

Closing the PreK-12 Achievement Gap in Greater Hartford: Looking at Early Childhood Education, Teacher Quality Issues, and Desegregation

Hartford Consortium for Higher Education
in partnership with the Educational Studies Program
at Trinity College
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What is the “Achievement Gap”?

Which gaps are most apparent in Connecticut, and Greater Hartford in particular?

What do test score reports tell us -- or fail to reveal -- about the nature of the gaps?

How might we use this and other types of information to help close the gaps?

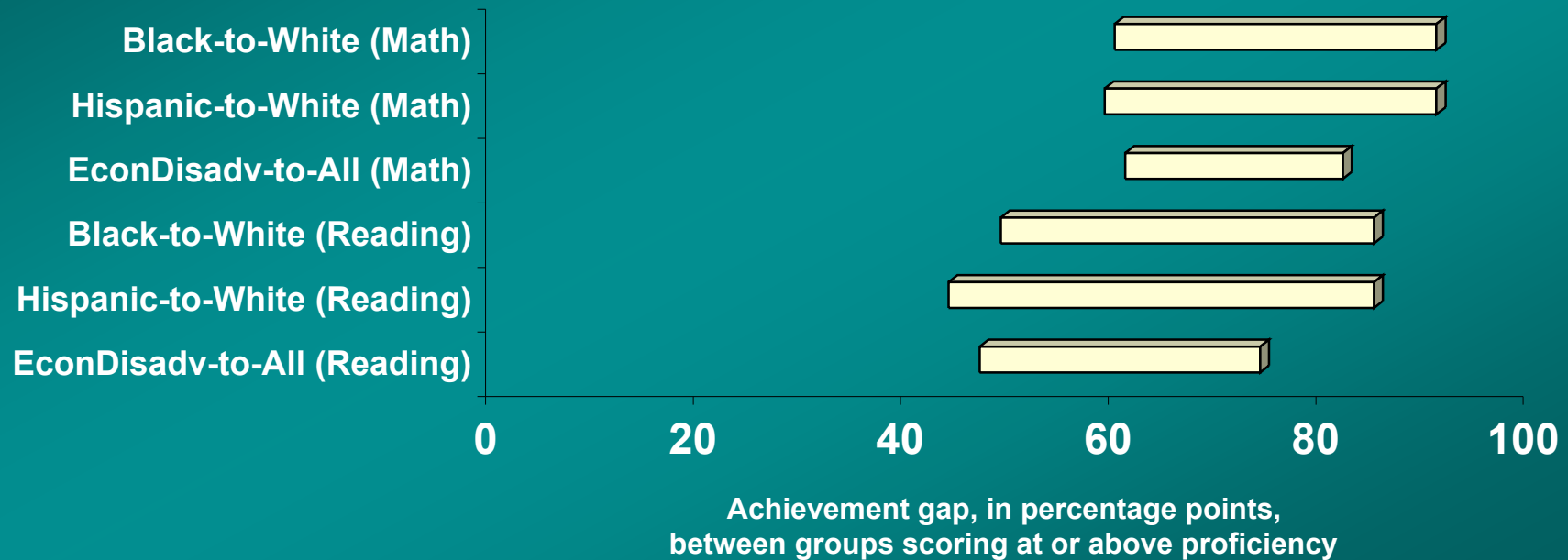
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Page 1 -- Racial and Social Class Achievement Gaps in Connecticut

Percentage of students scoring at or above proficiency on
Grade 6 Connecticut Mastery Test (CMT) 2003 Scores for entire state

	Black	White	Gap	Hispanic	White	Gap	Economically Disadvantaged*	All Students	Gap
Math	60	91	31	59	91	32	61	82	21
Reading	49	85	36	44	85	41	47	74	27

Connecticut Achievement Gaps, in 6th grade CMT 2003 scores, for selected subgroups across the state



* Economically Disadvantaged = eligible for free/reduced lunch

Data Source: CT Dept of Education data, compiled by eMetric LLC (www.cmtreports.com)

Chart Design: Cities, Suburbs, and Schools research project @ Trinity College (www.trincoll.edu/depts/educ/css)

Page 2 -- Black-White Math Gap

Percent scoring at or above proficiency on Math CMT 2002 in NCLB District Adequate Yearly Progress Status

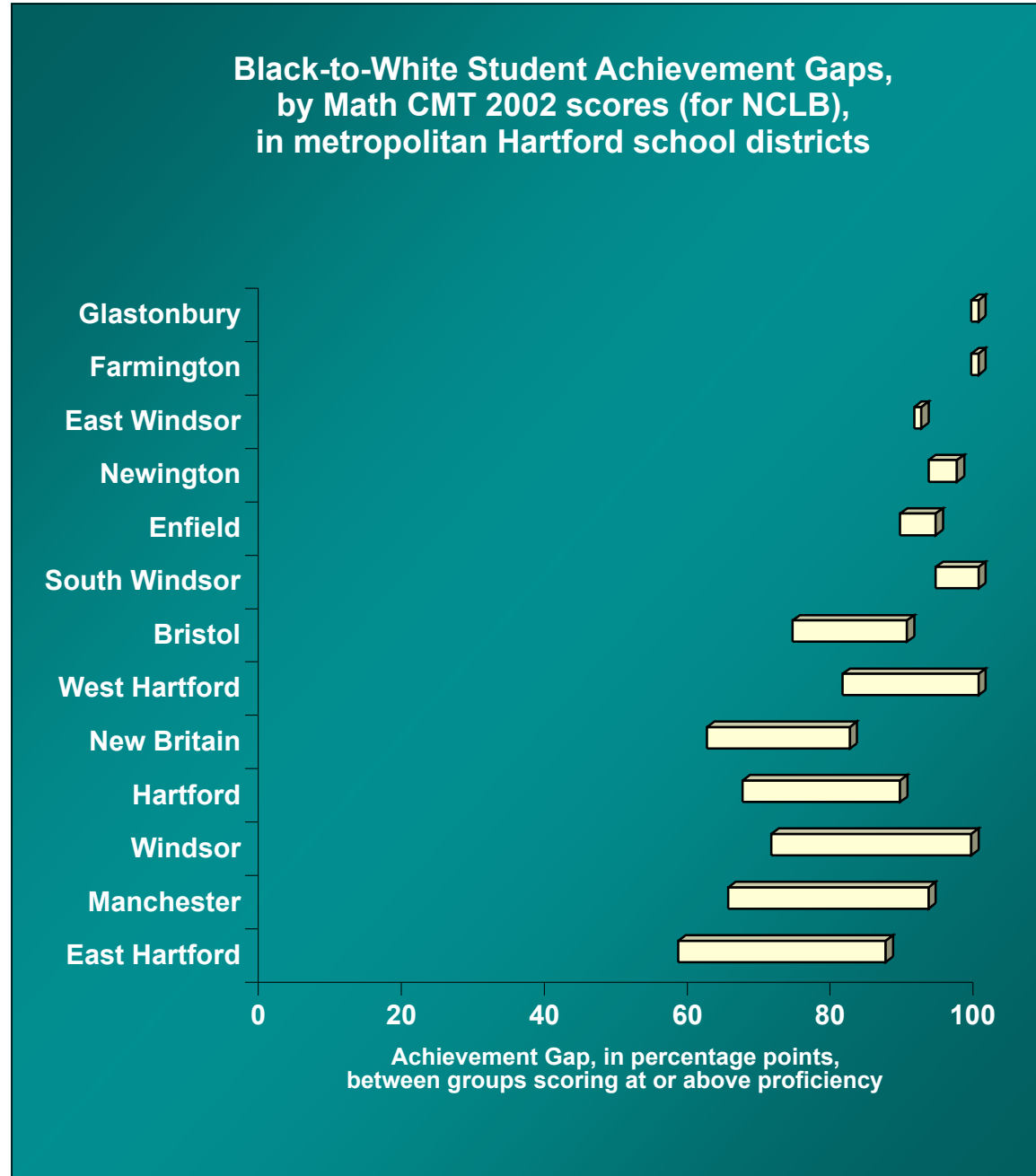
District	Black	White	Gap
Farmington	99	100	1
Glastonbury	99	100	1
East Windsor	91	92	1
Newington	93	97	4
Enfield	89	94	5
South Windsor	94	100	6
Bristol	74	90	16
West Hartford	81	100	19
New Britain	62	82	20
Hartford	67	89	22
Windsor	71	99	28
Manchester	65	93	28
East Hartford	58	87	29

Insufficient data for comparison

Bloomfield	77	*	n/a
Windsor Locks	*	89	n/a
Plainville	*	93	n/a
Southington	*	94	n/a
Berlin	*	98	n/a
East Granby	*	99	n/a
Avon	*	100	n/a
Burlington	*	100	n/a
Canton	*	100	n/a
Granby	*	100	n/a
Hartland	*	100	n/a
Marlborough	*	100	n/a
Rocky Hill	*	100	n/a
Simsbury	*	100	n/a
Suffield	*	100	n/a
Wethersfield	*	100	n/a

* <40 in selected grades for full year

Black-to-White Student Achievement Gaps, by Math CMT 2002 scores (for NCLB), in metropolitan Hartford school districts



Data source: CT Dept of Ed, No Child Left Behind District Reports, 2001-02 (www.csde.state.ct.us/public/der/nclb)

Chart design: Cities, Suburbs, and Schools research project @ Trinity College (www.trincoll.edu/depts/educ/css)

Page 3 - Hispanic White Math Gap

Percent scoring at or above proficiency on Math CMT 2002 in NCLB District Adequate Yearly Progress Status

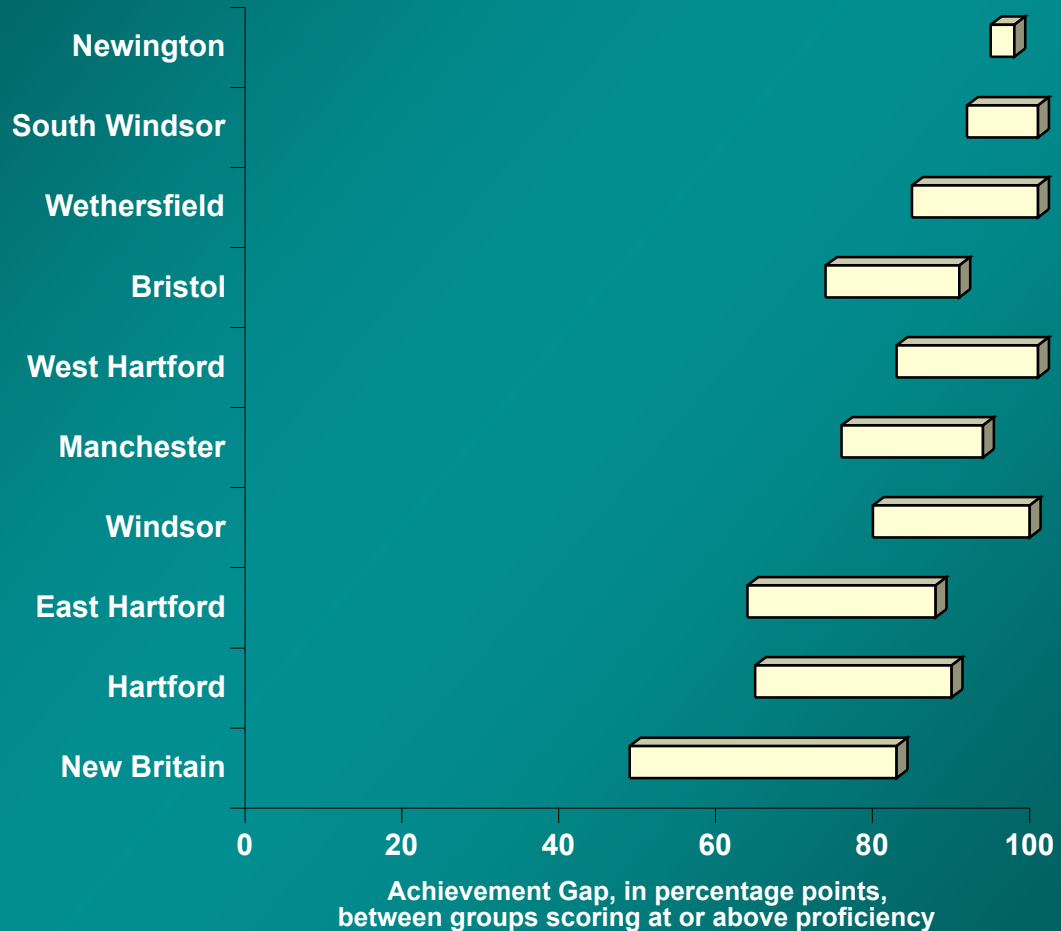
District	Hispanic	White	Gap
Newington	94	97	3
South Windsor	91	100	9
Wethersfield	84	100	16
Bristol	73	90	17
West Hartford	82	100	18
Manchester	75	93	18
Windsor	79	99	20
East Hartford	63	87	24
Hartford	64	89	25
New Britain	48	82	34

Insufficient data for comparison

Windsor Locks	*	89	n/a
East Windsor	*	92	n/a
Plainville	*	93	n/a
Southington	*	94	n/a
Enfield	*	94	n/a
Berlin	*	98	n/a
East Granby	*	99	n/a
Suffield	*	100	n/a
Simsbury	*	100	n/a
Rocky Hill	*	100	n/a
Marlborough	*	100	n/a
Hartland	*	100	n/a
Granby	*	100	n/a
Glastonbury	*	100	n/a
Farmington	*	100	n/a
Canton	*	100	n/a
Burlington	*	100	n/a
Avon	*	100	n/a
Bloomfield	*	*	n/a

* <40 in selected grades for full year

Hispanic-to-White Student Achievement Gaps, by Math CMT 2002 scores (for NCLB), in metropolitan Hartford school districts



Data source: CT Dept of Ed, No Child Left Behind District Reports, 2001-02 (www.csde.state.ct.us/public/der/nclb)

Chart design: Cities, Suburbs, and Schools research project @ Trinity College (www.trincoll.edu/depts/educ/css)

Page 4 - Social Class Math Gap

Percent scoring at or above proficiency on Math CMT 2002 in NCLB District Adequate Yearly Progress Status

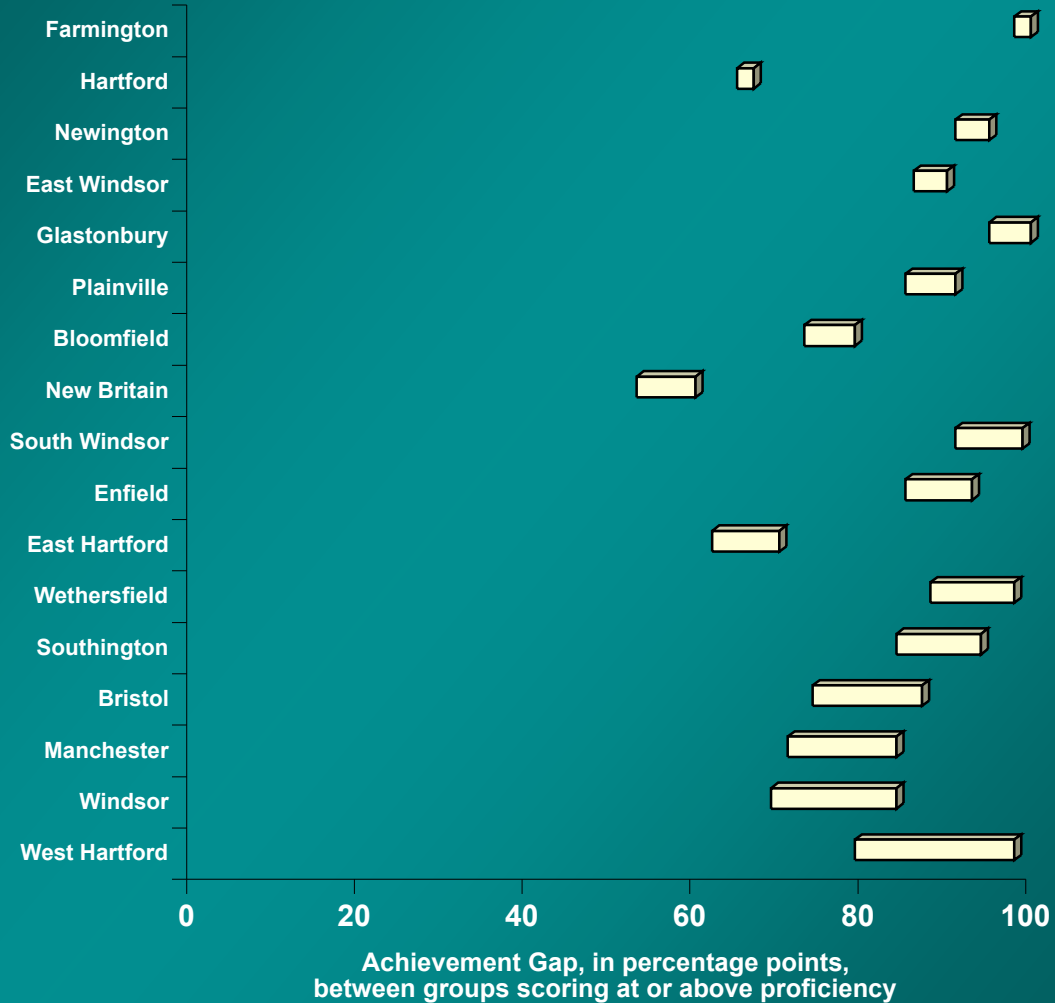
District	EconDis	All	Gap
Windsor Locks	91	88	-3
Farmington	98	100	2
Hartford	65	67	2
Newington	91	95	4
East Windsor	86	90	4
Glastonbury	95	100	5
Plainville	85	91	6
Bloomfield	73	79	6
New Britain	53	60	7
South Windsor	91	99	8
Enfield	85	93	8
East Hartford	62	70	8
Wethersfield	88	98	10
Southington	84	94	10
Bristol	74	87	13
Manchester	71	84	13
Windsor	69	84	15
West Hartford	79	98	19

Insufficient data for comparison

Berlin	*	97	n/a
East Granby	*	97	n/a
Avon	*	97	n/a
Burlington	*	100	n/a
Canton	*	100	n/a
Granby	*	100	n/a
Hartland	*	100	n/a
Marlborough	*	100	n/a
Rocky Hill	*	100	n/a
Simsbury	*	100	n/a
Suffield	*	100	n/a

* <40 in selected grades for full year

Economically Disadvantaged-to-All Student Achievement Gaps, by Math CMT 2002 scores (for NCLB), in metropolitan Hartford school districts



Data source: CT Dept of Ed, No Child Left Behind District Reports, 2001-02 (www.csde.state.ct.us/public/der/nclb)

Chart design: Cities, Suburbs, and Schools research project @ Trinity College (www.trincoll.edu/depts/educ/css)

Page 5 - Black White Reading Gap

Percent scoring at or above proficiency on Reading CMT 2002 in NCLB District Adequate Yearly Progress Status

District	Black	White	Gap
Farmington	99	100	1
Newington	89	91	2
South Windsor	93	95	2
East Windsor	82	85	3
Enfield	82	87	5
Glastonbury	86	98	12
Bristol	60	77	17
New Britain	57	74	17
Hartford	53	72	19
Manchester	61	85	24
West Hartford	75	99	24
Windsor	65	90	25
East Hartford	55	81	26

Insufficient data for comparison

Bloomfield	68	*	n/a
Windsor Locks	*	83	n/a
Southington	*	87	n/a
Plainville	*	88	n/a
Wethersfield	*	94	n/a
Berlin	*	95	n/a
Suffield	*	95	n/a
Marlborough	*	96	n/a
Rocky Hill	*	96	n/a
East Granby	*	97	n/a
Granby	*	97	n/a
Burlington	*	98	n/a
Canton	*	98	n/a
Avon	*	100	n/a
Hartland	*	100	n/a
Simsbury	*	100	n/a

* <40 in selected grades for full year

Black-to-White Student Achievement Gaps, by Reading CMT 2002 Scores (for NCLB), in metropolitan Hartford school districts



Data source: CT Dept of Ed, No Child Left Behind District Reports, 2001-02 (www.csde.state.ct.us/public/der/nclb)

Chart design: Cities, Suburbs, and Schools research project @ Trinity College (www.trincoll.edu/depts/educ/css)

Page 6 Hispanic White Reading Gap

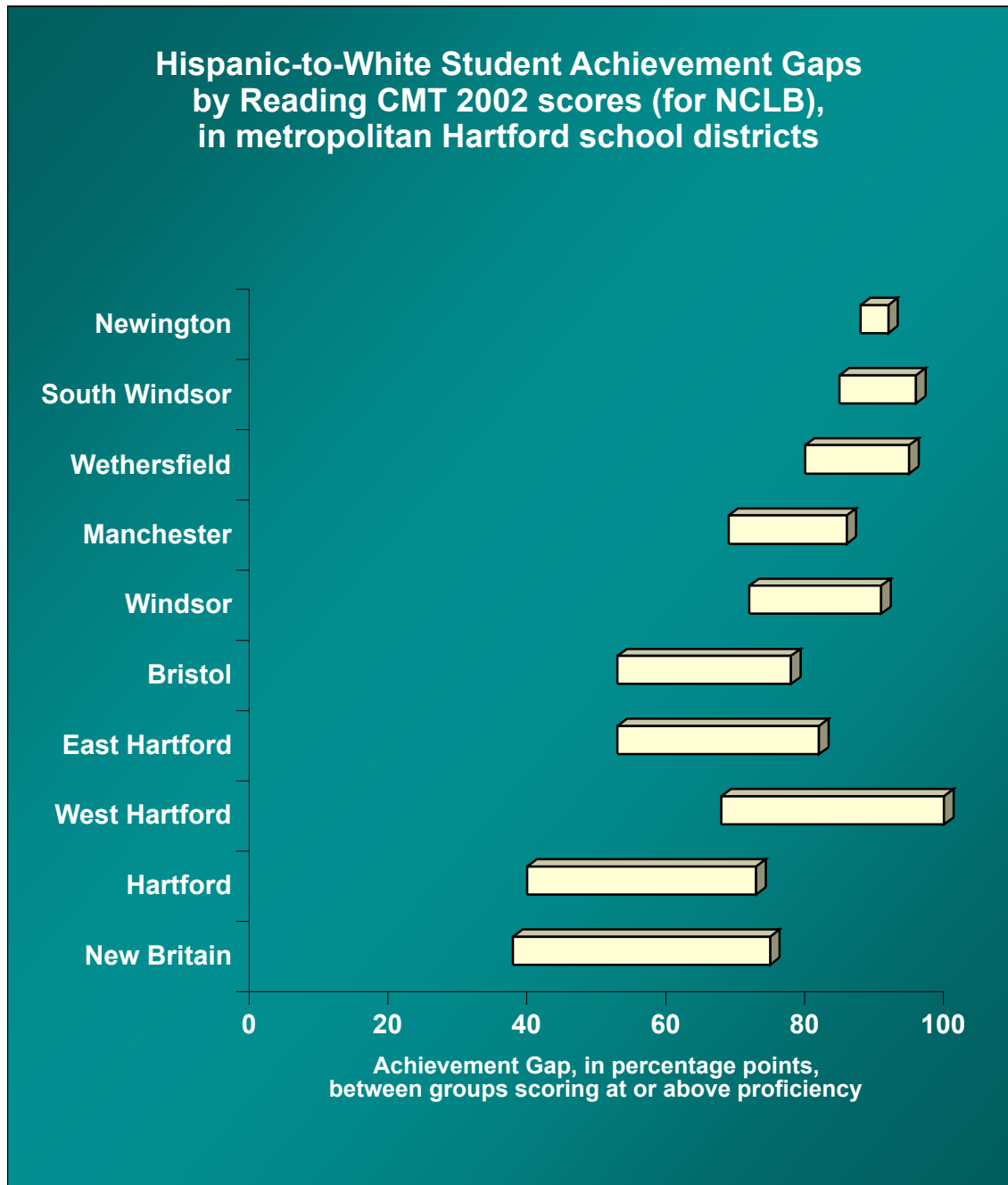
Percent scoring at or above proficient on Reading CMT 2002 in NCLB District Adequate Yearly Progress Status

District	Hispanic	White	Gap
Newington	87	91	4
South Windsor	84	95	11
Wethersfield	79	94	15
Manchester	68	85	17
Windsor	71	90	19
Bristol	52	77	25
East Hartford	52	81	29
West Hartford	67	99	32
Hartford	39	72	33
New Britain	37	74	37

Insufficient data for comparison

Windsor Locks	*	83	n/a
East Windsor	*	85	n/a
Enfield	*	87	n/a
Southington	*	87	n/a
Plainville	*	88	n/a
Berlin	*	95	n/a
Suffield	*	95	n/a
Marlborough	*	96	n/a
Rocky Hill	*	96	n/a
East Granby	*	97	n/a
Granby	*	97	n/a
Burlington	*	98	n/a
Canton	*	98	n/a
Glastonbury	*	98	n/a
Avon	*	100	n/a
Farmington	*	100	n/a
Hartland	*	100	n/a
Simsbury	*	100	n/a
Bloomfield	*	*	n/a

* <40 in selected grades for full year



Data source: CT Dept of Ed, No Child Left Behind District Reports, 2001-02 (www.csde.state.ct.us/public/der/nclb)

Chart design: Cities, Suburbs, and Schools research project @ Trinity College (www.trincoll.edu/depts/educ/css)

Page 7 Social Class Reading Gap

Percent scoring at or above proficient on Reading CMT 2002 in NCLB District Adequate Yearly Progress Status

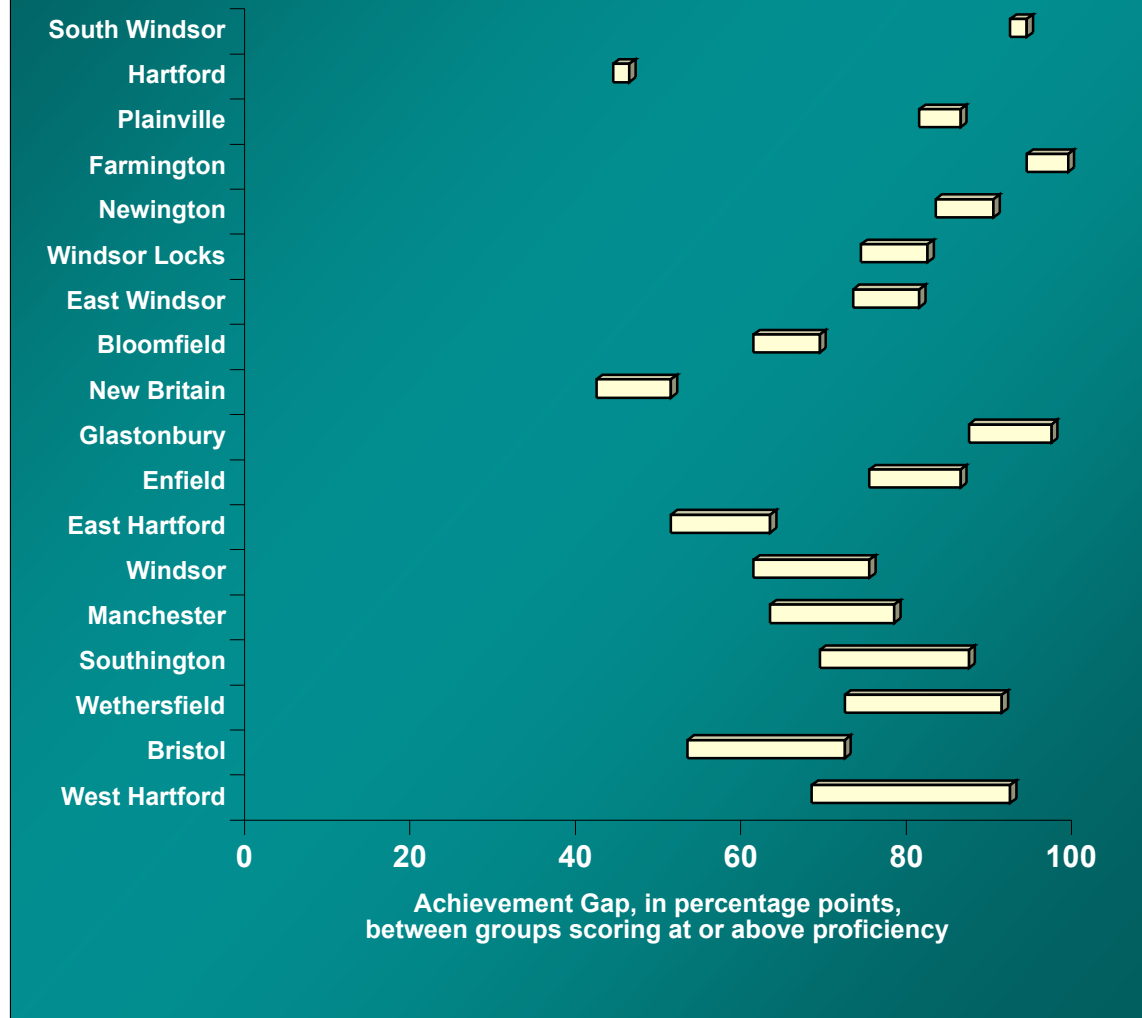
District	EconDis	All	Gap
South Windsor	92	94	2
Hartford	44	46	2
Plainville	81	86	5
Farmington	94	99	5
Newington	83	90	7
Windsor Locks	74	82	8
East Windsor	73	81	8
Bloomfield	61	69	8
New Britain	42	51	9
Glastonbury	87	97	10
Enfield	75	86	11
East Hartford	51	63	12
Windsor	61	75	14
Manchester	63	78	15
Southington	69	87	18
Wethersfield	72	91	19
Bristol	53	72	19
West Hartford	68	92	24

Insufficient data for comparison

Berlin	*	94	n/a
East Granby	*	94	n/a
Rocky Hill	*	95	n/a
Suffield	*	95	n/a
Marlborough	*	96	n/a
Granby	*	97	n/a
Burlington	*	98	n/a
Canton	*	98	n/a
Avon	*	100	n/a
Hartland	*	100	n/a
Simsbury	*	100	n/a

* <40 in selected grades for full year

Economically Disadvantaged-to-All Student Achievement Gaps, by Reading CMT 2002 scores (for NCLB), in metropolitan Hartford school districts

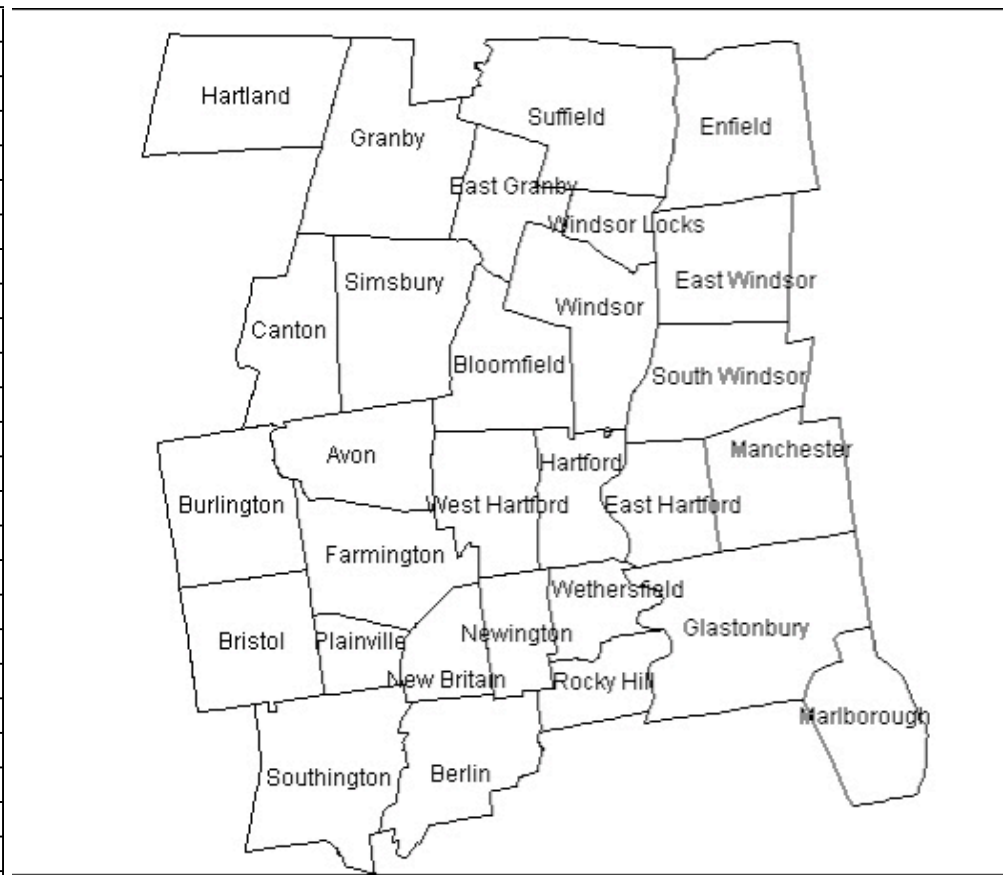


Data source: CT Dept of Ed, No Child Left Behind District Reports, 2001-02 (www.csde.state.ct.us/public/der/nclb)

Chart design: Cities, Suburbs, and Schools research project @ Trinity College (www.trincoll.edu/depts/educ/css)

Page 8 - Minority Students and Teachers in metro Hartford school districts, 2001-02

District	Percent Minority Students 2002	Percent Minority Teachers 2002	Difference between Minority Students & Teachers (in percentage points)
Avon	8	0	8
Berlin	5	1	3
Bloomfield	95	23	71
Bristol	19	4	15
Canton	5	0	5
East Granby	10	2	8
East Hartford	65	6	59
East Windsor	16	1	15
Enfield	10	3	8
Farmington	12	5	7
Glastonbury	11	3	8
Granby	4	1	3
Hartford	94	34	60
Manchester	36	6	31
Marlborough	4	3	0
New Britain	69	15	54
Newington	15	3	12
Plainville	12	1	11
Rocky Hill	12	1	11
Simsbury	7	2	4
South Windsor	13	3	11
Southington	7	1	5
Suffield	4	3	1
West Hartford	29	4	25
Wethersfield	15	5	11
Windsor	55	9	47
Windsor Locks	13	5	8



Data source: CT Dept of Educ Strategic School Profiles 2001-02 (www.csde.state.ct.us/public/der/schools/index.htm)
 Table design: Cities, Suburbs, and Schools research project @ Trinity College (www.trincoll.edu/depts/educ/css)