

Implications of HB604 on School Calendars Going Forward

Prepared for
EducationPlus Member Districts
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Tourism industry close to long-sought goal: pushing back school start dates

The first day of school could come little later next year under a bill awaiting the governor's signature this summer.

In an effort to give the tourism industry a few more August days to make money, lawmakers approved a measure championed by Rep. Jeff Knight, R-Lebanon, last month that would bar school districts from starting more than 14 days before Labor Day.

Currently, local school boards are allowed to set their own start dates.

In floor debate, Knight promoted the idea he ultimately tacked onto a larger education policy bill as a lifeline for businesses that have suffered in recent years as districts have moved their start dates earlier and earlier in August.

"The revenue that is being lost is significant," he told colleagues.

In interviews this week, supporters of the measure backed him up.

Brad Thomas, general manager at Branson-area Silver Dollar City, said that 20 years ago, "the first, second and third weeks in August were significant tourism weeks in Missouri."

But he said changes in the law allowing school boards to move start dates earlier in August have led to tens of thousands fewer visitors to the theme park each year.

Michelle Lambeth, executive director of the Missouri Canoe and Floaters Association, said the changes have also made business difficult for the outfitters she represents.

She conceded her clients were also dealing with other obstacles, like the flooding in recent years, and the change wouldn't add any more days to the summer as a whole.

But she said adding a few off days in August would be a big help to the floating industry.

"Typically when schools let out in the middle of May, our rivers are either flooded or the weather is rainy, she said. "By shifting the school start date later, it will gain the outfitters a week to 2 weeks of being able to fully operate their business."



<https://www.news-leader.com/story/news/politics/2019/06/30/governors-desk-pushing-back-1st-day-school/1571331001/>

Legislation

- ❖ [House Bill 604](#), an Omnibus Education Bill (Henderson, R-Bonne Terre), contained an amendment of [House Bill 161](#) (Knight, R-Lebanon) which states that a school may start no earlier than 14 days prior to Labor Day.
- ❖ Intent was to give the tourism industry a few more August days to make money.
 - “Typically when schools let out in the middle of May, our rivers are either flooded or the weather is rainy...’By shifting the school start date later, it will gain the outfitters a week to 2 weeks of being able to fully operate their business.”

Questions and Data Source

Questions

1. What will be the impact of the legislation in future school years as it relates to the start of the school year?
2. What would have been the impact of the new start date legislation on the previous year's calendar?

Data Source

Start and end dates for the 2018-19 school year were pulled for the 51 EducationPlus member districts from the calendar portion of EdPlus' Comparative Data.



Q1: What will be the impact of the legislation in future school years as it relates to the start of the school year?

Potential First Days and Memorial Days for the Next 22 Years

Year	School Year of	1 st Monday in September	14 Calendar Days Before	Weekdays to 12/24 from 14 Calendar Days Before	Weeks and Days to 12/24	Memorial Day
2020	20-21	7-Sep	24-Aug	88	17w/3d	31-May
2021	21-22	6-Sep	23-Aug	89	17w/4d	30-May
2022	22-23	5-Sep	22-Aug	89	17w/5d	29-May
2023	23-24	4-Sep	21-Aug	89	17w/6d	27-May
2024	24-25	2-Sep	19-Aug	91	18w/1d	26-May
2025	25-26	1-Sep	18-Aug	92	18w/2d	25-May
2026	26-27	7-Sep	24-Aug	88	17w/3d	31-May
2027	27-28	6-Sep	23-Aug	89	17w/4d	29-May
2028	28-29	4-Sep	21-Aug	89	17w/6d	28-May
2029	29-30	3-Sep	20-Aug	90	18w/0d	27-May
2030	30-31	2-Sep	19-Aug	91	18w/1d	26-May

Year	School Year of	1 st Monday in September	14 Calendar Days Before	Weekdays to 12/24 from 14 Calendar Days Before	Weeks and Days to 12/24	Memorial Day
2031	31-32	1-Sep	18-Aug	92	18w/2d	31-May
2032	32-33	6-Sep	22-Aug	89	17w/5d	30-May
2033	33-34	5-Sep	21-Aug	90	17w/6d	29-May
2034	34-35	4-Sep	20-Aug	90	18w/0d	28-May
2035	35-36	3-Sep	19-Aug	90	18w/1d	26-May
2036	36-37	1-Sep	18-Aug	92	18w/2d	25-May
2037	37-38	7-Sep	24-Aug	88	17w/3d	31-May
2038	38-39	6-Sep	23-Aug	89	17w/4d	30-May
2039	39-40	5-Sep	22-Aug	89	17w/5d	28-May
2040	40-41	3-Sep	20-Aug	90	18w/0d	27-May
2041	41-42	2-Sep	19-Aug	91	18w/1d	26-May

- The range of available weekdays from 14 before Labor Day to Christmas Eve is from 88-92.
- The weekdays count does not take out any holidays such as Thanksgiving.

The difference between fourteen days before the first Monday and Memorial Day is 40 weeks/200 weekdays.

- The first year, 2020, has the latest possible first Monday in September, which means there will be the fewest amount of weekdays at 88 days.
- The earliest first day will always be a Monday.

Q2: What would have been the impact of the new start date legislation on the previous year's calendar?

Distributions of 2018-19 1st Days

1st Days

Mon. 8/6	x
Tues. 8/7	
Wed. 8/8	x
Thur. 8/9	x x x x
Fri. 8/10	
Mon. 8/13	x x x
Tues. 8/14	x x x x x x x x
Wed. 8/15	x x x x x x x x x x x x x x x x
Thurs. 8/16	x x x x x x x x x x x x x x
Fri. 8/17	x x
Mon. 8/20	x x

- ❖ Monday, 8/20 would have been the first day 14 days before Labor Day.
 - 2 districts started on this day.
 - No districts started after this day.
- ❖ 49/51 districts (96%) would have to start later than when they did.

Distributions of 2018-19 Last Day and Last Day Adjustments

Last Day

Fri. May 10	X X
Mon. May 13	
Tues. May 14	X X X X
Wed. May 15	X X
Thur. May 16	X X X X
Fri. May 17	X X X X X X
Mon. May 20	X
Tues. May 21	X
Wed. May 22	X X X X X X X
Thur. May 23	X X X X X X X X X X X X X
Fri. May 24	X X X X X
Mon. May 27	
Tues. May 28	
Wed. May 29	X
Thur. May 30	X X
Fri. May 31	
Mon. June 3	X
Tues. June 4	X
Wed. June 5	X
Thur. June 6	
Fri. June 7	
Mon. June 10	
Tues. June 11	

Date	LD	LD ADJ
Fri. May 10	2	0
Mon. May 13	0	1
Tues. May 14	4	0
Wed. May 15	2	1
Thur. May 16	4	1
Fri. May 17	6	2
Mon. May 20	1	4
Tues. May 21	1	5
Wed. May 22	7	0
Thur. May 23	13	3
Fri. May 24	5	3
Mon. May 27	0	0
Tues. May 28	0	6
Wed. May 29	1	7
Thur. May 30	2	5
Fri. May 31	0	2
Mon. June 3	1	3
Tues. June 4	1	4
Wed. June 5	1	1
Thur. June 6	0	0
Fri. June 7	0	1
Mon. June 10	0	0
Tues. June 11	0	1

Last Day Adjustments

Fri. May 10	
Mon. May 13	X
Tues. May 14	
Wed. May 15	X
Thur. May 16	X
Fri. May 17	X X
Mon. May 20	X X X X
Tues. May 21	X X X X X
Wed. May 22	
Thur. May 23	X X X
Fri. May 24	X X X
Mon. May 27	
Tues. May 28	X X X X X X
Wed. May 29	X X X X X X X X
Thur. May 30	X X X X X
Fri. May 31	X X
Mon. June 3	X X X
Tues. June 4	X X X X
Wed. June 5	X
Thur. June 6	
Fri. June 7	X
Mon. June 10	
Tues. June 11	X

Impact on Last Day

	Current	New	Current Cumulative Count	New Cumulative Count	Current Cumulative Pct	New Cumulative Pct
Week of Mon 5/6 - Fri 5/10	2	0	2	0	3.9	0.0
Week of Mon 5/13 - Fri 5/17	16	5	18	5	35.3	9.8
Week of Mon 5/20 - Fri 5/24	27	15	45	20	88.2	39.2
Week of Mon 5/27 - Fri 5/31*	3	21	48	41	94.1	80.4
Week of Mon 6/3 - Fri 6/7	3	9	51	50	100.0	98.0
Week of Mon 6/10 - Fri 6/14	0	1	51	51	100.0	100.0

- ❖ Over 80% of districts were out before Memorial Day.
- ❖ With the adjustments, that percent would be cut in half (39%).
- ❖ More districts would be in after Memorial Day.

Impact on Last Day (Change)

2018-19 Last Day

2018-19 Adjusted Last Day

	Week of 5/6 – 5/10	Week of 5/13 – 5/17	Week of 5/20 – 5/24	Week of 5/27 – 5/31*	Week of 6/3 – 6/7	Week of 6/10 – 6/14
Week of 5/6 – 5/10						
Week of 5/13 – 5/17	2 (3.9%)	3 (5.9%)				
Week of 5/20 – 5/24		9 (17.6%)	6 (11.8%)			
Week of 5/27 – 5/31*		3 (5.9%)	18 (35.3%)			
Week of 6/3 – 6/7		1 (2.0%)	3 (5.9%)	3 (5.9%)	2 (3.9%)	
Week of 6/10 – 6/14					1 (2.0%)	

Impact on Last Day (Change)

2018-19 Last Day

2018-19 Adjusted Last Day

	Week of 5/6 – 5/10	Week of 5/13 – 5/17	Week of 5/20 – 5/24	Week of 5/27 – 5/31*	Week of 6/3 – 6/7	Week of 6/10 – 6/14
Week of 5/6 – 5/10						
Week of 5/13 – 5/17	2 (3.9%)	3 (5.9%)				
Week of 5/20 – 5/24		9 (17.6%)	6 (11.8%)			
Week of 5/27 – 5/31*		3 (5.9%)	18 (35.3%)			
Week of 6/3 – 6/7		1 (2.0%)	3 (5.9%)	3 (5.9%)	2 (3.9%)	
Week of 6/10 – 6/14					1 (2.0%)	

Gray	See no change
Yellow	Go 1 week later
Orange	Go 2 weeks later
Red	Go 3 weeks later



*Memorial Day was 5/27/19


Impact on Last Day (Change)

See no change (21.6% - 11 districts) [gray diagonal]	Go 1 week later (64.7% - 33 districts) [1 cell under gray diagonal]	Go 2 weeks later (11.8% - 6 districts) [2 cells under gray diagonal]	Go 3 weeks later (2.0% - 1 district) [3 cells under gray diagonal]
Bayless, Elsberry, Franklin Co. RII, Hancock Place, Ladue, Lindbergh, Pattonville, Ritenour, Silex, Spring Bluff, Windsor	Affton, Clayton, Crystal City, Dunklin, Festus, Fox, Ft. Zumwalt, Gasconade Co. RII, Hazelwood Hillsboro, Jefferson RVII, Kirkwood, MRH, Mehlville, Meramec Valley RIII, Northwest, Riverview Gardens, Parkway, Rockwood, SSD, St. Charles, St. Clair, SLPS, Sunrise, Troy, Union, University City, Valley Park, Warren Co. RIII, Washington, Webster Groves, Wentzville, Winfield	Brentwood, Ferguson-Florissant, Francis Howell, Jennings, Orchard Farm, Wright City	Normandy

Districts by Cells

2018-19 Last Day

2018-19 Adjusted Last Day

	Week of 5/6 – 5/10	Week of 5/13 – 5/17	Week of 5/20 – 5/24	Week of 5/27 – 5/31	Week of 6/3 – 6/7	Week of 6/10 – 6/14
Week of 5/6 – 5/10						
Week of 5/13 – 5/17	Crystal City, Jefferson RVII	Franklin Co. RII, Spring Bluff, Windsor				
Week of 5/20 – 5/24		Festus, Fox, Gasconade Co. RII, Hillsboro, Northwest, Sunrise, Troy, Union, Warren Co. RIII	Bayless, Elsberry, Hancock Place, Ladue, Lindbergh, Silex			
Week of 5/27 – 5/31		Francis Howell, Orchard Farm, Wright City	Affton, Dunklin, Ft. Zumwalt, Kirkwood MRH, Mehlville, Meramec Valley RIII; Parkway, Rockwood, SSD, St. Charles, St. Clair, SLPS, University City, Washington, Wentzville, Webster Groves, Winfield			
Week of 6/3 – 6/7		Normandy	Brentwood, Ferg-Flor, Jennings	Clayton, Riverview Gardens, Valley Park	Pattonville, Ritenour	
Week of 6/10 – 6/14		 edu Your Part			Hazelwood	

Summary of Findings and Additional Questions

<p style="text-align: center;">Q1</p> <p style="text-align: center;">What will be the impact of the legislation in future school years as it relates to the start of the school year?</p>	<p style="text-align: center;">Q2</p> <p style="text-align: center;">What would have been the impact of the new start date legislation on the previous year's calendar?</p>
<ul style="list-style-type: none"> ❖ Earliest start day will always be on a Monday. However, few districts start on a Monday. ❖ Range in the number of 88-92 available days before Christmas, depending on the year. ❖ The first year, 2020, has the latest possible first Monday in September, which means there will be the fewest amount of weekdays (88) before Christmas. ❖ Forty weeks/200 weekdays between the first Monday fourteen days before Labor Day and Memorial Day. 	<ul style="list-style-type: none"> ❖ Most districts were out before Memorial Day with their current calendar. ❖ Most districts would not be out before Memorial Day with the simple adjustments shown. ❖ There is variation as to the impact at the local level. A general rule appears to be that the earlier you start the larger the potential for impact. ❖ There are additional considerations for a calendar beyond the first and last days. ❖ Will there be implications for graduations as more districts are compressed into a smaller window? ❖ Required hours versus days presents an opportunity as well.

Statement on the Legislation

- ❖ The legislation doesn't change the required number of hours nor does it specify when school must be out by, thus the time parameters on a school calendar remain in effect and there is essentially the same amount of time for Missouri students to travel or work in the summer in Missouri.
- ❖ It appears the effect of the legislation will be to trade time from the start of the summer to the end of the summer.
 - Generally speaking, students were out before Memorial Day and could theoretically travel or work in Missouri starting then, but were back in school in early to mid to late-August.
 - Now students will not be in school until mid to late-August, but will be in school after Memorial Day. Thus, there should be fewer students traveling around Memorial Day as they will still be in school the following week(s).

**Both models have 40 weeks
in session and 12 weeks out.**

**School year remains the
same length.**

**Summer remains the same
length.**

Week	Dates	2018-19 Actual Sample (Y = 40 weeks in; N = 12 weeks out)	2018-19 Adjusted Sample (Y = 40 weeks in; N = 12 weeks out)
1	8/13-8/17	YES	NO
2	8/20-8/24	YES	YES
3	8/27-8/31	YES	YES
4	9/3-9/7	YES	YES
5	9/10-9/14	YES	YES
6	9/17-9/21	YES	YES
7	9/24-9/28	YES	YES
8	10/1-10/5	YES	YES
9	10/8-10/12	YES	YES
10	10/15-10/19	YES	YES
11	10/22-10/26	YES	YES
12	10/29-11/2	YES	YES
13	11/5-11/9	YES	YES
14	11/12-11/16	YES	YES
15	11/19-11/23	YES	YES
16	11/26-11/30	YES	YES
17	12/3-12/7	YES	YES
18	12/10-12/14	YES	YES
19	12/17-12/21	YES	YES
20	12/24-12/28	NO	NO
21	12/31-1/14	YES	YES
22	1/7-1/11	YES	YES
23	1/14-1/18	YES	YES
24	1/21-1/25	YES	YES
25	1/28-2/1	YES	YES
26	2/4-2/8	YES	YES
27	2/11-2/15	YES	YES
28	2/18-2/22	YES	YES
29	2/25-3/1	YES	YES
30	3/4-3/8	YES	YES
31	3/11-3/15	YES	YES
32	3/18-3/22	YES	YES
33	3/25-3/29	YES	YES
34	4/1-4/5	YES	YES
35	4/8-4/12	YES	YES
36	4/15-4/19	YES	YES
37	4/22-4/26	YES	YES
38	4/29-5/3	YES	YES
39	5/6-5/10	YES	YES
40	5/13-5/17	YES	YES
41	5/20-5/24	YES	YES
42	5/27-5/31	NO	YES
43	6/3-6/7	NO	NO
44	6/10-6/14	NO	NO
45	6/17-6/21	NO	NO
46	6/24-6/28	NO	NO
47	7/1-7/5	NO	NO
48	7/8-7/12	NO	NO
49	7/15-7/19	NO	NO
50	7/22-7/26	NO	NO
51	7/29-8/2	NO	NO
52	8/5-8/9	NO	NO

**The decision to end 1st
semester before Winter
Break is probably the
biggest decision to make
assuming no snow days in
November/December.**

The legislation stipulates when school can't begin before.

However, there may be additional opportunities to consider.

Week	Dates	2018-19 Actual Sample (Y = 40 weeks in; N = 12 weeks out)	2018-19 Adjusted Sample (Y = 40 weeks in; N = 12 weeks out)	2018-19 Modified Sample (20 on; 5 off; still 40/12)
1	8/13-8/17	YES	NO	NO
2	8/20-8/24	YES	YES	YES
3	8/27-8/31	YES	YES	YES
4	9/3-9/7	YES	YES	YES
5	9/10-9/14	YES	YES	YES
6	9/17-9/21	YES	YES	YES
7	9/24-9/28	YES	YES	YES
8	10/1-10/5	YES	YES	YES
9	10/8-10/12	YES	YES	YES
10	10/15-10/19	YES	YES	YES
11	10/22-10/26	YES	YES	YES
12	10/29-11/2	YES	YES	YES
13	11/5-11/9	YES	YES	YES
14	11/12-11/16	YES	YES	YES
15	11/19-11/23	YES	YES	YES
16	11/26-11/30	YES	YES	YES
17	12/3-12/7	YES	YES	YES
18	12/10-12/14	YES	YES	YES
19	12/17-12/21	YES	YES	YES
20	12/24-12/28	NO	NO	NO
21	12/31-1/14	YES	YES	YES
22	1/7-1/11	YES	YES	YES
23	1/14-1/18	YES	YES	NO
24	1/21-1/25	YES	YES	NO
25	1/28-2/1	YES	YES	NO
26	2/4-2/8	YES	YES	NO
27	2/11-2/15	YES	YES	NO
28	2/18-2/22	YES	YES	YES
29	2/25-3/1	YES	YES	YES
30	3/4-3/8	YES	YES	YES
31	3/11-3/15	YES	YES	YES
32	3/18-3/22	YES	YES	YES
33	3/25-3/29	YES	YES	YES
34	4/1-4/5	YES	YES	YES
35	4/8-4/12	YES	YES	YES
36	4/15-4/19	YES	YES	YES
37	4/22-4/26	YES	YES	YES
38	4/29-5/3	YES	YES	YES
39	5/6-5/10	YES	YES	YES
40	5/13-5/17	YES	YES	YES
41	5/20-5/24	YES	YES	YES
42	5/27-5/31	NO	YES	YES
43	6/3-6/7	NO	NO	YES
44	6/10-6/14	NO	NO	YES
45	6/17-6/21	NO	NO	YES
46	6/24-6/28	NO	NO	YES
47	7/1-7/5	NO	NO	YES
48	7/8-7/12	NO	NO	NO
49	7/15-7/19	NO	NO	NO
50	7/22-7/26	NO	NO	NO
51	7/29-8/2	NO	NO	NO
52	8/5-8/9	NO	NO	NO

Not starting earlier than 14 before Labor Day.

1st and 2nd quarters comparable to current models.

Reduce being out for snow and inclement weather.

3rd quarter becomes after President's Day through mid-April.

4th quarter becomes mid-April to 4th of July.

4th of July becomes new Memorial Day equivalent.

Still time for summer vacation.

Potential Considerations

Local

- ❖ 9 weeks on / 2 off
- ❖ Full Fall Week Break
- ❖ Full Thanksgiving Break
- ❖ Finals after Winter Holiday – Semester Break after Finals, possibly near Martin Luther King Jr. Day
- ❖ Spring Break alignment
- ❖ Spring Break extension
- ❖ Year-round schedule
- ❖ Local agreements
- ❖ Length of school day – move away from days to hours

Regional

- ❖ With similar start dates, can quarters consistently end across the region and are there similar off days that could occur.
- ❖ Off for Election Day
- ❖ All start on the first possible Monday
- ❖ Strength in numbers when making changes and adjustments to past practices
- ❖ Implication on state assessment window – will MAP/EOC schedule be adjusted or remain the same