



# Transportation Update

FEBRUARY 21, 2019

TIMBERLANE REGIONAL SCHOOL BOARD

**December 6, 2018**

The Timberlane Regional School Board issued a directive to combine Middle School and High School buses for the 2019-20 school year. New routes were to be provided to the Board by March 1, 2019...

## December 9 to today....

- Analyzed current data and ridership counts
- Held meeting regarding site logistics for HS and MS buildings
- Redesigned all 29 bus routes for HS/MS
- Developed an analysis for the proposed changes
- Held meeting with the Superintendent's Transportation Advisory Committee
- Conducted a survey to Timberlane parents
- Developed an analysis of the data from survey

# Bus Run Time Analysis

		<45 Minutes	46-59 minutes	>60 Minutes										
TRHS (Planned ridership does not include Seniors)														
BUS	Planned Ridership	Actual Ridership	AM	TIME	PM	TIME	ARRIVE ELEM	TRMS Ridership	TRHS Ridership	AM	TIME	PM	TIME	ARRIVE ELEM
	<b>Atkinson</b>													
106	91	26	6:15 - 7:05	50 min	2:10 - 2:50	40 min	3:15	29	42	6:30 - 7:15	45 min	2:10 - 3:10	60 min	3:20
117	67	21	6:17 - 7:03	45 min	2:10 - 2:49	39 min	2:56	39	27	6:42 - 7:15	28 min	2:10 - 2:48	43 min	3:00
118	56	23	6:20 - 7:05	45 min	2:10 - 2:59	49 min	3:09	37	23	6:31 - 7:15	46 min	2:10 - 2:58	48 min	3:10
<b>Danville</b>														
108	63	44	6:18 - 7:01	43 min	2:10 - 2:51	41 min	2:57	25	23	6:27 - 7:15	48 min	2:10 - 3:02	52 min	3:07
109	61	53	6:11 - 7:03	54 min	2:10 - 3:02	52 min	3:07	30	27	6:27 - 7:15	48 min	2:10 - 3:05	55 min	3:16
127	57	34	6:23 - 7:00	37 min	2:10 - 2:50	40 min	2:53	31	34	6:32 - 7:15	43 min	2:10 - 2:54	44 min	3:05
<b>Plaistow</b>														
100	76	35	6:20 - 7:00	40 min	2:10 - 2:53	43 min	3:02	28	24	6:36 - 7:15	39 min	2:10 - 2:51	41 min	2:55
104	79	42	6:18 - 7:00	42 min	2:10 - 2:56	46 min	2:58	35	28	6:31 - 7:15	55 min	2:10 - 3:03	53 min	3:13
124	87	36	6:17 - 7:01	44 min	2:10 - 3:00	40 min	3:10	41	42	6:26 - 7:15	49 min	2:10 - 3:00	50 min	3:10
<b>Sandown</b>														
116	62	29	6:20 - 7:05	45 min	2:10 - 2:59	49 min	3:08	34	38	6:27 - 7:15	53 min	2:10 - 2:58	48 min	3:12
119	68	32	6:11 - 7:06	57 min	2:10 - 2:56	46 min	3:05	41	25	6:31 - 7:15	44 min	2:10 - 2:59	49 min	3:10
128	55	33	6:10 - 7:02	52 min	2:10 - 3:03	53 min	3:05	32	31	6:16 - 7:15	61 min	2:10 - 3:05	55 min	3:17
132	81	41	6:07 - 7:09	56 min	2:10 - 3:12	62 min	3:14 SC	29	24	6:29 - 7:15	46 min	2:10 - 2:52	42 min	3:05 SC
<b>TOTAL</b>	<b>903</b>	<b>449</b>						<b>431</b>	<b>388</b>					

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		<45 Minutes	46-60 minutes	>60 Minutes											
TRMS															
2019	BUS	Planned Ridership	Actual Ridership	AM	TIME	PM	TIME	ARRIVE ELEM	TRMS Ridership	TRHS Ridership	AM	TIME	PM	TIME	ARRIVE ELEM
			Atkinson												
	103*	69	51	6:45 - 7:17	32 min	2:20 - 2:57	37 min	3:12	29	18	6:33 - 7:15	37 min	2:10 - 2:58	48 min	3:15 PS
	107	53	44	6:26 - 7:20	51 min	2:20 - 3:10	50 min	3:16	31	34	6:17 - 7:15	58 min	2:10 - 3:19	54 min	3:30
	112	44	25	6:35 - 7:15	40 min	2:20 - 2:52	32 min	3:09	16	38	6:27 - 7:15	48 min	2:10 - 3:07	57 min	3:22
	126	52	34	6:32 - 7:16	44 min	2:20 - 3:05	45 min	3:12	35	28	6:25 - 7:15	50 min	2:10 - 2:57	47 min	3:10
	Danville														
	120*	44	29	6:25 - 7:15	50 min	2:20 - 3:04	44 min	3:09	20	35	6:21 - 7:15	54 min	2:10 - 3:16	66 min	3:21
	131	53	42	6:26 - 7:15	51 min	2:20 - 3:08	48 min	3:13	24	26	6:26 - 7:15	49 min	2:10 - 3:09	59 min	3:16
	135	37	28	6:30 - 7:15	45 min	2:20 - 3:05	45 min	3:17 SC	18	23	6:26 - 7:15	49 min	2:10 - 2:59	49 min	3:10 SC
	Plaistow														
	101	59	55	6:40 - 7:16	36 min	2:20 - 2:59	39 min	3:05	28	39	6:38 - 7:15	37 min	2:10 - 2:51	41 min	3:05
	102	61	39	6:30 - 7:15	45 min	2:20 - 3:05	45 min	3:15	32	38	6:30 - 7:15	45 min	2:10 - 2:58	48 min	3:10
	123	63	38	6:40 - 7:19	39 min	2:20 - 2:58	48 min	3:05	31	33	6:35 - 7:15	40 min	2:10 - 2:50	40 min	3:00
	130	58	47	6:40 - 7:20	40 min	2:20 - 2:59	49 min	3:07	43	49	6:28 - 7:15	47 min	2:10 - 3:05	55 min	3:12
	Sandown														
	110	65	46	6:22 - 7:17	55 min	2:20 - 3:10	50 min	3:16	27	29	6:24 - 7:15	51 min	2:10 - 2:58	48 min	3:08
	114 **	54	45	6:21 - 7:18	57 min	2:20 - 3:15	55 min	3:20 SC	27	13	6:37 - 7:15	38 min	2:10 - 2:53	43 min	3:05 SC
	121	54	56	6:26 - 7:16	50 min	2:20 - 3:09	49 min	3:13	25	35	6:26 - 7:15	49 min	2:10 - 3:03	53 min	3:10
	137	59	44	6:32 - 7:20	48 min	2:20 - 3:09	49 min	3:10	36	29	6:20 - 7:15	55 min	2:10 - 3:09	59 min	3:10
	138	59	48	6:19 - 7:15	56 min	2:20 - 3:13	53 min	3:16	28	31	6:19 - 7:15	54 min	2:10 - 3:05	55 min	3:08
	TOTAL	884	623						450	498					

\*Also stop at Sandown \*\*Also stops in Danville

# Time Savings Analysis

Time Increase

Time Savings

TRHS (Planned ridership does not include Seniors)

BUS	Planned Ridership	Actual Ridership	AM	TIME	PM	TIME	ARRIVE ELEM	TRMS Ridership	TRHS Ridership	AM	TIME	PM	TIME	ARRIVE ELEM
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109	61	53	6:11 - 7:03	54	2:10 - 3:02	52	3:07	30	27	6:27 - 7:15	48	2:10 - 3:05	55	3:16
127	57	34	6:23 - 7:00	37	2:10 - 2:50	40	2:53	31	34	6:32 - 7:15	43	2:10 - 2:54	44	3:05
<b>Plaistow</b>														
100	76	35	6:20 - 7:00	40	2:10 - 2:53	43	3:02	28	24	6:36 - 7:15	39	2:10 - 2:51	41	2:55
104	79	42	6:18 - 7:00	42	2:10 - 2:56	46	2:58	35	28	6:31 - 7:15	55	2:10 - 3:03	53	3:13
124	87	36	6:17 - 7:01	44	2:10 - 3:00	40	3:10	41	42	6:26 - 7:15	49	2:10 - 3:00	50	3:10
<b>Sandown</b>														
116	62	29	6:20 - 7:05	45	2:10 - 2:59	49	3:08	34	38	6:27 - 7:15	53	2:10 - 2:58	48	3:12
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128	55	33	6:10 - 7:02	52	2:10 - 3:03	53	3:05	32	31	6:16 - 7:15	61	2:10 - 3:05	55	3:17
132	81	41	6:07 - 7:09	56	2:10 - 3:12	62	3:14	29	24	6:29 - 7:15	46	2:10 - 2:52	42	3:05
<b>TOTAL</b>	<b>903</b>	<b>449</b>						<b>431</b>	<b>388</b>					

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Time Increase

Time Savings

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131	53	42	6:26 - 7:15	51	2:20 - 3:08	48	3:13	24	26	6:26 - 7:15	49	2:10 - 3:09	59	3:16
135	37	28	6:30 - 7:15	45	2:20 - 3:05	45	3:17 SC	18	23	6:26 - 7:15	49	2:10 - 2:59	49	3:10 SC
<b>Plaistow</b>														
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102	61	39	6:30 - 7:15	45	2:20 - 3:05	45	3:15	32	38	6:30 - 7:15	45	2:10 - 2:58	48	3:10
123	63	38	6:40 - 7:19	39	2:20 - 2:58	48	3:05	31	33	6:35 - 7:15	40	2:10 - 2:50	40	3:00
130	58	47	6:40 - 7:20	40	2:20 - 2:59	49	3:07	43	49	6:28 - 7:15	47	2:10 - 3:05	55	3:12
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138	59	48	6:19 - 7:15	56	2:20 - 3:13	53	3:16	28	31	6:19 - 7:15	54	2:10 - 3:05	55	3:08
<b>TOTAL</b>	<b>884</b>	<b>623</b>						<b>450</b>	<b>498</b>					

\*Also stops in Plaistow    \*\* Also stops in Danville

## Bus Route Impact Summary

Number of Bus Routes w/ Time Savings (Morning)	Number of Bus Routes w/ Time Increases (Morning)*
8	20

*\*One bus had no change in time.*

Number of Bus Routes w/ Time Savings (Afternoon)	Number of Bus Routes w/ Time Increases (Afternoon)
8	21

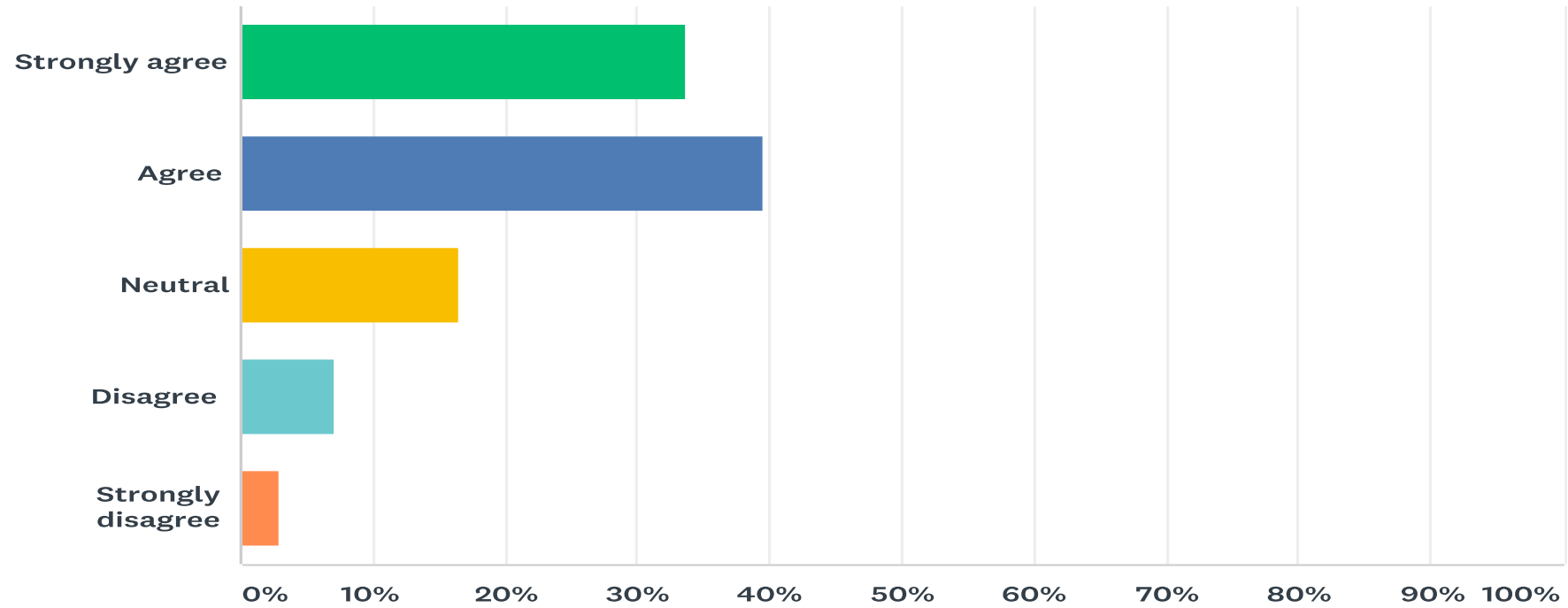
## Student Impact Summary

<b>Number of Students Impacted by Time Savings (Morning)</b>	<b>Number of Students Impacted by Time Increases (Morning)</b>
348	1236
<b>Number of Students Impacted by Time Savings (Afternoon)</b>	<b>Number of Students Impacted by Time Increases (Afternoon)</b>
463	1304

# Transportation Survey Results

# Q1 My child's school bus is consistently on time in the morning.

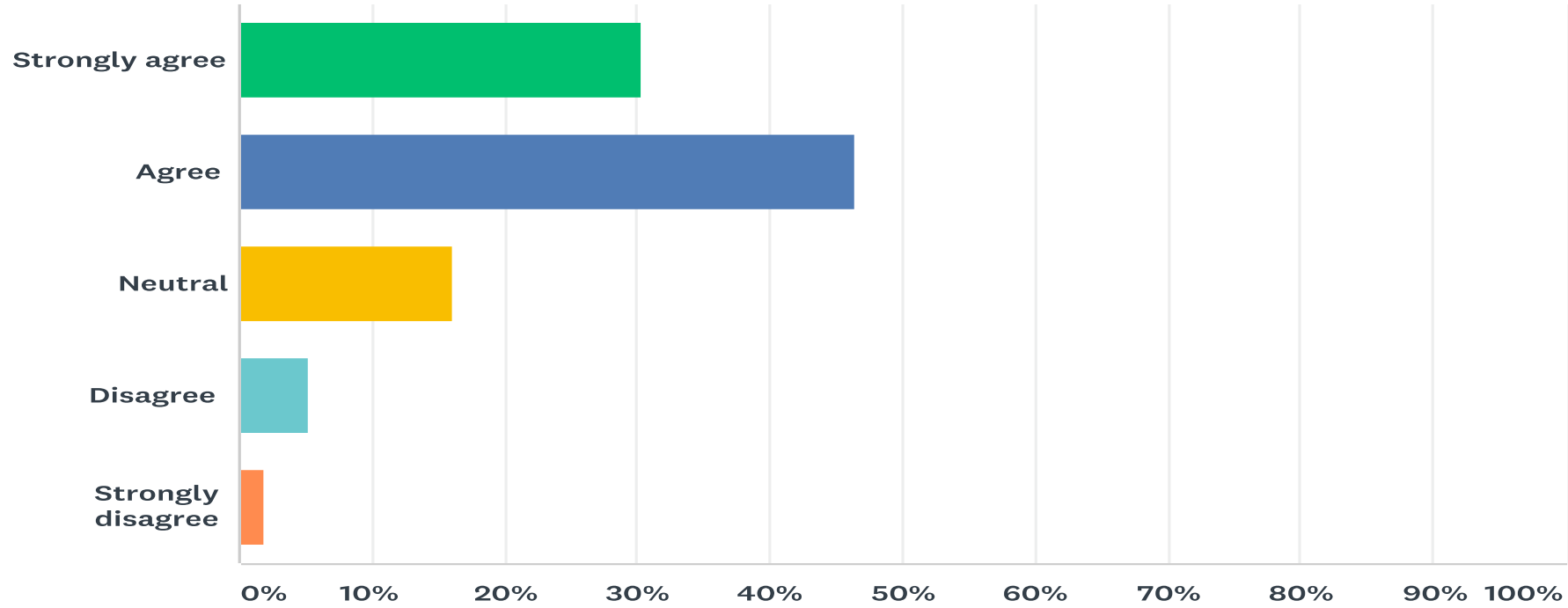
Answered: 942 Skipped: 0



ANSWER CHOICES	RESPONSES	
Strongly agree	33.76%	318
Agree	39.60%	373
Neutral	16.56%	156
Disagree	7.11%	67
Strongly disagree	2.97%	28
<b>TOTAL</b>		<b>942</b>

# Q2 My child's school bus is consistently on time in the afternoon.

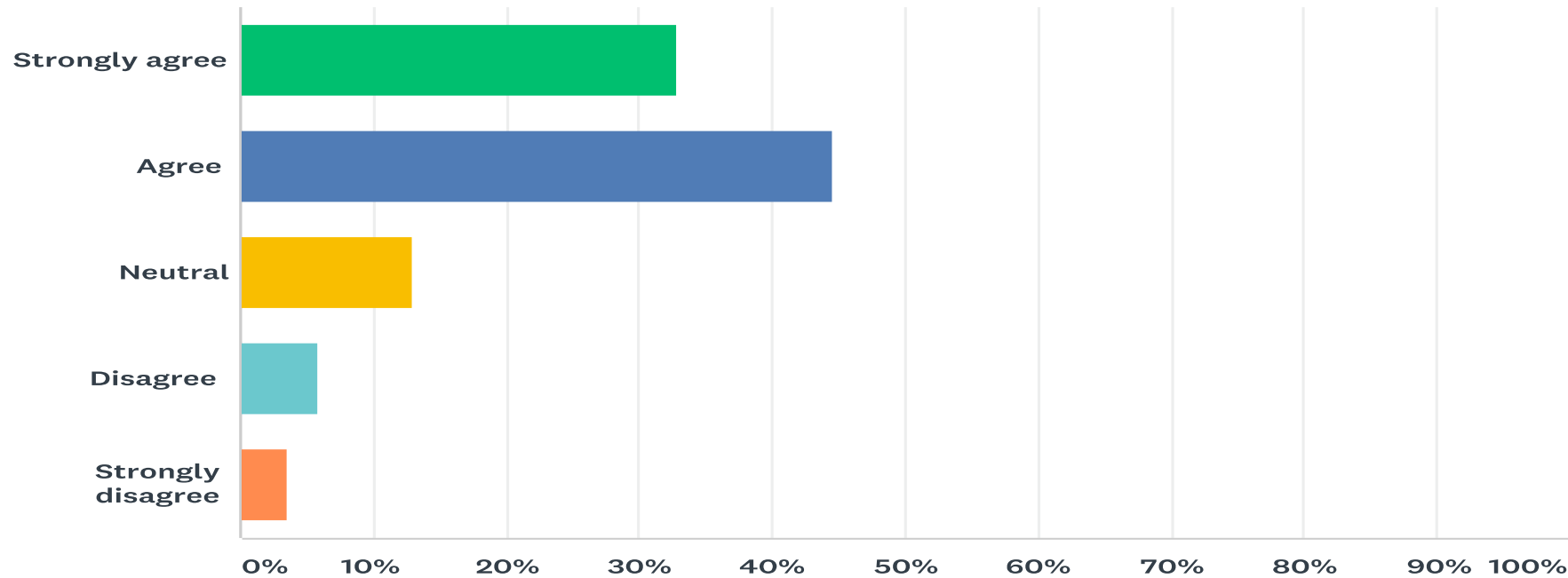
Answered: 942 Skipped: 0



ANSWER CHOICES	RESPONSES	
Strongly agree	30.36%	286
Agree	46.50%	438
Neutral	16.14%	152
Disagree	5.20%	49
Strongly disagree	1.80%	17
<b>TOTAL</b>		<b>942</b>

# Q3 Overall, I am satisfied with my child's bus transportation services to and from school.

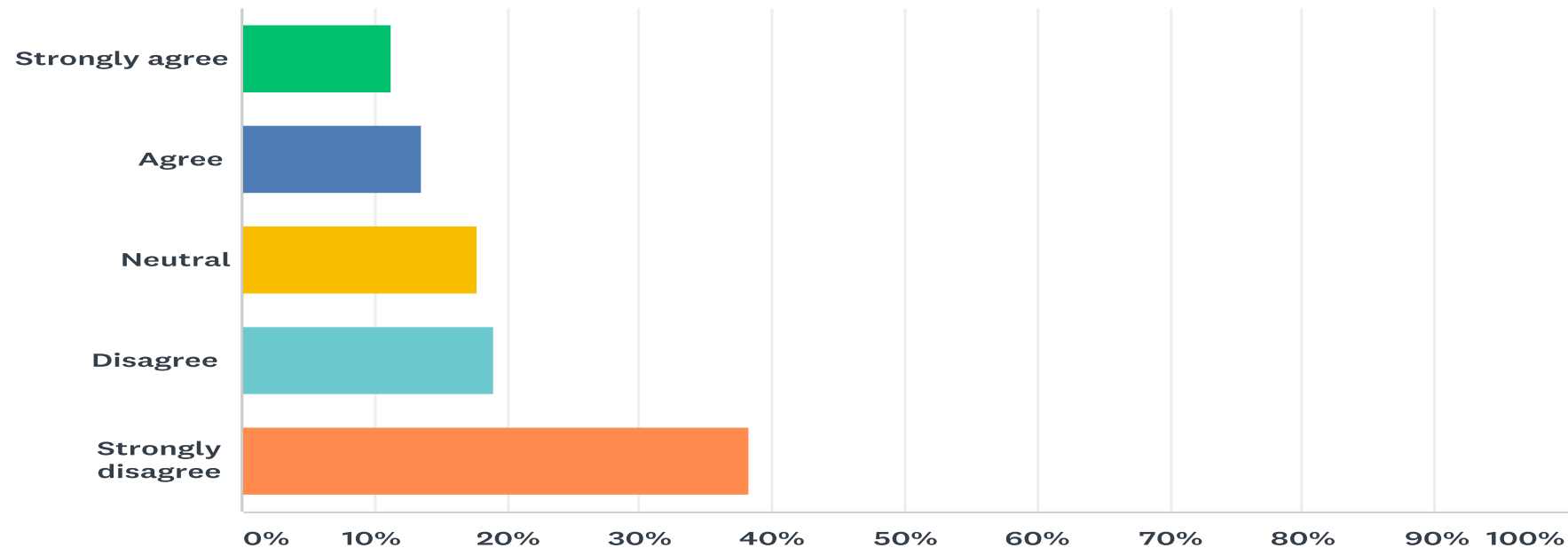
Answered: 942 Skipped: 0



ANSWER CHOICES	RESPONSES	
Strongly agree	32.91%	310
Agree	44.59%	420
Neutral	13.06%	123
Disagree	5.84%	55
Strongly disagree	3.61%	34
<b>TOTAL</b>		<b>942</b>

**Q4 Currently, Middle School and High School students ride on separate buses. The Timberlane Regional School Board is considering combining Middle School students and High School students on the same bus. I support this change.**

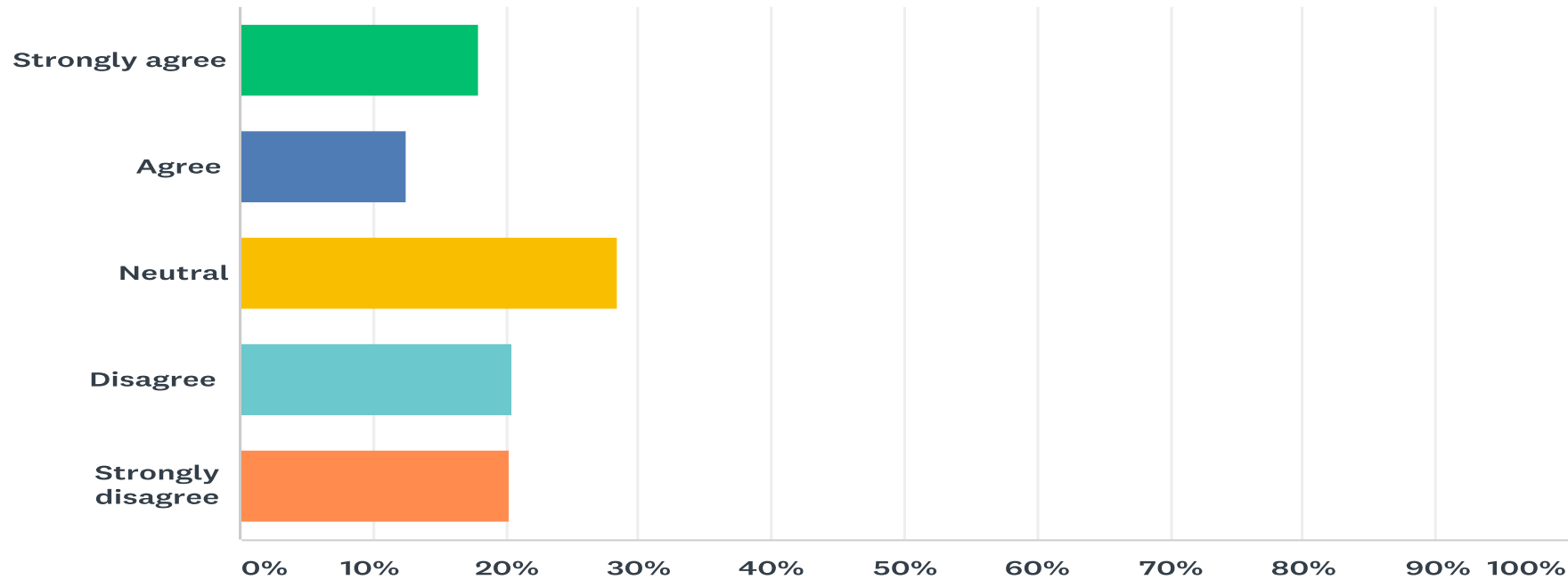
Answered: 942 Skipped: 0



ANSWER CHOICES	RESPONSES	
Strongly agree	11.25%	106
Agree	13.69%	129
Neutral	17.83%	168
Disagree	19.00%	179
Strongly disagree	38.22%	360
<b>TOTAL</b>		<b>942</b>

# Q5 I will elect to drive my student to school due to combining the Middle School students and High School students on the same bus.

Answered: 942 Skipped: 0



ANSWER CHOICES	RESPONSES
Strongly agree	18.05% 170
Agree	12.53% 118
Neutral	28.45% 268
Disagree	20.59% 194
Strongly disagree	20.38% 192
<b>TOTAL</b>	<b>942</b>

## **Recommendation from the Superintendent's Transportation Advisory Committee**

It is our recommendation that the current Middle School and High School home to school bus transportation routes remain intact in their current state, with Middle School and High School on separate buses. We make this recommendation based on the following:

- More students district-wide would be negatively impacted due to longer bus runs than those who would benefit from shorter runs.
- More buses would arrive later to the elementary schools creating issues at the elementary level.
- Site logistics – loading buses would add extra time and traffic concerns.
- Staff duty coverage – impacts CBAs. We will need staff coverage in the AM and PM