



OHIO COUNCIL OF TEACHERS OF MATHEMATICS

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2004 STATE TOURNAMENT OF MATHEMATICS

THIS SCORE REPORT:

The 2004 State Tournament of Mathematics was conducted on February 28th at test centers throughout Ohio. There were 125 registered teams with 2667 individual registrants. Only results for the top schools, students, and award winners are published in this report.

NEXT YEAR'S CONTEST:

The 2005 State Tournament of Mathematics will be given at test centers on Saturday, February 26, 2005. Your school's Department of Mathematics will receive an invitation to participate in September.

2004 FIRST PLACE INDIVIDUAL:

Jason Juang , Cincinnati Country Day School
 First Place Cash Prize: \$200.00 each

2004 STATE CHAMPIONSHIP TEAM (regardless of size):

Lakota West High School

EACH OF THE ABOVE WILL ALSO RECEIVE AN AWARD PLAQUE

OHIO'S TOP SCHOOLS (regardless of size):

Rank	School	Score
1	Lakota West High School	121
2	Cincinnati Country Day School	116
2	Sycamore High School	116
4	Shaker Heights High School	113
4	Thomas Worthington High School	113
6	Upper Arlington High School	110
7	St. Xavier High School	109
8	Copley High School	107
9	Walnut Hills High School	100
10	Seven Hills School	99
10	University School	99
10	Hathaway Brown High School	99
13	Central Catholic High School	97
13	Hawken School	97
15	Strongsville High School	96
16	Brecksville-Broadview Heights High School	95
16	Revere High School	95
18	Archbishop Hoban High School	93
18	Perkins High School	93
18	Shawnee High School	93

Contest Committee:

T. Michael Flick, Ph.D.
 Xavier University
 Charlene Kobida
 OCTM

Site Directors:

Daniel Otero, Ph.D.
 Xavier University
 Mary Rhein
 Lakota West HS
 Richard Morris
 Alliance HS
 Bruce Lenz
 Central Catholic HS
 Cathy Stoffer, Ph.D.
 Ashland University
 Anne Newcomb
 Celina Senior HS
 Phil Hubeke, Ph.D.
 Ohio State University
 Susann Mathews, Ph.D.
 Wright State University
 Richard Glove
 Mayfield HS
 Carole Thomas
 Defiance College
 Brian McCombs
 Kent Roosevelt HS
 Tim Norflok, Ph.D.
 University of Akron
 Linda Wohlever
 Hathaway Brown HS
 Margaret Garner
 Zanesville HS
 Harvey Wolff, Ph.D.
 University of Toledo
 Janet Cummings
 Perkins HS
 Beth Osikiewica, Ph.D.
 Kent State University
 John Hoopes
 Canfield HS
 Richard Little, Ph.D.
 Baldwin Wallace College
 John Conklin
 Athens HS
 Rebecca Krakowski, Ph.D.
 University of Dayton
 Lanny Navarro
 Admiral King HS
 Barbara Moses
 Bowling Green State University
 Mary Ann Hovis
 Lima Technical College

HONOR/MERIT ROLL:

Cash prizes are indicated. HONOR ROLL pin recipients indicated by (*).

Participating Teams: 121 / Participating Students: 1935.

Rank	Student	Grade	Score	School	Rank	Student	Grade	Score	School
1	Jason Juang (\$200)	12	38*	Cincinnati Country Day	35	Ermin Wei	12	27	Troy HS
2	Elena Udovina (\$87)	12	37*	Hathaway Brown School	35	Cale Weatherly	11	27	Walnut Hills HS
2	Eric Mecklenburg(\$87)	11	37*	Hawken School	35	Charlie Wang	11	27	Lakota West HS
4	Muzhou Wang (\$50)	11	36*	Lakota West HS	35	Vinny Kumar	11	27	Thomas Worthington HS
4	Yutaro Komuro (\$50)	12	36*	Shaker Hts HS	35	Toni Kraeva	11	27	Granville HS
6	Zeke Tan (\$50)	12	35*	Upper Arlington HS	35	Dan Gilday	10	27	Lakota West HS
7	Steven Hoying (\$25)	12	34*	Russia HS	35	Aaron Bendix-Balgley	11	27	Seven Hills School
7	Nima Ghamsari (\$25)	12	34*	Cincinnati Country Day	42	Chris Thurber	11	26	Thomas Worthington HS
7	Nathan Faber (\$25)	12	34*	Perkins HS	42	Brent Stahlman	12	26	Fairborn HS
10	Adam Margolius (\$25)	11	33*	Shaker Hts HS	42	Nicholas Schott	12	26	Central Catholic HS
11	David Varga	12	31*	Archbishop Hoban HS	42	Ravi Sarawgi	10	26	Lakota West HS
11	Zach Sjostrom	10	31*	Thomas Worthington HS	42	Andrew Meiser	12	26	Walnut Hills HS
11	Aaron Friedman	11	31*	Sycamore	42	Tianlai Lu	12	26	Sycamore
14	Tyler Theofolis	12	30*	Poland HS	42	Kevin Lin	11	26	University School
14	Kevin Peck	12	30*	Copley HS	42	Brian Kutzley	12	26	Thomas Worthington HS
14	Jeffrey Parker	12	30*	Brecksville-Broadview Hts HS	42	Robert Hobohm	12	26	St. Xavier HS
14	Adam Outcalt	12	30*	Oak Hills HS	42	Henry Gun	11	26	Upper Arlington HS
14	Ajay Kumar	12	30*	St. Xavier HS	42	Greg Dikis	12	26	Athens HS
14	Sheng Fu	10	30*	Lakota West HS	42	Danny Conine	12	26	Shawnee HS
14	Joe Fritchman	12	30*	Northmont HS	42	Anuraag Chigurupati	11	26	University School
21	Jon Taylor	12	29	Revere HS	42	Amit Chandra	10	26	Sycamore
21	Shriya Raghavan	11	29	Sycamore	56	Eric Webb	11	25	St. Xavier HS
21	Leah Itagaki	9	29	Thomas Worthington HS	56	David Wang	11	25	Mason HS
21	Jeff Dezso	12	29	Copley HS	56	Fred Thwaites	12	25	Padua Franciscan HS
25	Arthur Wang	11	28	Sycamore	56	Gordy Sjostrom	9	25	Thomas Worthington HS
25	Xiao Wang	11	28	Lakota West HS	56	Julie Rechel	9	25	Thomas Worthington HS
25	Matt Volpenhein	12	28	St. Xavier HS	56	Colin O'Brien	10	25	Thomas Worthington HS
25	Jeff Skinn	12	28	Fairborn HS	56	Danny Mou	12	25	Seven Hills School
25	Michael Skalak	12	28	Central Catholic HS	56	Anthony Lenese	9	25	Shaker Hts HS
25	Ahilan Sivaganesan	11	28	Sycamore	56	Sofia Leibman	11	25	Upper Arlington HS
25	Dennis Jiang	12	28	Sycamore	56	Jonathan Krause	9	25	Strongville HS
25	Zach Goldman	9	28	Sycamore	56	Joe Knadler	12	25	St. Xavier HS
25	Jessica Gayda	12	28	Strongville HS	56	Benjamin Kinstlinger	12	25	Cleveland Heights HS
25	Dan DeBrosse	12	28	Carroll HS	56	Anit Jindal	11	25	Sylvania Northview HS

Rank	Student	Grade	Score	School	Rank	Student	Grade	Score	School
56	Chris Hodapp	11	25	Carroll HS	94	Jon Losh	9	23	Wadsworth HS
56	Dustin Heestand	10	25	Lexington HS	94	Madison HuiHui Li	11	23	Athens HS
56	Patrick Finnigan	12	25	St. Xavier HS	94	Dennis Kim	11	23	Upper Arlington HS
56	Dana Duan	12	25	Beavercreek HS	94	Neal Jean	10	23	Beavercreek HS
56	Debarshi Chaudhuri	10	25	Columbus Alternative HS	94	Phil Hudelson	12	23	St. Charles Prep School
56	Dave Carper	11	25	Lakota West HS	94	Vlad Golgotiu	11	23	Princeton
56	Phil Alverson	12	25	St. Xavier HS	94	Daniel Filardo	10	23	Seven Hills School
76	Chihjiun Yeh	12	24	Cincinnati Country Day	94	Thomas Fai	12	23	Kent Roosevelt
76	Ben Tway	12	24	Fairborn HS	94	Ben Cooper	12	23	Thomas Worthington HS
76	Kyle Skofield	10	24	Seven Hills School	94	William Cole	12	23	Copley HS
76	Anne Rollick	12	24	Archbishop Hoban HS	94	Stephanie Balint	11	23	Hathaway Brown School
76	Scott Neff	12	24	Brecksville-Broadview Hts HS	94	Jeff Andrews	11	23	Sycamore
76	Jenny Myung	11	24	Copley HS	117	Peter Wojda	10	22	Seven Hills School
76	Greg Lim	12	24	St. Xavier HS	117	Courtney Wheeler	12	22	St. Vincent-St. Mary HS
76	Wei Li	11	24	Upper Arlington HS	117	Eric Wei	12	22	Walnut Hills HS
76	Kimberly Johnson	11	24	Sycamore	117	David Thompson	12	22	Shawnee HS
76	Sarai Itagaki	9	24	Thomas Worthington HS	117	Dmitri Svetlov	10	22	Thomas Worthington HS
76	Kevin Huang	11	24	University School	117	Dean Strelau	12	22	Olmsted Falls HS
76	Jennifer Hsu	11	24	St. Ursula Academy	117	Brian Six	9	22	Revere HS
76	Mitch Hendy	12	24	St. Xavier HS	117	Shawn Roggenkamp	12	22	Alliance HS
76	Kate Hattermer	11	24	Walnut Hills HS	117	Jeff Richards	12	22	Revere HS
76	Abbaad Haider	11	24	Copley HS	117	Sana Rehman	11	22	Revere HS
76	Jon Duvall	12	24	United Local	117	David Mou	12	22	Seven Hills School
76	Katie Bender	11	24	Shawnee HS	117	Amit Misra	11	22	Strongville HS
76	Jeremy Aronow	11	24	St. Xavier HS	117	Christopher Mayo	12	22	Perkins HS
94	April Zhang	9	23	Sycamore	117	Jing-Jing Mao	12	22	Lakota West HS
94	David Wagner	11	23	Edison HS	117	Harris Li	9	22	Thomas Worthington HS
94	Catherine Turner	12	23	Lakota West HS	117	John Kang	10	22	Mayfield HS
94	Ron Turba	11	23	Seven Hills School	117	Andrew Janata	12	22	Central Catholic HS
94	Billy Tang	9	23	Sycamore	117	Steven Gubkin	11	22	Cleveland Heights HS
94	Michael Santos	10	23	Sycamore	117	Christopher Gilsdorf	11	22	Whitmer HS
94	Sam Pierce	12	23	University School	117	Matt Evans	11	22	Sycamore
94	Jay Olman	12	23	Walnut Hills HS	117	Chaojie Chen	11	22	Brecksville-Broadview Hts HS
94	Kiet Nhan	12	23	Shelby HS	117	David Carlson	12	22	Cleveland Heights HS
94	Tracy Meng	10	23	Copley HS	117	Brian Bennett	12	22	Canfield
94	Patrick MacKenzie	11	23	St. Xavier HS					

2004 OCTM CONTEST RESULTS

LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5
=83 students per grade level	83<students per grade level =159	159<students per grade level =250	250<students per grade level =400	400<students per grade level
1. 116 Cincinnati Ctry Day 2. 93 Seven Hills -Cincy 3. 98 Hathaway Brown 4. 84 Russia HS 5. 71 Marion Local HS 71 Maumee Valley CD 7. 67 Ayersville HS 8. 61 New Bremen HS 9. 59 Holgate Local Schools 10. 57 Fuchs Bet Sefer Mizrachi 11. 56 Botkins Local Schools 12. 54 Fort Jennings HS 13. 52 Yellow Springs HS 14. 48 Ada HS 15. 47 Calvert HS	1. 99 University School 2. 97 Hawken School 3. 81 Columbus Alternative 4. 70 Edison HS 70 United Local 6. 64 Coldwater HS 7. 61 Liberty-Benton HS 61 Akron St.V.-St.Mary 9. 59 Worthington Christian 10. 58 Benjamin Logan HS 11. 56 Bluffton HS 56 Notre Dame Academy 13. 55 Lehman HS 14. 53 John F. Kennedy 15. 52 Cardinal Mooney	1. 107 Copley-Fairlawn 2. 97 Central Catholic HS 3. 95 Revere HS 4. 93 Archbishop Hoban 93 Perkins HS 93 Shawnee HS 7. 90 Athens HS 8. 80 Lexington HS 80 St. Charles Prep. Sch 10. 77 Poland HS 11. 74 Granville HS 12. 71 Centennial HS 71 Highland HS 14. 69 Memorial HS 15. 67 Elida HS	1. 109 St. Xavier HS 2. 100 Walnut Hills HS 3. 95 Brecksville-Broadview 4. 87 Carroll HS 5. 82 Padua Franciscan 6. 81 Canfield HS 81 Kent Roosevelt HS 81 Sylvania Northview HS 81 Wadsworth HS 10. 80 Olmsted Falls HS 11. 78 Troy HS 12. 76 Mayfield HS 13. 73 Akron Firestone HS 14. 70 Ashland HS 15. 69 Loveland HS	1. 121 Lakota West HS 2. 116 Sycamore HS 3. 113 Shaker Hts HS 113 Thomas Worthington 5. 110 Upper Arlington HS 6. 96 Strongsville HS 7. 91 Fairborn HS 8. 88 Beaver creek HS 88 Cleveland Heights HS 10. 80 Princeton HS 11. 72 Lakota East HS 12. 71 Oak Hills HS 13. 70 Whitmer HS 14. 69 Cuyahoga Falls HS 15. 65 Kettering Fairmont HS
Other Scores: 41,41,40,27,26,26,21,18,10	Other Scores: 51,51,50,49,48,45,45,36,32	Other Scores: 64,64,63,62,60,55,49,42,17	Other Scores: 38,38,37,37,33,33,57,53,32	Other Scores: 64,63,59,57,57,41,39,25,21
Total: 24	Total: 24	Total: 24	Total: 24	Total: 24

Tally Summary:

Score	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
# Students making each score	2	7	13	36	61	93	84	121	135	137	137	146	119	121	114	105	76	80	64	62	44

Score	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
# Students making each score	35	23	23	18	20	14	7	10	4	7	3	0	1	3	1	2	2	1	0	0

Number of Students: 1931 Number of Schools: 120 Mean: 12.3 Median: 11 Mode: 11

2004 OHMIO (Ohio High School Mathematics Invitational Olympiad)

1 Muzhou Wang	11 Lakota West HS	9 Nima Ghamsari	11 Cincinnati Country Day School
2 Eric Mecklenburg	11 Hawken School	10 Yutaro Komuro	12 Shaker Heights HS
3 Jason Juang	12 Cincinnati Country Day School	11 Steven Hoying	12 Russia HS
4 Aaron Friedman	11 Sycamore HS	12 Ermin Wei	12 Troy HS
5 David Varga	12 Archbishop Hoban HS	13 Zach Sjostrom	10 Thomas Worthington HS
6 Zeke Tan	12 Upper Arlington HS	14 Ahilan Sivaganesan	11 Sycamore HS
7 Dan DeBrosse	12 Carroll HS	15 Shriya Raghavan	11 Sycamore HS
8 Nathan Faber	12 Perkins HS		