

## APPENDIX A: Optional Attachments

### *Facilitating Data Integration through Education Choice and Equity-Driven Research-Practice Partnerships*

#### ***Wisconsin DPI Supplemental Information and Documentation***

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- Wisconsin Information Systems for Education (WISE) Tool Overview
- Graphic Representation of WISE System Data Flow
- WISEdash Promotional Flier
- State of Wisconsin Budget Detail - State Aids Tied to Membership and Student Counts
- Wisconsin Public Schools at a Glance
- Wisconsin Education Choice Program Historical Data
  - Public School Open Enrollment
  - Independent Charter School
  - Milwaukee Parental Choice Program
  - Racine Parental Choice Program
  - Wisconsin Parental Choice Program
- Product Plan for Proposed Outcomes 1-3

# WISE:

<http://dpi.wi.gov/wise>

## Wisconsin Information Systems for Education



The Wisconsin Information Systems for Education (WISE) is comprised of the following tools:

**WISEid System:** Provides school districts, charter schools, and private schools participating in a parental choice program the ability to assign unique state ids, called the WISEid for students and staff. The WISEid is a critical element of the enterprise WISE system platform because it is the data element that integrates systems.

**WISEdata:** Allows school districts, charter schools, and private schools participating in a parental choice program to submit data to DPI in an efficient and streamlined process from the Student Information system of their choice.

**WISEsecure:** Enables school districts to seamlessly manage access to DPI applications.

**WISEstaff:** The system used to report public school staff, including contracts and teaching assignments.

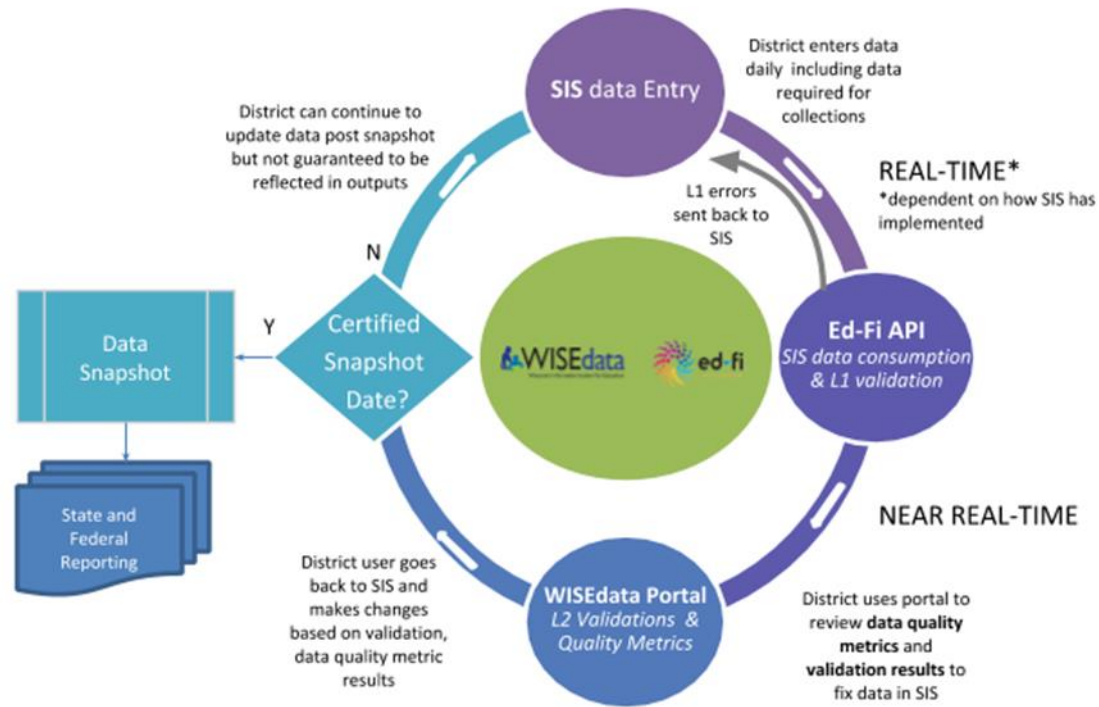
**WISEdash:** Provides multi-year education data about Wisconsin schools in a visually appealing reporting tool. WISEdash is used by districts, schools, parents, researchers, media, and other community members to view data published by DPI.

**WISElearn:** A portal consolidating available resources for Wisconsin Educators to use in the classroom.

**WISEgrants:** A federal grants management system providing a one-stop shop for subrecipients to access their federal funds in a standardized system that meets all federal fiscal requirements and establishes a web-based monitoring system for DPI staff to use to ensure a subrecipient's compliance with federal law.

## Graphic Representation of WISE System Data Flow

# State Reporting Process (Ed-Fi)



# Better Information, Better Outcomes

## WISEdash Data Empowers Schools

### WISEdash for Districts provides:

- Supports for data inquiry and continuous improvement planning through the WISExplore process.
- More data and dashboards for district-wide use of student data to drive school improvement, including being able to aggregate by demographic group and drill down to detail data.
- Dashboards to help with district and school data verification for upcoming snapshots.
- Secure platform to protect student privacy while viewing student outcomes.
- Many features including those listed below!

### Enhanced Improvement Planning

The Data Inquiry Journal allows educators and administrators to document ongoing data investigation and design continuous improvement plans all in one convenient location.

- Includes all essential components for continuous improvement in one tool
- Meets requirements for continuous improvement planning in ESSA and IDEA

### Comprehensive Early Warning System

An early warning system provides information to help schools identify students who are not on track for desirable outcomes. The Dropout Early Warning System (DEWS) and the College and Career Readiness Early Warning System (CCREWS) are both available in WISEdash. In addition, Chronic Absenteeism is available, as well as FAFSA Filing Status.

### Improved Snapshot Reporting and Data Reporting

Use WISEdash to review your data before a snapshot. WISEdash has additional features to help you check your data as you prepare for the snapshot, such as viewing current and trend data on topic-specific dashboards, as well as advanced analysis snapshot dashboards to view current data and demographics compared to a prior year's snapshot data.



Log in to check out our new features today!

[dpi.wi.gov/wisedash/districts](https://dpi.wi.gov/wisedash/districts)



WISCONSIN DEPARTMENT OF  
**PUBLIC INSTRUCTION**  
Carolyn Stanford Taylor, State Superintendent

**State School Aids Tied to Membership or Other Student Counts in the  
2019-2021 State of Wisconsin Biennial Budget**

Wisconsin Department of Public Instruction, School Financial Services

August 29, 2019

	<u>2019-20</u>	<u>2020-21</u>
<i>State Aids Tied to Membership</i>		
General Equalization Aids	4,740,048,000	4,903,590,000
Per Pupil Aid	619,124,800	616,973,000
Sparsity Aid	24,713,900	24,813,900
Supplemental Per Pupil Aid	2,800,000	2,500,000
Total	5,386,686,700	5,547,876,900
<i>State Aids Tied to Other Student Counts</i>		
School Library Aids	39,400,000	40,300,000
Pupil Transportation Aid	24,000,000	24,000,000
Total	63,400,000	64,300,000
 Total Direct State School Aids	 6,072,712,400	 6,295,165,900
 Total Tied to Membership & Other Student Counts	 5,450,086,700	 5,612,176,900
Percent of All Direct State School Aids	89.7%	89.2%
 Total Tied to Membership Only	 5,386,686,700	 5,547,876,900
Percent of All Direct State School Aids	88.7%	88.1%

# WISCONSIN Public Schools at a Glance

## SCHOOLS & DISTRICTS (2018-19)

### Total Public Schools – 2,216

High Schools	517
Junior High Schools	22
Middle Schools	347
Elementary Schools	1,217
Combined Elementary / Secondary	87

District Charter Schools (all types)	209
Non-district (2R) Charter Schools	26

### Public School Districts – 421

Common	
K-8*	42
K-12	322
First Class	1
Unified	46
Union High School (UHS)	10

\* One of the state's 43 K-8 districts is a unified school district

## STUDENTS (2018-19)

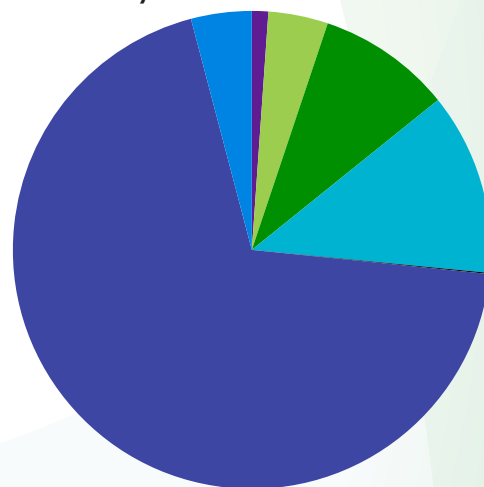
### Student Enrollment – 858,833

High Schools	261,218
Middle Schools	187,432
Elementary Schools	410,183

### Demographics

Students with Disabilities	14.0%
English Learners	6.0%
Economically Disadvantaged Students	40.7%

### Race & Ethnicity



American Indian	1.1%	Asian	4.0%
Black or African American	9.1%	Hispanic	12.3%
Pacific Islander	0.1%	White	69.3%
Two or More Races	4.1%		

## STAFF (2016-17)

### FTE Staff – 108,820

Administrators	4,154
Aides, support, and other staff	37,265
Licensed staff	67,402
Teachers	60,649
Pupil to teacher ratio	14.2:1
Teachers with advanced degrees	48.3%
Average salary*	\$51,439
Average years of experience*	14.1

\* Full-time public school teachers

## SCHOOL FUNDING

### Total state aids:

\$5.63 billion (General aids: \$4.58 billion) Fiscal 2018

### Total 2016-17 funding (\$11.51 billion) comes from:

State aids	46.2%	Federal aids	7.2%
Property taxes	42.1%	Local revenue	4.5%

## ATTENDANCE (2017-18)

Public school attendance rate	93.9%
School-age population	1,003,607
Public	85.7%
Private	12.0%
Homeschooled	2.2%
Tribal	0.1%

## CONTACT

Wisconsin Department of Public Instruction  
125 South Webster Street • P.O. Box 7841  
Madison, WI 53707 • [dpi.wi.gov](http://dpi.wi.gov) • [wisedash.dpi.wi.gov](http://wisedash.dpi.wi.gov)

Information is based on most recently available data. February 2019



WISCONSIN DEPARTMENT OF  
**PUBLIC INSTRUCTION**  
Carolyn Stanford Taylor, State Superintendent



# Public School Open Enrollment by the Numbers

## 1998-99 to 2017-18

### Open Enrollment Applications and Transfers 1998-99 to 2017-18

	All Apps*	Alt Apps	All Transfers*	Alt. Transfers
1998-99	5,926		2,464	
1999-00	6,691		4,858	
2000-01	7,616		7,213	
2001-02	9,523		9,602	
2002-03	11,859		12,378	
2003-04	13,770		15,413	
2004-05	15,367		18,215	
2005-06	16,461		21,028	
2006-07	18,122		23,406	
2007-08	18,713		25,898	
2008-09	20,976		28,025	
2009-10	29,707		31,916	
2010-11	32,591		34,498	
2011-12	36,166	156	37,332	105
2012-13	45,680	4,476	44,678	3,218
2013-14	42,929	7,395	50,075	5,531
2014-15	41,647	8,674	53,188	6,491
2015-16	41,118	9,981	55,737	7,315
2016-17	39,154	11,061	58,347	8,362
2017-18	38,738	12,240	60,820	8,997

\*Includes alternative applications & transfers

### Open Enrollment \$ Transferred in Millions

1998-99	\$9.6 m	2008-09	\$151.2 m
1999-00	\$19.6 m	2009-10	\$178.4 m
2000-01	\$30.5 m	2010-11	\$196.2 m
2001-02	\$42.5 m	2011-12	\$196.2 m
2002-03	\$57.4 m	2012-13	\$235.1 m
2003-04	\$73.9 m	2013-14	\$266.4 m
2004-05	\$88.0 m	2014-15	\$289.6 m
2005-06	\$104.0 m	2015-16	\$303.2 m
2006-07	\$118.7 m	2016-17	\$387.8 m
2007-08	\$135.1 m	2017-18	\$419.3 m

### History of Open Enrollment Aid Transfer Amount

	OE Transfer Amount	Avg. Revenue/ Mbr
1998-99	\$4,543	\$6,906
1999-00	\$4,703	\$7,158
2000-01	\$4,828	\$7,419
2001-02	\$5,059	\$7,667
2002-03	\$5,241	\$7,931
2003-04	\$5,446	\$8,216
2004-05	\$5,496	\$8,510
2005-06	\$5,682	\$8,815
2006-07	\$5,845	\$9,150
2007-08	\$6,007	\$9,499
2008-09	\$6,225	\$9,836
2009-10	\$6,498	\$10,107
2010-11	\$6,665	\$10,316
2011-12	\$6,867	\$9,809
2012-13	\$6,335	\$9,884
2013-14	\$6,485	\$10,036
2014-15	\$6,635	\$10,185
2015-16	\$6,639	\$10,312
2016-17	\$6,748/\$12,000	\$10,439
2017-18	\$7,055/\$12,207	\$10,555

\*Starting in the 2016-17 school year, a set transfer amount was created for pupils with disabilities.

### Virtual Charter Schools (VCS)

	# Virtual Charter Schools	Total Enrollment*
2002-03	4	265
2003-04	5	882
2004-05	7	1,472
2005-06	9	1,972
2006-07	11	2,302
2007-08	15	2,951
2008-09	14	3,126
2009-10	13	3,925
2010-11	16	4,012
2011-12	25	4,911
2012-13	27	6,737
2013-14	30	7,198
2014-15	33	6,543
2015-16	35	6,303
2016-17	35	6,743
2017-18	39	6,905

\*All virtual charter school enrollment, including OE & resident

### Open Enrollment Contact Information

Website: <https://dpi.wi.gov/oe>  
 Phone: 888-245-2732 (toll-free)  
 Email: [openenrollment@dpi.wi.gov](mailto:openenrollment@dpi.wi.gov)



WISCONSIN DEPARTMENT OF  
**PUBLIC INSTRUCTION**  
 Tony Evers, PhD, State Superintendent



**Wisconsin Independent Charter Schools Membership History**  
**2000-01 to 2018-2019 School Years**

Wisconsin Department of Public Instruction

Last Updated June 2019

School Year	Number of Schools	Total Full Time Equivalent (FTE)	Payment per FTE
2000-2001	5	1,411	\$6,495
2001-2002	7	2,046	\$6,721
2002-2003	11	3,360	\$6,951
2003-2004	11	3,601	\$7,050
2004-2005	12	4,066	\$7,111
2005-2006	15	4,489	\$7,519
2006-2007	15	4,830	\$7,669
2007-2008	17	5,487	\$7,669
2008-2009	16	5,296	\$7,775
2009-2010	17	6,124	\$7,775
2010-2011	18	7,159	\$7,775
2011-2012	19	6,863	\$7,775
2012-2013	21	7,459	\$7,775
2013-2014	23	7,964	\$7,925
2014-2015	23	8,413	\$8,075
2015-2016	22	8,807	\$8,079
2016-2017	20	7,526	\$8,188
2017-2018	21	7,813	\$8,395
2018-2019	23	8,455	\$8,619

**Milwaukee Parental Choice Program**  
**Membership and Payment History, in Total, 1990-91 to 2018-19**

<u>Year</u>	<u>Number of schools at start</u>	<u>Number of schools at end</u>	<u>September FTE</u>	<u>January FTE</u>	<u>Summer School * FTE/Headcount</u>	<u>Aid Membership**</u>	<u>Aid per Membership^</u>	<u>Total Paid</u>
1990-91	7	6	337	258	3	300	\$2,446	\$733,800
1991-92	6	6	504	506	7	512	\$2,643	\$1,353,216
1992-93	11	11	591	569	14	594	\$2,745	\$1,630,530
1993-94	12	12	718	687	2	704	\$2,985	\$2,101,440
1994-95	12	12	786	752	2	771	\$3,209	\$2,474,139
1995-96	17	15	1,320	1,199	29	1,288	\$3,667	\$4,723,096
1996-97	20	20	1,606	1,573	27	1,616	\$4,373	\$7,066,768
1997-98	23	23	1,501	1,416	39	1,497	\$4,696	\$7,029,912
1998-99	83	83	5,740	5,697	43	5,761	\$4,894	\$28,194,334
1999-00	90	91	7,596	7,480	37	7,575	\$5,106	\$38,677,950
2000-01	100	100	9,104	9,107	133	9,238	\$5,326	\$49,201,588
2001-02	102	103	10,390.6	10,287.1	158	10,497	\$5,553	\$58,289,841
2002-03	102	102	11,209.3	11,156.3	121	11,304	\$5,783	\$64,670,181
2003-04	106	106	12,788	12,736	120	12,882	\$5,882	\$75,066,132
2004-05	117	116	14,427	13,386	164	14,071	\$5,943	\$82,646,395
2005-06	125	119	15,273.9	13,652.8	141	14,604	\$6,351	\$91,856,792
2006-07	124	120	17,126.4	16,746.1	152	17,088	\$6,501	\$110,102,622
2007-08	122	120	18,550	18,205.1	180	18,558	\$6,501	\$119,472,525
2008-09	127	123	19,413.8	19,049	197	19,428	\$6,607	\$127,061,939
2009-10	111	109	20,041.9	20,226.4	238	20,372	\$6,442	\$129,704,290
2010-11	102	100	20,189.4	19,917.1	203	20,256	\$6,442	\$129,183,118
2011-12	106	106	22,327.7	21,888	112	22,220	\$6,442	\$142,418,815
2012-13	112	110	23,722.6	23,580.7	137	23,789	\$6,442	\$152,687,550
2013-14	110	108	24,833.6	24,503.2	108	24,776	\$6,442	\$159,177,603
2014-15	113	112	26,003.0	25,487.7	1,939	20,488.9 / 5,256.5	\$7,210 / 7,856	\$189,644,224
2015-16	117	117	26,798.5	26,142.3	2,440	20,879.4 / 5,590.5	\$7,214 / 7,860	\$195,466,809
2016-17	121	121	27,102.1	26,724.1	2,894	21,083.1 / 5,830.0	\$7,323 / 7,969	\$201,918,353
2017-18	125	125	27,837.3	27,557.5	2,589	21,590.9 / 6,106.5	\$7,530 / 8,176	\$213,478,247
2018-19	129		28,066.8	-	3,353			
<b>Totals</b>								<b>\$2,386,032,207</b>

These are unaudited numbers as of October 2018 and are subject to change.

\* Starting in 2002-03, summer school payments were reduced by 40%.

Starting in 2012-13, summer school payments were calculated as follows: summer school FTE multiplied by the school's summer school cost multiplied by 40%.

Starting in 2014-15, summer school payments are calculated as follows: 5% of the maximum per pupil amount from the school term preceding summer school multiplied by the school's summer school headcount.

Starting in 2018-19, summer school payments are calculated as follows: 5% of the maximum per pupil amount from the school term preceding summer school multiplied by the school's summer school headcount for students that attended 15 or more days and prorated if attended less than 15 days.

\*\* Calculated as the average of September and January FTE, plus summer school (through 2013-14).

Starting in 2014-15, calculated as the average of the September and January FTE. Showing average of grades K-8 and 9-12

^ Starting in 2014-15, choice aid payments varied by grade level.

**Racine Parental Choice Program (RPCP)**  
**Membership and Payment History, in Total, 2011-12 to 2018-19**

<u>Year</u>	<u>Number of schools at start</u>	<u>Number of schools at end</u>	<u>September FTE</u>	<u>January FTE</u>	<u>Summer School Headcount*</u>	<u>Aid Membership**</u>	<u>Aid per Membership^</u>	<u>Total Paid</u>
2011-12	8	8	212.8	224.4	-	218.6	\$6,442	\$1,408,221
2012-13	11	11	487.6	482.7	-	485.2	\$6,442	\$3,125,336
2013-14	13	13	1,179	1,158.6	-	1,168.8	\$6,442	\$7,529,410
2014-15	15	15	1,668.4	1,650.5	-	1,366.5 / 293.0	\$7,210 / 7,856	\$12,154,273
2015-16	19	19	2,054.6	2,058.7	-	1,665.2 / 391.5	\$7,214 / 7,860	\$15,089,582
2016-17	19	19	2,462.6	2,377.4	3	1,955.5 / 464.5	\$7,323 / 7,969	\$18,022,906
2017-18	23	23	2,912.9	2,791.9	113	2,300.9 / 551.5	\$7,530 / 8,176	\$21,876,345
2018-19	26		3,241.6	-	200			
<b>Totals</b>								<b>\$79,206,073</b>

These are unaudited numbers as of October 2018 and are subject to change.

\*Starting in 2012-13, summer school payments were calculated as follows: summer school FTE multiplied by the school's summer school cost multiplied by 40%.

Starting in 2014-15, summer school payments are calculated as follows: 5% of the maximum per pupil amount from the school term preceding summer school multiplied by the school's summer school headcount.

Starting in 2018-19, summer school payments are calculated as follows: 5% of the maximum per pupil amount from the school term preceding summer school multiplied by the school's summer school headcount for students that attended 15 or more days and prorated if attended less than 15 days.

\*\* Calculated as the average of September and January FTE, plus summer school (through 2013-14).

Starting in 2014-15, calculated as the average of the September and January FTE.

^ Starting in 2014-15, choice aid payments varied by grade level. One for grades K-8 and one for grades 9-12.

**Wisconsin Parental Choice Program  
Membership and Payment History, in Total, 2013-14 to 2018-19**

<u>Year</u>	<u>Number of schools at start</u>	<u>Number of schools at end</u>	<u>September FTE</u>	<u>January FTE</u>	<u>Summer School Headcount*</u>	<u>Aid Membership**</u>	<u>Aid per Membership^</u>	<u>Total Paid</u>
2013-14	25	25	499.4	497.9	-	498.7	\$6,442	\$3,212,303
2014-15	31	31	992.5	996.0	8	724.8 / 269.5	\$7,210 / 7,856	\$7,345,216
2015-16	82	82	2,479.5	2,485.5	11	1,776.0 / 706.5	\$7,214 / 7,860	\$18,369,152
2016-17	121	121	2,990.4	2,966.4	40	2,115.9 / 862.5	\$7,323 / 7,969	\$22,382,459
2017-18	154	153	4,398.9	4,318.4	35	3,154.2 / 1,204.5	\$7,530 / 8,176	\$33,612,127
2018-19	213		6,878.2	-	131			
<b>Totals</b>								<b>\$84,921,257</b>

These are unaudited numbers as of October 2018 and are subject to change.

\* Starting in 2014-15, summer school payments are calculated as follows: 5% of the maximum per pupil amount from the school term preceding summer school multiplied by the school's summer school headcount.

Starting in 2018-19, summer school payments are calculated as follows: 5% of the maximum per pupil amount from the school term preceding summer school multiplied by the school's summer school headcount for students that attended 15 or more days and prorated if attended less than 15 days.

\*\* Calculated as the average of September and January FTE. Beginning in 2014-15, showing average of grades K4-8 and 9-12

^ Starting in 2014-15, choice aid payments varied by grade level. One for grades K-8 and one for grades 9-12.

## Product Plan for School Choice Infrastructure Projects (Objectives 1-3)

<b>Outcome 1 – Enterprise Database and School Directory</b>	<b>1/2020 - 6/2020</b>	<b>7/2020 - 12/2020</b>	<b>1/2021 - 6/2021</b>	<b>7/2021 - 12/2021</b>	<b>1/2022 - 6/2022</b>	<b>7/2022 - 12/2022</b>	<b>1/2023 - 6/2023</b>	<b>7/2023 - 1/2024</b>
1.1 Create workflow process for implementing school alignment policies	X							
1.2 Create workflow process used to determine how schools are related to one another	X							
1.3 Create system architecture and database design	X							
1.4 Implement an automated workflow used to authenticate and update records in the enterprise system		X	X	X				
1.5 Implement upgraded enterprise architecture and technical infrastructure		X	X	X				
1.6 Create new School Directory software application		X	X	X				
1.7 Add capability for private and choice schools to update school directory information through new School Directory software		X	X	X				
1.8 Improve interoperability					X	X		
1.9 Create and deliver training materials to end users					X	X		

### Product Plan for School Choice Infrastructure Projects (Objectives 1-3)

Outcome 2 – Integration of DPI Choice School Systems	1/2020 - 6/2020	7/2020 - 12/2020	1/2021 - 6/2021	7/2021 - 12/2021	1/2022 - 6/2022	7/2022 - 12/2022	1/2023 - 6/2023	7/2023 - 1/2024
2.1 Review Online Application System	X							
2.2 Identify where gap analysis is needed to connect to the WISE system	X							
2.3 Identify and document data dependencies	X							
2.4 Evaluate legal requirements, business rules, data governance/management policies	X							
2.5 Establish minimum viable product requirements	X							
2.6 Create an external facing application		X	X					
2.7 Build choice program system integration to WISEdata		X	X					
2.8 Build framework and infrastructure		X	X					
2.9 Analyze requirement differences between regular and alternative parent application processes				X	X	X		
2.10 Build parent application software system infrastructure				X	X	X		
2.11 Build backlog of future system improvements				X	X	X		
2.12 Provide training and technical assistance				X	X	X		

## Product Plan for School Choice Infrastructure Projects (Objectives 1-3)

<b>Outcome 3 – Streamlining the PI-1563 Membership Collection</b>	<b>1/2020 - 6/2020</b>	<b>7/2020 - 12/2020</b>	<b>1/2021 - 6/2021</b>	<b>7/2021 - 12/2021</b>	<b>1/2022 - 6/2022</b>	<b>7/2022 - 12/2022</b>	<b>1/2023 - 6/2023</b>	<b>7/2023 - 1/2024</b>
3.1 Map the Ed-Fi data model					X			
3.2 Evaluate legal requirements, business rules, data governance/management policies					X			
3.3 Develop system architecture					X			
3.4 Develop validation rules					X			
3.5 Modify WISEdata student data collection application						X	X	X
3.6 Conduct vendor integration testing						X	X	X
3.7 Develop software application for LEAs to review fiscal data quality						X	X	X
3.8 Develop validations and ETL procedures						X	X	X
3.9 Provide training and technical assistance to end users						X	X	X