or less

% Not Overweight
Children Ages 2-18
Cuyahoga County: 67%
Summit County: 69%

% who are not overweight
Children ages 2-18 with known BMI

Age: 2-3
76
Age: 4-5
73
Neighborhood’s Income: High
76
Neighborhood’s Education: High
73
Race/Ethnicity: Asian & Multi-Racial
72
Insurance: Commercial
72
Residence: Cuyahoga Suburbs
71
Race/Ethnicity: Non-Hispanic White
70
Age: 6-8
69
Residence: Summit County
69
Residence: Outside Cuyahoga and Summit
69
Sex: Male
68
Region: Overall
68
Sex: Female
68
Neighborhood’s Education: Middle
66
Insurance: Uninsured
66
Neighborhood’s Income: Middle
66
Age: 9-18
64
Race/Ethnicity: Non-Hispanic Black
63
Residence: City of Cleveland
63
Insurance: Medicaid
63
Neighborhood’s Education: Low
62
Neighborhood’s Income: Low
62
Race/Ethnicity: Hispanic
60

Only 68% of Children ages 2-18 are at a healthy weight

Age
Neighborhood SES
Race & Ethnicity
Place of Residence
Insurance
Sex

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Overweight and Obesity’s Link to Blood Pressure (kids age 3+)

80% Normal BP
9% Elevated BP
11% Hypertensive

Better Health Partnership

Spring 2018

Learning Collaborative

Friday, April 13 | 8:00 am - 4:00 pm
Cuyahoga Community College - Corporate College East

Featuring Keynote Speaker

Addressing health disparities and advancing health equity in health care
Angela C. Davison, MD, MRC, FCCPC
Director, Primary Care and Community Health Services, Cuyahoga County Public Health

Panel Session with Discussion Panel

Blood pressure control: How low should we go?

Dr. Wright has participated in several clinical trials including the Systolic Hypertension in the Elderly Program (SHEP). The study demonstrated that lowering systolic blood pressure by 10 mmHg reduces the risk of cardiovascular disease and death in older adults. More recently, he has also participated in the Hypertension in the Elderly Program (Hypertension in the Elderly Program) and the Antihypertensive and Lipid-Lowering Treatment to Prevent Heart Attack Trial (ALLHAT), which demonstrated that intensive blood pressure lowering can be achieved with thiazide diuretics and a renin-angiotensin system inhibitor. In addition, he has been involved in the development of blood pressure guidelines as a member of the American College of Cardiology/American Heart Association Task Force on practice guidelines. He has also been involved in the development of hypertension guidelines for the U.S. Preventive Services Task Force and the American College of Physicians. He is a frequent speaker on the topic of hypertension and has presented at national and international conferences. He is a member of the American Society of Hypertension and the American Society of Nephrology. He is a past president of the Ohio Hypertension Society and a member of the American Society of Hypertension. He is a member of the American Society of Nephrology and the American Society of Hypertension.