

**HIGH POVERTY-HIGH PERFORMANCE (HP-HP) SCHOOLS**

ILLINOIS STATE BOARD OF EDUCATION  
Research Division  
Assessment Division

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# HIGH POVERTY-HIGH PERFORMANCE (HP-HP) SCHOOLS

## Introduction

The adverse effects of poverty on student performance are well documented (Guskey, 1997; Sherman, 1997). Schools with high concentrations of low-income students generally have lower achievement scores than schools with low concentrations of low-income students. However, there are a number of Illinois schools that contradict this generalization. These schools have high poverty concentrations but they also have high student performance. The goal of this study is to discover if there are any common characteristics among these high-poverty high-performance (HP-HP) schools. This study sought answers to the following questions:

1. What are HP-HP schools?
2. Where are HP-HP schools located?
3. Which HP-HP schools are anomalous (e.g., magnet or gifted schools)?
4. What factors do HP-HP schools have in common?
5. What factors are associated with the low performance of LP-LP (low-poverty low-performance) schools?

## School Groups

HP-HP = High-Poverty High Performance

HP-LP = High-Poverty Low Performance

LP-LP = Low-Poverty Low-Performance

LP-HP = Low-Poverty High-Performance

### 1. What are HP-HP schools?

#### (a) Definition of HP-HP Schools:

HP-HP schools are schools for which all of the following variables exceed 50%:

1. Low-income percent
2. ISAT reading - percent meeting and exceeding standards for all grades tested (3, 5 and 8)
3. ISAT mathematics - percent meeting and exceeding standards for all grades tested (3, 5 and 8)

#### (b) Listing of HP-HP Schools:

Based on the above definition, 96 schools were identified as HP-HP schools. A list of these schools is provided in Appendix A.

### **(c) Description of the HP-HP Schools**

**School Size (Student Enrollment):** Student enrollment ranged from 44 to 1,262. The average enrollment was 359, considerably lower than the state average of about 500 students.

**Attendance Rate:** HP-HP schools had relatively high attendance rates; the average was 94.8%, compared to the statewide average of 93.9%.

**Mobility Rate:** Surprisingly, the HP-HP schools had a relatively high mobility rate of 25.8%, compared to the statewide average mobility rate of 17.5%. Mobility rates generally have adverse effects on student performance.

**Ratio of Instructional Expenditure Per Pupil (IEPP) to Operating Expenditure Per Pupil (OEPP):** A district's IEPP, a measure of the amount spent on instruction, is a component of its OEPP. The IEPP/OEPP ratio was computed for the districts to which these HP-HP schools belonged. The IEPP/OEPP ratio for the HP-HP schools was 60.1% compared to the statewide IEPP/OEPP ratio of 60.0%. Apparently, this ratio was not a factor in performance.

**Note on variables not examined:**

**Reading Grants** – Illinois has more than one reading program, but data are collected only at the district level for these programs. Therefore, it is not possible to identify which schools benefit directly from the reading programs.

**Class size** – ISAT was administered to grade 5 students but class size data were not available for grade 5, only grade 6.

## 2. Where are HP-HP schools located?



### **Location and Community Type**

As shown in the map, HP-HP schools were dispersed rather evenly across the state. Among the HP-HP schools in the larger districts, 14 such schools were in Chicago, seven were in Springfield, and three were in Peoria. Cook and the collar counties had 20 of the HP-HP schools; the rest of Illinois had the remaining 76 schools. Of the 96 schools listed, 51 were in city districts and 45 were in rural districts.

### **3. Which HP-HP schools are anomalous (e.g., magnet or gifted schools)?**

Among the 96 HP-HP schools, seven were magnet schools, five of which were in Chicago, one in Champaign, and one in Waukegan. No information was available to identify gifted schools or schools with gifted programs. Also, no information was available to examine the effects of prekindergarten at-risk programs. In many districts, all prekindergarten students were housed in one school and these students later attended various other elementary schools.

### **4. What factors do HP-HP schools have in common?**

Two separate statistical analyses were conducted: (a) Selected school variables and performance; and (b) Predicting School Improvement (School Performance and Selected Variables based on Changes between 1999 and 2000.)

#### **4a. Selected School Variables and Performance**

##### **Methodology**

All of the statistical analyses of high poverty and high performance schools were separated into reading and mathematics because different subjects have different dimensionalities.

Since different subjects and different grade levels have different distributions, six regression models were generated: the dependent variable was performance, measured by the percent meeting and exceeding standards for each subject and grade level; the independent variable was percent of low income students. The results showed that the performance in mathematics at the eighth grade level was much lower than at other grade levels.

In order to detect the inter-correlation between low-income rate and related fields including minority rate, mobility rate, chronic truants rate and school enrollment, factor analysis was used. Except for school size, the results showed that these variables were highly correlated to low-income rate. Hence, most HP-HP schools (with high low-income rate) had high mobility rate, high chronic truant rate, high minority rate and low attendance rate.

In order to classify HP-HP, HP-LP, and LP-HP schools, canonical discrimination analysis was utilized to detect major impact and the discrimination between those groups. The analysis showed that HP-LP and LP-HP schools were different based on the low-income rate. However, HP-HP schools were unique and associated with other effects.

In order to detect the common factors for HP-HP schools, analysis of variance was used.

## **Findings**

The relationships between performance and selected variables (district community type, school size, and attendance rate) are illustrated in the following charts. In both reading and also mathematics, HP-LP (high-poverty low-performance) schools did considerably worse than LP-HP (low-poverty high-performance) and HP-HP (high poverty high-performance) schools. LP-LP (low-poverty low-performance) schools were not included in this part of the analysis because there were only 18 such schools, too few for the statistical procedure used.

Table 1 Frequency Distribution for District Community Type

Group	Chicago	City	Rural	Total
High poverty/high performing	14	37	45	96
High poverty/low performing	214	122	9	345
Low poverty/high performing	28	1116	506	1650

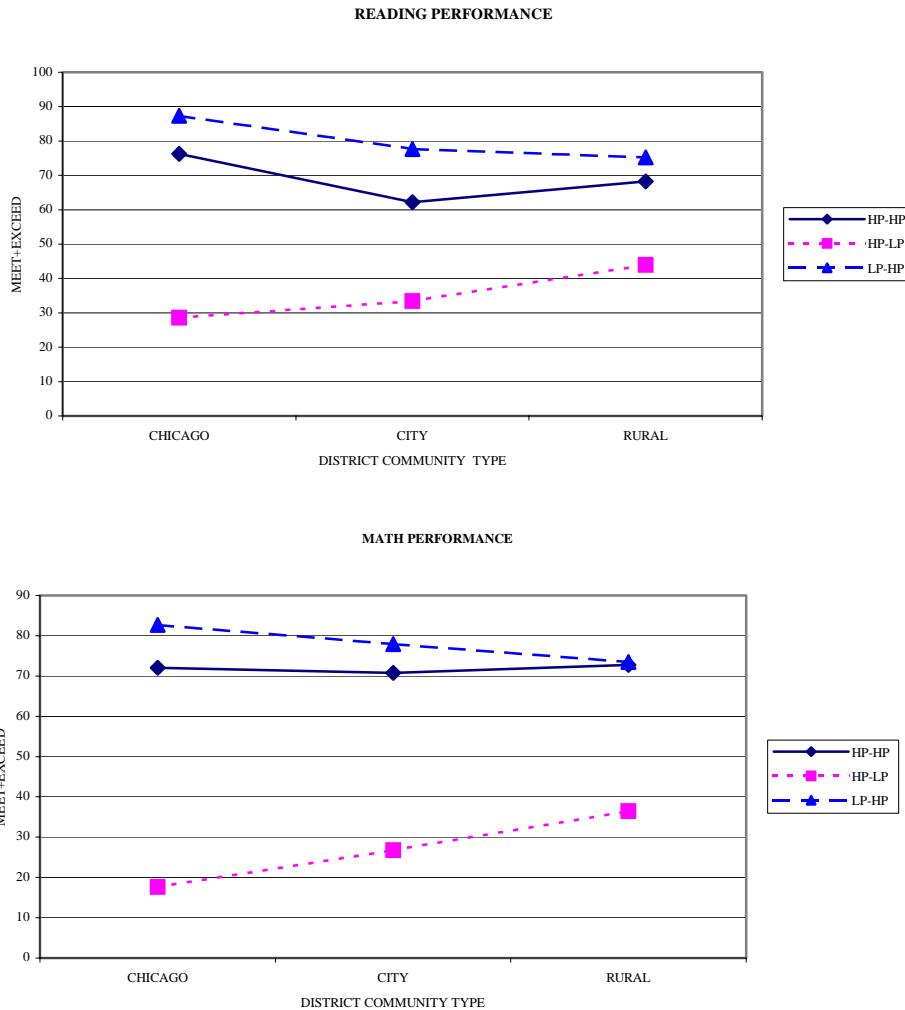


Figure 1. 2000 ISAT Performance by District Community Type

**District Community Type and Performance:**

Schools in rural districts accounted for 47% of HP-HP schools but only 3% of HP-LP schools. Among schools in rural districts, the performance gap between HP-HP and HP-LP schools was narrower than for similar school groups in Chicago or other cities.

Among the three community types, Chicago schools had the widest performance gap. Also, Chicago accounted for about 62% of the HP-LP schools.

Table 2 Frequency Distribution for School Size

Group	Enr<=309	309<Enr<=501	Enr>501
High poverty/high performing	43	36	17
High poverty/low performing	53	108	184
Low poverty/high performing	571	567	512

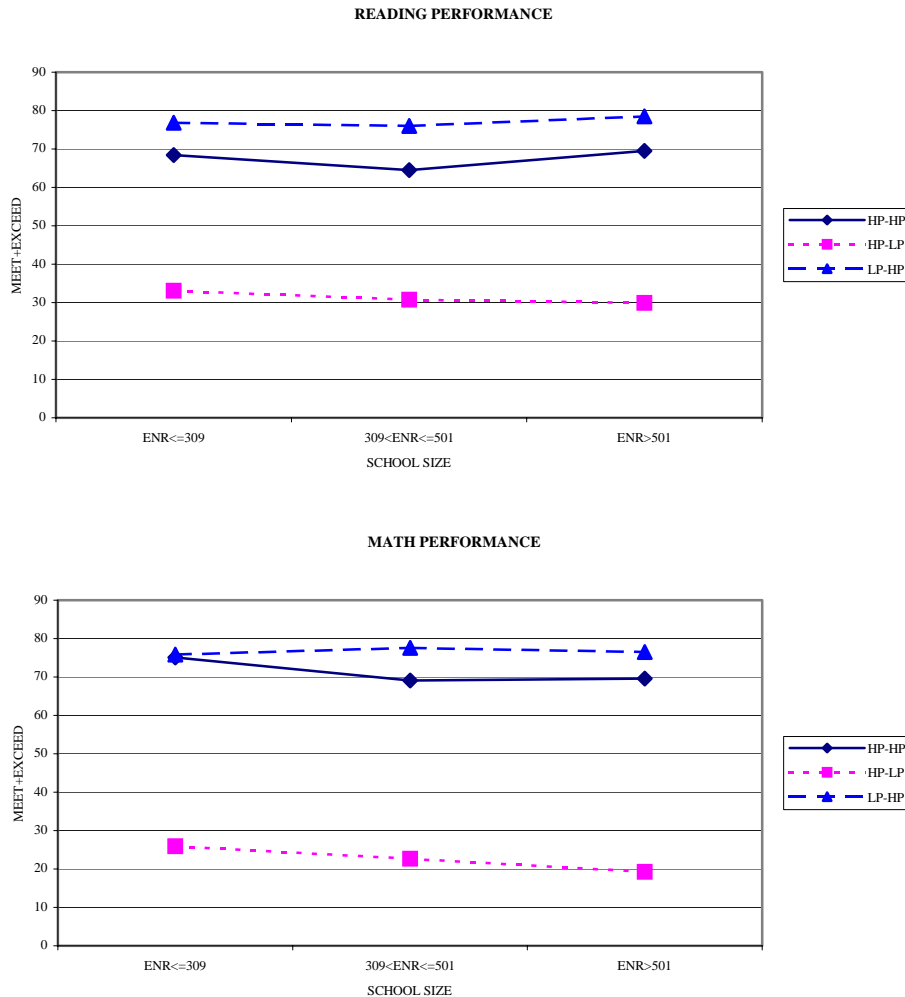


Figure 2. 2000 ISAT Performance by School Size.

**School Size (Enrollment) and Performance:**

Small schools accounted for 45% of HP-HP schools but only 15% of the HP-LP schools, i.e., HP-HP schools tend to be smaller, while HP-LP schools tend to be larger.

Among LP-HP schools, school size did not appear to be a factor in performance; the number of LP-HP schools were evenly distributed among the school size categories.



Table 3 Frequency Distribution for Attendance Rate

Group	Att<=94.7	94.7<Att<=95.7	Att>95.7
High poverty/high performing	45	30	21
High poverty/low performing	295	38	12
Low poverty/high performing	157	564	929

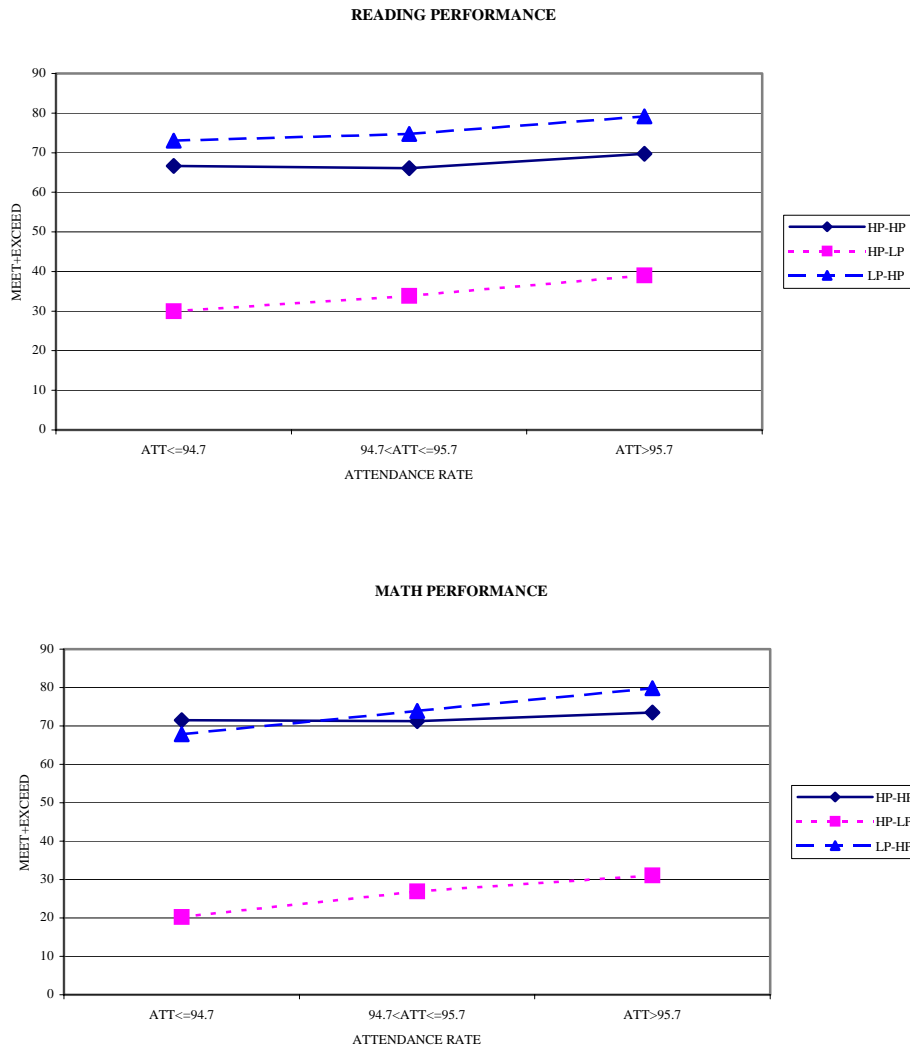


Figure 3. 2000 ISAT Performance by Attendance Rate.

**Attendance Rate and Performance:**

High performance schools had higher attendance rates. Twenty-two percent of HP-HP (high-poverty high-performance) schools and 56% of LP-HP (low-poverty high-performance) schools had attendance rates exceeding 95.7%. By contrast, only 3% of HP-LP schools had attendance rates exceeding 95.7%.

#### 4b. Predicting School Improvement (School Performance and Selected Variables based on Changes between 1999 and 2000)

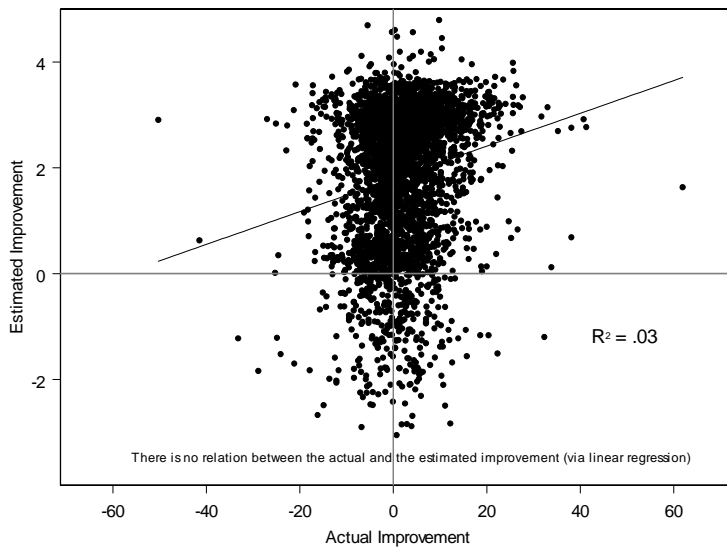
It has consistently been found that the percentage of poverty students per school is a reliable predictor of schools' performance and that other variables play rather small roles in this context. However, this picture is static as it takes into account the conditions that prevail within a particular year while ignoring the dynamics of change over time. For this reason, this investigation focused on the possibility of predicting the change in schools' performance from year to year based on available report card variables.

#### Linear Regression

To obtain a baseline of prediction, the change in performance was predicted from the following 1999 variables

- Dropout rate
- Teacher salary
- Parental involvement
- % of white teachers
- student mobility rate
- % low income students
- % teachers with MA degree
- % of white students (the converse is the % minority students)

The results are very poor as only 3% of the variance can be explained. Accordingly, it must be concluded that linear regression is a poor method for predicting the yearly fluctuations in schools' performance.



## Nonlinear Approach

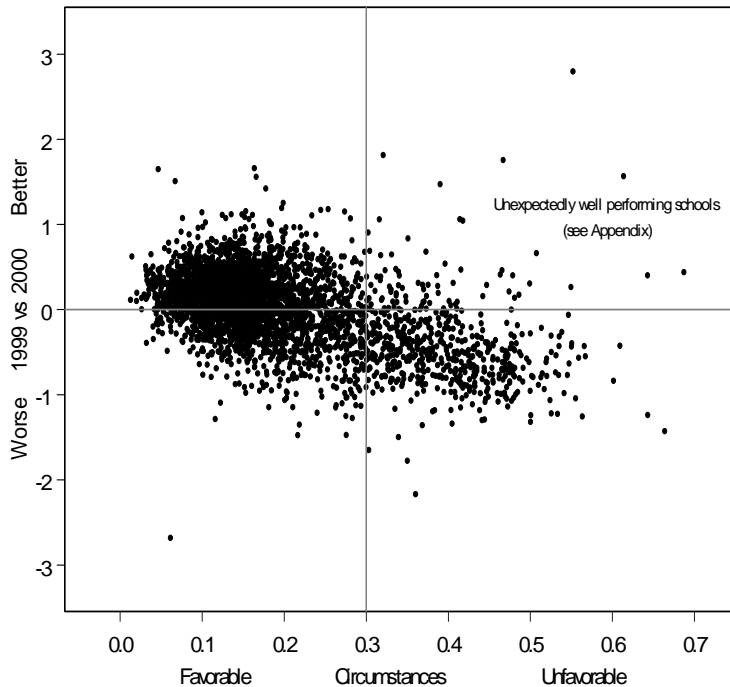
Research in economics increasingly indicates that the dynamics of social institutions and behaviors are often nonlinear since social behavior is characterized by resistance to change due to established practices and prevailing conditions (Lange, McDade, and Oliva, 2001). *Accordingly, two systems can function quite differently under what appear to be the same conditions.*

There are ways to capture this “institutional memory,” but this cannot be achieved by standard linear modeling as presented in the preceding section. Instead, an approach is needed that allows for different states given the same external conditions (Lange, Oliva, and McDade, 2000).

The following is based on a “fold” catastrophe model that tries to identify variables under which seemingly identical schools show wide differences in performance. Naturally it was found that low income and student mobility was associated with a lower increase in performance. But, variables like:

- % of white teachers
- teacher education
- student attendance

counteracted these effects. As is shown below, a number of schools can be identified that increased their performance extraordinarily given their circumstances (in fact, some performed better than those in better circumstances).



The schools in the top right-hand corner of the graph are those that somehow “soared” despite adversity. Since they do not differ materially in terms of external circumstances from those that “buckled” under their local circumstances (bottom right corner), it would seem worthwhile to determine the soaring schools’ recipe for success. The report card data do not provide any further information on this phenomenon. Therefore, it is recommended that the high performing schools identified here be studied in greater detail. For instance, ISBE might visit those schools or ask the schools to which they attribute their success.

A complete list of the “Surprisingly Good” schools is attached (Appendix B). Schools with the highest improvement indices would be prime candidates for follow-up.

## **5. What factors are associated with the low performance of LP-LP (low-poverty low-performance) schools?**

### **(a) Definition of LP-LP Schools:**

LP-LP schools are schools for which all of the following variables are equal to or are below 50%:

1. Low-income percent
2. ISAT reading - percent meeting and exceeding standards for all grades tested (3, 5 and 8)
3. ISAT mathematics - percent meeting and exceeding standards for all grades tested (3, 5 and 8)

### **(b) Listing of LP-LP Schools:**

Based on the above definition, 18 schools were identified as LP-LP schools. A list of these schools is provided in Appendix C. The location of these schools is shown in the map that follows.

Illinois State Board of Education  
LP-LP SCHOOLS WITH 50/50 CRITERIA

May 31, 2001



**(c) Identification of common factors**

Since there were only 18 LP-LP schools, these schools were not included in the statistical analyses conducted in Section 4a. However, these schools will make good subjects for future/follow-up in-depth studies. It is worth noting that all the 18 schools were located in city/urban districts, but none were in Chicago.

**Conclusion/Discussion**

Schools with high poverty concentrations can perform well, reinforcing the view that indeed all students can learn and also do well. Analyses of the school report card data show that certain school variables such as district community type, school size, and attendance rate are related to performance. However, these findings should be supplemented. Data on variables not currently available from the school report card file

should be examined. In 1999, the Charles A. Dana Center conducted a study of nine HP-HP schools. Teams of researchers conducted two-day visits to all nine schools. Important similarities in the strategies used to improve academic achievement in these nine schools included the following:

1. School leaders identified and pursued an important, visible, yet attainable first goal.
2. School leaders redirected time and energy that was being spent on conflicts between adults in the school toward service to children.
3. Educators fostered in students a sense of responsibility.
4. School leaders created a collective sense of responsibility for school improvement.
5. The quantity and quality of time spent on instructional leadership activities increased. . . . They used data to identify, acknowledge, and celebrate strengths and to focus attention and resources on areas of need.
6. Educators aligned instruction to the standards and assessments required by the state or the school district.
7. School leaders got the resources and training that teachers perceived they needed.
8. School leaders created opportunities for teachers to work, plan and learn together around instructional issues.
9. Educators made efforts to win the confidence and respect of parents.
10. School leaders created additional time for instruction.
11. Educators persisted through difficulties, setbacks, and failures.

### **Recommendation**

It is recommended that further investigations be conducted, involving in-depth studies of the HP-HP schools. Exploiting the findings of this study requires that data on variables not currently available from the school report card file should be examined as well. It is noteworthy that the 11 strategies listed by the Chester A. Dana Center study appear to reflect many Continuous Improvement (Baldrige) principles. A further study of the Illinois HP-HP schools could be based on surveys or other methods to collect additional information from these schools.

## References

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## Appendices



## Appendix A: HP-HP Schools List

	RCDS CODE	DISTRICT NAME	SCHOOL NAME	READING	MATH	ENROLLMENT
1	0100117202006	QUINCY SCHOOL DISTRICT 172	DEWEY ELEMENTARY SCHOOL	52	57	205
2	0100117202008	QUINCY SCHOOL DISTRICT 172	BERRIAN SCHOOL	66	78	175
3	0107500402001	GRIGGSVILLE-PERRY C U SCH DIST 4	GRIGGSVILLE-PERRY PRIMARY SCHOOL	82	80	141
4	0206103802001	JOPPA-MAPLE GROVE UNIT DIST 38	MAPLE GROVE ELEM SCHOOL	76	83	207
5	0410120502062	ROCKFORD SCHOOL DIST 205	WALKER ELEM SCHOOL	59	63	400
6	0800830002001	SAVANNA COMMUNITY UNIT DIST 300	LINCOLN ELEMENTARY SCHOOL	73	75	355
7	0808914502003	FREEMPORT SCHOOL DIST 145	BLACKHAWK ELEM SCHOOL	66	68	294
8	0808914502004	FREEMPORT SCHOOL DIST 145	CENTER ELEM SCHOOL	65	64	323
9	0808914502012	FREEMPORT SCHOOL DIST 145	TAYLOR PARK ELEM SCHOOL	65	63	209
10	0901000402010	CHAMPAIGN COMM UNIT SCH DIST 4	DR HOWARD ELEM SCHOOL	59	61	468
11	0901011602004	URBANA SCHOOL DIST 116	M L KING JR ELEM SCHOOL	59	56	396
12	1001100302001	TAYLORVILLE C U SCH DIST 3	MEMORIAL ELEM SCHOOL	73	79	371
13	1101500202011	MATTOON C U SCHOOL DIST 2	HUMBOLDT ELEM SCHOOL	94	97	238
14	1101500202014	MATTOON C U SCHOOL DIST 2	WASHINGTON ELEM SCHOOL	77	82	216
15	1102309502004	PARIS-UNION SCHOOL DIST 95	REDMON ELEM SCHOOL	68	68	141
16	1204000102008	JASPER COUNTY COMM UNIT DIST 1	YALE ELEM SCHOOL	66	69	71
17	1204000102011	JASPER COUNTY COMM UNIT DIST 1	STE MARIE ELEM SCHOOL	75	100	78
18	1205101002001	RED HILL C U SCHOOL DIST 10	PETTY ELEMENTARY SCHOOL	77	87	95
19	1305813502006	CENTRALIA SCHOOL DIST 135	JORDAN ELEM SCHOOL	54	82	301
20	1305813502007	CENTRALIA SCHOOL DIST 135	LINCOLN ELEM SCHOOL	61	55	143
21	1305813502008	CENTRALIA SCHOOL DIST 135	SCHILLER ELEM SCHOOL	65	71	234
22	1305840102002	SOUTH CENTRAL COMM UNIT DIST 401	SOUTH CENTRAL ELEMENTARY-KINMUNDY	52	51	278
23	1305850102002	SANDOVAL C U SCHOOL DIST 501	SANDOVAL ELEM SCHOOL	61	68	335
24	1401605902014	COMM CONS SCH DIST 59	JOHN JAY ELEM SCHOOL	58	78	365
25	1401608102001	SCHILLER PARK SCHOOL DIST 81	JOHN F KENNEDY ELEM SCHOOL	61	65	407
26	1401608702007	BERKELEY SCHOOL DIST 87	J W RILEY ELEM SCHOOL	56	52	429
27	1401610402005	SUMMIT SCHOOL DIST 104	WALSH ELEM SCHOOL	59	60	375
28	1401614352008	POSEN-ROBBINS EL SCH DIST 143-5	ZIEBELL ELEM SCHOOL	60	71	177
29	1401615102002	SOUTH HOLLAND SCHOOL DIST 151	EISENHOWER ELEM SCHOOL	65	69	263
30	1501629900042	CITY OF CHICAGO SCHOOL DIST 299	SULLIVAN HIGH SCHOOL	100	57	1,204
31	1501629902167	CITY OF CHICAGO SCHOOL DIST 299	DORE ELEM SCHOOL	75	69	421
32	1501629902265	CITY OF CHICAGO SCHOOL DIST 299	HIBBARD ELEM SCHOOL	55	67	1,262
33	1501629902358	CITY OF CHICAGO SCHOOL DIST 299	INTER-AMERICAN ELEM MAGNET SCHOOL	73	69	651
34	1501629902391	CITY OF CHICAGO SCHOOL DIST 299	PALMER ELEM SCHOOL	71	65	815
35	1501629902403	CITY OF CHICAGO SCHOOL DIST 299	PETERSON ELEM SCHOOL	69	64	829
36	1501629902459	CITY OF CHICAGO SCHOOL DIST 299	SMYSER ELEM SCHOOL	67	64	838
37	1501629902461	CITY OF CHICAGO SCHOOL DIST 299	SOLOMON ELEM SCHOOL	81	74	458
38	1501629902503	CITY OF CHICAGO SCHOOL DIST 299	GEORGE WASHINGTON ELEM SCHOOL	81	78	665
39	1501629902510	CITY OF CHICAGO SCHOOL DIST 299	PRITZKER ELEM SCHOOL	71	67	710
40	1501629902516	CITY OF CHICAGO SCHOOL DIST 299	WILDWOOD ELEM SCHOOL	74	84	286
41	1501629902714	CITY OF CHICAGO SCHOOL DIST 299	GEORGE LELAND ELEM SCHOOL	78	93	256
42	1501629902743	CITY OF CHICAGO SCHOOL DIST 299	EARHART ELEM OPT FOR KNOWL SCHOOL	78	78	219
43	1501629902899	CITY OF CHICAGO SCHOOL DIST 299	RECOVERING THE GIFTED CHILD ELEM	95	80	44
44	1705342902002	PONTIAC C C SCHOOL DIST 429	CENTRAL ELEM SCHOOL	59	55	333
45	1706408702011	BLOOMINGTON SCH DIST 87	SHERIDAN ELEM SCHOOL	60	73	561
46	2003000702001	GALLATIN C U SCHOOL DISTRICT 7	GALLATIN ELEMENTARY SCHOOL	72	75	556
47	2009620002002	NORTH WAYNE C U SCHOOL DIST 200	MOUNT ERIE ELEM SCHOOL	84	85	83
48	2102804702006	BENTON COMM CONS SCH DIST 47	GRANT ELEMENTARY SCHOOL	72	83	256

49	2102809902001	CHRISTOPHER UNIT 99	CHRISTOPHER ELEM SCHOOL	84	72	527
50	2102816802004	FRANKFORT COMM UNIT SCH DIST 168	FRANKFORT ELEMENTARY SCHOOL	75	69	490
51	2102818802003	ZEIGLER-ROYALTON C U S DIST 188	ZEIGLER-ROYALTON ELEM SCHOOL	83	63	391
52	2110000102003	JOHNSTON CITY C U SCH DIST 1	JEFFERSON ELEM SCHOOL	73	69	271
53	2110000402010	HERRIN C U SCH DIST 4	HERRIN C U S D 4 ELEM SCHOOL	62	72	651
54	2202906602009	CANTON UNION SCHOOL DIST 66	EASTVIEW ELEMENTARY SCHOOL	60	73	456
55	2504108002006	MOUNT VERNON SCHOOL DIST 80	LINCOLN ELEM SCHOOL	69	83	248
56	2603433702006	SOUTHEASTERN C U SCH DIST 337	SOUTHEASTERN ELEMENTARY SCHOOL	72	81	205
57	2800630702001	NEPONSET COM CONS DIST 307	NEPONSET ELEM SCHOOL	85	88	110
58	3003909502003	CARBONDALE ELEM SCH DIST 95	LEWIS ELEMENTARY SCHOOL	56	69	306
59	3003909502005	CARBONDALE ELEM SCH DIST 95	PARRISH ELEM SCHOOL	67	69	191
60	3003918602003	MURPHYSBORO C U SCH DIST 186	LINCOLN ELEMENTARY SCHOOL	60	67	228
61	3003918602004	MURPHYSBORO C U SCH DIST 186	LOGAN ELEM SCHOOL	85	83	141
62	3104504602028	SCHOOL DISTRICT 46	ONTARIOVILLE ELEM SCHOOL	53	65	436
63	3104513102015	AURORA EAST UNIT SCHOOL DIST 131	EDNA ROLLINS ELEM SCHOOL	71	73	364
64	3204600102004	MOMENCE COMM UNIT SCH DIST 1	JE-NEIR ELEM SCHOOL	79	97	354
65	3304820502020	GALESBURG C U SCHOOL DIST 205	NIELSON SCHOOL	59	71	327
66	3404906002014	WAUKEGAN C U SCHOOL DIST 60	LYON MAGNET ELEMENTARY SCHOOL	61	70	507
67	3404918702003	NORTH CHICAGO SCHOOL DIST 187	GREEN BAY ELEM SCHOOL	70	77	407
68	3505012202005	LASALLE ELEM SCHOOL DIST 122	NORTHWEST ELEM SCHOOL	59	67	648
69	3805402702005	LINCOLN ELEM SCHOOL DIST 27	JEFFERSON ELEM SCHOOL	53	60	95
70	4105701002010	COLLINSVILLE C U SCH DIST 10	HOLLYWOOD HEIGHTS ELEM SCHOOL	58	66	152
71	4105701002011	COLLINSVILLE C U SCH DIST 10	KREITNER ELEM SCHOOL	59	63	433
72	4105701302002	EAST ALTON SCHOOL DISTRICT 13	EASTWOOD ELEM SCHOOL	60	62	556
73	4606911702004	JACKSONVILLE SCHOOL DIST 117	FRANKLIN ELEM SCHOOL	68	66	286
74	4807215002010	PEORIA SCHOOL DISTRICT 150	WHITTIER PRIMARY SCHOOL	64	83	324
75	4807215002036	PEORIA SCHOOL DISTRICT 150	HARRISON PRIMARY SCHOOL	54	66	422
76	4807215002039	PEORIA SCHOOL DISTRICT 150	THOMAS JEFFERSON PRIMARY SCHOOL	69	73	419
77	4908103602001	CARBON CLIFF-BARSTOW SCH DIST 36	APOLLO ELEM SCHOOL	67	64	173
78	4908103702009	EAST MOLINE SCHOOL DISTRICT 37	WELLS ELEM SCHOOL	51	67	345
79	4908104002016	MOLINE UNIT SCHOOL DISTRICT 40	LINCOLN-IRVING ELEM SCHOOL	67	80	525
80	4908104102008	ROCK ISLAND SCHOOL DISTRICT 41	EARL H HANSON ELEM SCHOOL	62	66	436
81	5008211802005	BELLEVILLE SCHOOL DIST 118	FRANKLIN ELEM SCHOOL	79	93	155
82	5008211802013	BELLEVILLE SCHOOL DIST 118	WESTHAVEN ELEMENTARY	73	91	513
83	5008218902019	EAST ST LOUIS SCHOOL DIST 189	JACKSON ELEM SCHOOL	88	78	370
84	5008219602004	DUPO COMM UNIT SCH DISTRICT 196	EAST CARONDELET ELEM SCHOOL	64	82	125
85	5108418602010	SPRINGFIELD SCHOOL DISTRICT 186	JANE ADDAMS ELEM SCHOOL	63	76	319
86	5108418602013	SPRINGFIELD SCHOOL DISTRICT 186	BLACK HAWK ELEM SCHOOL	59	65	196
87	5108418602015	SPRINGFIELD SCHOOL DISTRICT 186	DUBOIS ELEM SCHOOL	58	63	539
88	5108418602019	SPRINGFIELD SCHOOL DISTRICT 186	HAY-EDWARDS ELEM SCHOOL	52	56	331
89	5108418602022	SPRINGFIELD SCHOOL DISTRICT 186	LAKETOWN ELEM SCHOOL	59	67	159
90	5108418602028	SPRINGFIELD SCHOOL DISTRICT 186	MCCLERNAND ELEM SCHOOL	54	81	286
91	5108418602031	SPRINGFIELD SCHOOL DISTRICT 186	PLEASANT HILL ELEM SCHOOL	56	70	240
92	5309010802012	PEKIN PUBLIC SCHOOL DIST 108	WILLOW ELEM SCHOOL	62	82	327
93	5409200202001	WESTVILLE C U SCHOOL DIST 2	JUDITH GIACOMA ELEM SCHOOL	63	63	489
94	5409200402003	GEORGETOWN-RIDGE FARM C U D 4	RIDGE FARM ELEMENTARY SCHOOL	58	77	219
95	5409211802019	DANVILLE C C SCHOOL DIST 118	MEADE PARK ELEM SCHOOL	73	72	330
96	5509801302001	ROCK FALLS ELEMENTARY SCH DIST 13	DILLON ELEMENTARY SCHOOL	59	70	325

Appendix B: List of Improvement Schools (See Section 4b of this study)

CDS	School Name	District	Improvement
			Index
1 704202001	BRUSSELS GRADE SCHOOL	BRUSSELS COMM UNIT SCHOOL DIST 42	0.0
2 1608801007	ROOSEVELT JR HIGH SCHOOL	BELLWOOD SCHOOL DIST 88	0.2
3 1613202002	CALUMET ELEM SCHOOL	CALUMET PUBLIC SCHOOLS DIST 132	0.0
4 1614352008	ZIEBELL ELEM SCHOOL	POSEN-ROBBINS EL SCH DIST 143-5	0.8
5 1614801002	ROOSEVELT JUNIOR HIGH SCHOOL	DOLTON SCHOOL DISTRICT 148	0.0
6 1615202001	BRYANT ELEM SCHOOL	HARVEY SCHOOL DISTRICT 152	0.5
7 1615202005	LOWELL-LONGFELLOW ELEM SCHOOL	HARVEY SCHOOL DISTRICT 152	0.3
8 1615251002	ROBERT FROST MIDDLE SCHOOL	HAZEL CREST SCHOOL DIST 152-5	0.2
9 1616902003	TIDYE A PHILLIPS ELEM SCHOOL	FORD HEIGHTS SCHOOL DISTRICT 169	0.3
10 1617002006	DR CHARLES E GAVIN ELEM SCHOOL	CHICAGO HEIGHTS SCHOOL DIST 170	0.4
11 1617002013	LINCOLN ELEM SCHOOL	CHICAGO HEIGHTS SCHOOL DIST 170	0.4
12 1620100001	J STERLING MORTON EAST HIGH SCH	J S MORTON H S DISTRICT 201	0.2
13 1620900001	PROVISO EAST HIGH SCHOOL	PROVISO TWP H S DIST 209	0.2
14 1629900008	CRANE TECHNICAL PREP COMMON HS	CITY OF CHICAGO SCHOOL DIST 299	0.4
15 1629900025	KENWOOD ACADEMY HIGH SCHOOL	CITY OF CHICAGO SCHOOL DIST 299	1.8
16 1629900028	LINDBLOM TECHNICAL HIGH SCHOOL	CITY OF CHICAGO SCHOOL DIST 299	0.1
17 1629900031	MORGAN PARK HIGH SCHOOL	CITY OF CHICAGO SCHOOL DIST 299	1.5
18 1629900042	SULLIVAN HIGH SCHOOL	CITY OF CHICAGO SCHOOL DIST 299	1.6
19 1629900043	TAFT HIGH SCHOOL	CITY OF CHICAGO SCHOOL DIST 299	2.8
20 1629902081	BELDING ELEM SCHOOL	CITY OF CHICAGO SCHOOL DIST 299	0.5
21 1629902087	BLAINE ELEM SCHOOL	CITY OF CHICAGO SCHOOL DIST 299	0.3
22 1629902094	BRENTANO ELEM MATH & SCIENCE ACAD	CITY OF CHICAGO SCHOOL DIST 299	0.2
23 1629902101	BUDLONG ELEM SCHOOL	CITY OF CHICAGO SCHOOL DIST 299	0.0
24 1629902107	BURNSIDE ELEM SCHOLASTIC ACADEMY	CITY OF CHICAGO SCHOOL DIST 299	0.0
25 1629902109	BURROUGHS ELEM SCHOOL	CITY OF CHICAGO SCHOOL DIST 299	0.3
26 1629902134	CLINTON ELEM SCHOOL	CITY OF CHICAGO SCHOOL DIST 299	0.3
27 1629902138	COLUMBUS ELEM SCHOOL	CITY OF CHICAGO SCHOOL DIST 299	0.0
28 1629902141	COONLEY ELEM SCHOOL	CITY OF CHICAGO SCHOOL DIST 299	0.0
29 1629902223	GOUDY ELEM SCHOOL	CITY OF CHICAGO SCHOOL DIST 299	0.1
30 1629902227	GREELEY ELEM SCHOOL	CITY OF CHICAGO SCHOOL DIST 299	0.1
31 1629902268	HITCH ELEM SCHOOL	CITY OF CHICAGO SCHOOL DIST 299	0.2
32 1629902337	MAYER ELEM SCHOOL	CITY OF CHICAGO SCHOOL DIST 299	0.1
33 1629902369	NEIL ELEM SCHOOL	CITY OF CHICAGO SCHOOL DIST 299	0.3
34 1629902391	PALMER ELEM SCHOOL	CITY OF CHICAGO SCHOOL DIST 299	0.4
35 1629902480	TAYLOR ELEM SCHOOL	CITY OF CHICAGO SCHOOL DIST 299	0.2
36 1629902510	PRITZKER ELEM SCHOOL	CITY OF CHICAGO SCHOOL DIST 299	0.3
37 1629902516	WILDWOOD ELEM SCHOOL	CITY OF CHICAGO SCHOOL DIST 299	0.6
38 1629902703	LEE ELEM SCHOOL	CITY OF CHICAGO SCHOOL DIST 299	0.3
39 1629902714	GEORGE LELAND ELEM SCHOOL	CITY OF CHICAGO SCHOOL DIST 299	0.5
40 1629902737	MCDOWELL ELEM SCHOOL	CITY OF CHICAGO SCHOOL DIST 299	0.0
41 1629902826	TURNER-DREW ELEM LANGUAGE ACADEMY	CITY OF CHICAGO SCHOOL DIST 299	0.1
42 1629902845	WIRTH ELEM EXPERIMENTAL SCHOOL	CITY OF CHICAGO SCHOOL DIST 299	0.1
43 1629902854	DE LA CRUZ ELEM MATH & SCI SPEC	CITY OF CHICAGO SCHOOL DIST 299	0.1
44 1629902878	GALILEO ELEM MATH & SCI SCHOL ACD	CITY OF CHICAGO SCHOOL DIST 299	0.1
45 1629902888	IRVING PARK MIDDLE SCHOOL	CITY OF CHICAGO SCHOOL DIST 299	0.1
46 1629902892	KELLMAN CORPORATE COMMUNITY ELEM	CITY OF CHICAGO SCHOOL DIST 299	0.4
47 1629902904	CHRISTOPHER ELEM SCHOOL	CITY OF CHICAGO SCHOOL DIST 299	0.4

48	4108002007	HORACE MANN ELEM SCHOOL	MOUNT VERNON SCHOOL DIST 80	0.3
49	4918700001	NORTH CHICAGO COMMUNITY HIGH SCH	NORTH CHICAGO SCHOOL DIST 187	0.0
50	4918701002	A J KATZENMAIER MIDDLE SCHOOL	NORTH CHICAGO SCHOOL DIST 187	0.4
51	5506100036	EISENHOWER HIGH SCHOOL	DECATUR SCHOOL DISTRICT 61	0.5
52	5506100038	MACARTHUR HIGH SCHOOL	DECATUR SCHOOL DISTRICT 61	0.1
53	5700300001	VENICE HIGH SCHOOL	VENICE COMM UNIT SCHOOL DIST 3	0.0
54	5701002011	KREITNER ELEM SCHOOL	COLLINSVILLE C U SCH DIST 10	0.6
55	5701100001	ALTON SR HIGH SCHOOL	ALTON COMM UNIT SCHOOL DIST 11	0.2
56	5701101003	EAST MIDDLE SCHOOL	ALTON COMM UNIT SCHOOL DIST 11	0.9
57	5701202004	HARRIS ELEM SCHOOL	MADISON COMM UNIT SCH DIST 12	0.3
58	5701202006	BLAIR ELEM SCHOOL	MADISON COMM UNIT SCH DIST 12	1.1
59	5701301001	EAST ALTON MIDDLE SCHOOL	EAST ALTON SCHOOL DISTRICT 13	0.0
60	5701302002	EASTWOOD ELEM SCHOOL	EAST ALTON SCHOOL DISTRICT 13	0.2
61	5813502005	IRVING ELEM SCHOOL	CENTRALIA SCHOOL DIST 135	0.1
62	6100102004	GEORGE R CLARK ELEM SCHOOL	MASSAC UNIT DISTRICT #1	0.7
63	6103800001	JOPPA JR & SR HIGH SCHOOL	JOPPA-MAPLE GROVE UNIT DIST 38	0.3
64	7215001004	WHITE MIDDLE SCHOOL	PEORIA SCHOOL DISTRICT 150	0.1
65	7215002036	HARRISON PRIMARY SCHOOL	PEORIA SCHOOL DISTRICT 150	0.0
66	7215002042	KINGMAN PRIMARY SCHOOL	PEORIA SCHOOL DISTRICT 150	0.4
67	7405700001	DELAND-WELDON HIGH SCHOOL	DELAND-WELDON C U SCH DIST 57	1.8
68	7710000001	CENTURY HIGH SCHOOL	CENTURY COMM UNIT SCH DIST 100	0.7
69	7710100001	MERIDIAN HIGH SCHOOL	MERIDIAN C U SCH DISTRICT 101	0.1
70	8218702002	CENTERVILLE ELEM SCHOOL	CAHOKIA COMM UNIT SCH DIST 187	0.3
71	8218901007	CLARK MIDDLE SCHOOL	EAST ST LOUIS SCHOOL DIST 189	0.3
72	8218901025	LANSDOWNE MIDDLE SCHOOL	EAST ST LOUIS SCHOOL DIST 189	0.4
73	8218902001	ALTA SITA ELEM SCHOOL	EAST ST LOUIS SCHOOL DIST 189	1.0
74	8218902010	EDGEMONT ELEM SCHOOL	EAST ST LOUIS SCHOOL DIST 189	0.5
75	8218902026	LILLY-FREEMAN ELEM SCHOOL	EAST ST LOUIS SCHOOL DIST 189	0.2
76	8218902028	LUCAS ELEM SCHOOL	EAST ST LOUIS SCHOOL DIST 189	0.1
77	8218902051	MILES D DAVIS ELEMENTARY SCHOOL	EAST ST LOUIS SCHOOL DIST 189	0.7
78	8418602013	BLACK HAWK ELEM SCHOOL	SPRINGFIELD SCHOOL DISTRICT 186	0.2
79	9108401002	SHAWNEE JR HIGH SCHOOL	SHAWNEE C U SCH DIST 84	0.1
80	9108402005	SHAWNEE ELEM SCHOOL - SOUTH	SHAWNEE C U SCH DIST 84	1.1
81	9200200004	WESTVILLE HIGH SCHOOL	WESTVILLE C U SCHOOL DIST 2	0.4
82	9211801021	SOUTH VIEW MIDDLE SCHOOL	DANVILLE C C SCHOOL DIST 118	0.1
83	10120501001	WEST MIDDLE SCHOOL	ROCKFORD SCHOOL DIST 205	0.2

## Appendix C: LP-LP Schools List

	RCDS CODE	DISTRICT NAME	SCHOOL NAME	READING	MATH T	ENROLLMEN
1	0410120501008	ROCKFORD SCHOOL DIST 205	BERNARD W FLINN MIDDLE SCHOOL	50	30	1,065
2	0410120502037	ROCKFORD SCHOOL DIST 205	SWAN HILLMAN ELEM SCHOOL	47	35	448
3	0901000702002	TOLONO C U SCHOOL DIST 7	PHILO GRADE SCHOOL	50	37	170
4	1401608802005	BELLWOOD SCHOOL DIST 88	MCKINLEY ELEM SCHOOL	30	27	576
5	1401608902008	MAYWOOD-MELROSE PARK-BROADVIEW-89	ROOSEVELT ELEM SCHOOL	40	22	553
6	1401609102005	FOREST PARK SCHOOL DIST 91	GRANT-WHITE ELEM SCHOOL	42	47	202
7	1401610002008	BERWYN SOUTH SCHOOL DISTRICT 100	HIAWATHA ELEM SCHOOL	39	34	430
8	1401615702001	HOOVER-SCHRUM MEMORIAL SD 157	HOOVER ELEM SCHOOL	46	43	246
9	1401616002003	COUNTRY CLUB HILLS SCH DIST 160	ZENON J SYKUTA SCHOOL	49	47	507
10	1401616002006	COUNTRY CLUB HILLS SCH DIST 160	SOUTHWOOD ELEM SCHOOL	35	39	353
11	1902203302004	WEST CHICAGO SCHOOL DIST 33	PIONEER ELEM SCHOOL	39	49	513
12	3104504602022	SCHOOL DISTRICT 46	HUFF ELEM SCHOOL	46	46	706
13	3104530001001	COMM UNIT SCH DIST 300	CARPENTERSVILLE MIDDLE SCHOOL	50	20	1,132
14	3104530002016	COMM UNIT SCH DIST 300	MEADOWDALE ELEM SCHOOL	48	44	593
15	3404906002016	WAUKEGAN C U SCHOOL DIST 60	NORTH ELEM SCHOOL	24	33	606
16	5108418602024	SPRINGFIELD SCHOOL DISTRICT 186	LINCOLN ELEM SCHOOL	42	38	360
17	5108418602042	SPRINGFIELD SCHOOL DISTRICT 186	JEFFERSON ELEMENTARY SCHOOL	42	33	528
18	5609908602020	JOLIET PUBLIC SCH DIST 86	TAFT ELEMENTARY SCHOOL	38	37	444