

SUPPLEMENTARY TABLE 1. Comparison of attributes of respiratory syncytial virus (RSV) seasonality by method of determination* and by U.S. Department of Health and Human Services (HHS) Region[†] and in Florida — National Respiratory and Enteric Virus Surveillance System, July 2017–February 2023[§]

Season	Method	Onset week (month)	Offset week (month)	Peak week (month)	Epidemic duration, weeks [¶]	% of annual detections in epidemic period ^{**}
National						
2017-18	10FB	43 (Oct)	17 (Apr)	5 (Feb)	27	96
2017-18	3%	42 (Oct)	16 (Apr)	51 (Dec)	27	96
2017-18	5%	45 (Nov)	14 (Apr)	51 (Dec)	22	91
2017-18	RS10	41 (Oct)	18 (May)	4 (Jan)	30	97
2018-19	10FB	43 (Oct)	16 (Apr)	1 (Jan)	26	94
2018-19	3%	41 (Oct)	16 (Apr)	51 (Dec)	28	95
2018-19	5%	44 (Nov)	13 (Mar)	51 (Dec)	22	89
2018-19	RS10	40 (Oct)	18 (May)	1 (Jan)	31	97
2019-20	10FB	44 (Nov)	13 (Mar)	1 (Jan)	22	94
2019-20	3%	42 (Oct)	12 (Mar)	51 (Dec)	23	95
2019-20	5%	43 (Oct)	10 (Mar)	51 (Dec)	20	89
2019-20	RS10	39 (Sep)	15 (Apr)	1 (Jan)	29	98
2021-22	10FB	20 (May)	8 (Feb)	39 (Oct)	41	98
2021-22	3%	21 (May)	1 (Jan)	30 (Jul)	33	92
2021-22	5%	24 (Jun)	50 (Dec)	30 (Jul)	27	82
2021-22	RS10	18 (May)	8 (Feb)	39 (Oct)	43	99
2022-23	10FB	39 (Oct)	52 (Dec)	45 (Nov)	14	75
2022-23	3%	24 (Jun)	3 (Jan)	44 (Nov)	32	92
2022-23	5%	36 (Sep)	52 (Dec)	44 (Nov)	17	79
2022-23	RS10	35 (Sep)	3 (Jan)	45 (Nov)	21	85
Region 1 (Boston)						
2017-18	10FB	42 (Oct)	20 (May)	6 (Feb)	31	99
2017-18	3%	44 (Nov)	17 (Apr)	52 (Dec)	26	97
2017-18	5%	46 (Nov)	14 (Apr)	52 (Dec)	21	92
2017-18	RS10	41 (Oct)	20 (May)	5 (Feb)	32	99
2018-19	10FB	43 (Oct)	20 (May)	2 (Jan)	30	98
2018-19	3%	45 (Nov)	15 (Apr)	52 (Dec)	23	94
2018-19	5%	46 (Nov)	13 (Mar)	52 (Dec)	20	90
2018-19	RS10	43 (Oct)	18 (May)	1 (Jan)	28	97
2019-20	10FB	44 (Nov)	14 (Apr)	2 (Jan)	23	97
2019-20	3%	44 (Nov)	12 (Mar)	52 (Dec)	21	96
2019-20	5%	46 (Nov)	10 (Mar)	52 (Dec)	17	88
2019-20	RS10	42 (Oct)	14 (Apr)	52 (Dec)	25	98
2021-22	10FB	17 (May)	8 (Feb)	38 (Sep)	44	100
2021-22	3%	25 (Jun)	51 (Dec)	36 (Sep)	27	90
2021-22	5%	26 (Jul)	49 (Dec)	36 (Sep)	24	84
2021-22	RS10	25 (Jun)	6 (Feb)	37 (Sep)	34	98
2022-23	10FB	39 (Oct)	2 (Jan)	45 (Nov)	16	84
2022-23	3%	35 (Sep)	50 (Dec)	44 (Nov)	16	81
2022-23	5%	38 (Sep)	49 (Dec)	44 (Nov)	12	75
2022-23	RS10	37 (Sep)	2 (Jan)	46 (Nov)	18	87
Region 2 (New York)						
2017-18	10FB	45 (Nov)	11 (Mar)	1 (Jan)	19	89
2017-18	3%	43 (Oct)	13 (Mar)	1 (Jan)	23	93
2017-18	5%	44 (Nov)	6 (Feb)	1 (Jan)	15	78
2017-18	RS10	42 (Oct)	15 (Apr)	1 (Jan)	26	95
2018-19	10FB	43 (Oct)	19 (May)	1 (Jan)	29	96

2018-19	3%	44 (Nov)	13 (Mar)	51 (Dec)	22	89
2018-19	5%	46 (Nov)	8 (Feb)	51 (Dec)	15	74
2018-19	RS10	40 (Oct)	20 (May)	51 (Dec)	33	97
2019-20	10FB	45 (Nov)	10 (Mar)	1 (Jan)	18	87
2019-20	3%	43 (Oct)	10 (Mar)	49 (Dec)	20	90
2019-20	5%	44 (Nov)	5 (Feb)	49 (Dec)	14	75
2019-20	RS10	38 (Sep)	13 (Mar)	1 (Jan)	28	97
2021-22	10FB	29 (Jul)	2 (Jan)	39 (Oct)	26	87
2021-22	3%	30 (Jul)	50 (Dec)	39 (Oct)	21	78
2021-22	5%	34 (Aug)	46 (Nov)	39 (Oct)	13	57
2021-22	RS10	12 (Mar)	8 (Feb)	39 (Oct)	49	100
2022-23	10FB	41 (Oct)	52 (Dec)	46 (Nov)	12	71
2022-23	3%	38 (Sep)	51 (Dec)	45 (Nov)	14	74
2022-23	5%	41 (Oct)	48 (Dec)	45 (Nov)	8	58
2022-23	RS10	36 (Sep)	4 (Jan)	45 (Nov)	21	84
Region 3 (Philadelphia)						
2017-18	10FB	41 (Oct)	16 (Apr)	2 (Jan)	28	96
2017-18	3%	42 (Oct)	14 (Apr)	52 (Dec)	25	94
2017-18	5%	42 (Oct)	10 (Mar)	52 (Dec)	21	88
2017-18	RS10	40 (Oct)	16 (Apr)	52 (Dec)	29	96
2018-19	10FB	43 (Oct)	18 (May)	52 (Dec)	28	97
2018-19	3%	43 (Oct)	13 (Mar)	49 (Dec)	23	93
2018-19	5%	44 (Nov)	8 (Feb)	49 (Dec)	17	84
2018-19	RS10	42 (Oct)	15 (Apr)	51 (Dec)	26	95
2019-20	10FB	43 (Oct)	14 (Apr)	1 (Jan)	24	97
2019-20	3%	43 (Oct)	9 (Feb)	1 (Jan)	19	90
2019-20	5%	45 (Nov)	6 (Feb)	1 (Jan)	14	81
2019-20	RS10	42 (Oct)	14 (Apr)	1 (Jan)	25	98
2021-22	10FB	24 (Jun)	5 (Feb)	38 (Sep)	34	96
2021-22	3%	24 (Jun)	52 (Jan)	34 (Aug)	29	92
2021-22	5%	26 (Jul)	48 (Dec)	34 (Aug)	23	80
2021-22	RS10	24 (Jun)	3 (Jan)	38 (Sep)	32	95
2022-23	10FB	33 (Aug)	2 (Jan)	44 (Nov)	22	86
2022-23	3%	23 (Jun)	3 (Jan)	42 (Oct)	33	95
2022-23	5%	30 (Jul)	50 (Dec)	42 (Oct)	21	84
2022-23	RS10	36 (Sep)	51 (Dec)	44 (Nov)	16	79
Region 4 (Atlanta)						
2017-18	10FB	43 (Oct)	13 (Mar)	1 (Jan)	23	88
2017-18	3%	40 (Oct)	14 (Apr)	51 (Dec)	27	92
2017-18	5%	43 (Oct)	10 (Mar)	51 (Dec)	20	84
2017-18	RS10	39 (Sep)	18 (May)	51 (Dec)	32	95
2018-19	10FB	42 (Oct)	10 (Mar)	52 (Dec)	21	84
2018-19	3%	38 (Sep)	13 (Mar)	52 (Dec)	28	92
2018-19	5%	41 (Oct)	7 (Feb)	52 (Dec)	19	81
2018-19	RS10	36 (Sep)	18 (May)	1 (Jan)	35	96
2019-20	10FB	44 (Nov)	2 (Jan)	48 (Nov)	11	68
2019-20	3%	38 (Sep)	9 (Feb)	48 (Nov)	24	92
2019-20	5%	40 (Oct)	5 (Feb)	48 (Nov)	18	84
2019-20	RS10	37 (Sep)	12 (Mar)	48 (Nov)	28	96
2021-22	10FB	21 (May)	43 (Oct)	32 (Aug)	23	69
2021-22	3%	14 (Apr)	47 (Nov)	30 (Jul)	34	86
2021-22	5%	18 (May)	43 (Oct)	30 (Jul)	26	74
2021-22	RS10	10 (Mar)	4 (Jan)	32 (Aug)	47	99
2022-23	10FB	23 (Jun)	51 (Dec)	39 (Oct)	29	87

2022-23	3%	21 (May)	50 (Dec)	40 (Oct)	30	89
2022-23	5%	34 (Aug)	47 (Nov)	40 (Oct)	14	63
2022-23	RS10	16 (Apr)	7 (Feb)	38 (Sep)	44	98
Region 5 (Chicago)						
2017-18	10FB	43 (Oct)	19 (May)	2 (Jan)	29	97
2017-18	3%	44 (Nov)	17 (Apr)	50 (Dec)	26	95
2017-18	5%	45 (Nov)	14 (Apr)	50 (Dec)	22	91
2017-18	RS10	41 (Oct)	20 (May)	2 (Jan)	32	98
2018-19	10FB	42 (Oct)	17 (Apr)	1 (Jan)	28	96
2018-19	3%	41 (Oct)	12 (Mar)	1 (Jan)	24	92
2018-19	5%	44 (Nov)	9 (Mar)	1 (Jan)	18	84
2018-19	RS10	40 (Oct)	17 (Apr)	1 (Jan)	30	97
2019-20	10FB	44 (Nov)	14 (Apr)	1 (Jan)	23	95
2019-20	3%	42 (Oct)	11 (Mar)	51 (Dec)	22	93
2019-20	5%	44 (Nov)	7 (Feb)	51 (Dec)	16	82
2019-20	RS10	42 (Oct)	14 (Apr)	1 (Jan)	25	97
2021-22	10FB	20 (May)	8 (Feb)	39 (Oct)	41	100
2021-22	3%	24 (Jun)	49 (Dec)	33 (Aug)	26	86
2021-22	5%	26 (Jul)	48 (Dec)	33 (Aug)	23	83
2021-22	RS10	24 (Jun)	8 (Feb)	40 (Oct)	37	99
2022-23	10FB	39 (Oct)	52 (Dec)	45 (Nov)	14	82
2022-23	3%	32 (Aug)	2 (Jan)	44 (Nov)	23	90
2022-23	5%	36 (Sep)	51 (Dec)	44 (Nov)	16	84
2022-23	RS10	35 (Sep)	4 (Jan)	44 (Nov)	22	90
Region 6 (Dallas)						
2017-18	10FB	43 (Oct)	14 (Apr)	1 (Jan)	24	94
2017-18	3%	40 (Oct)	17 (Apr)	48 (Dec)	30	97
2017-18	5%	42 (Oct)	13 (Mar)	48 (Dec)	24	94
2017-18	RS10	39 (Sep)	17 (Apr)	52 (Dec)	31	97
2018-19	10FB	42 (Oct)	13 (Mar)	51 (Dec)	24	92
2018-19	3%	40 (Oct)	13 (Mar)	47 (Nov)	26	94
2018-19	5%	41 (Oct)	9 (Mar)	47 (Nov)	21	88
2018-19	RS10	39 (Sep)	17 (Apr)	51 (Dec)	31	96
2019-20	10FB	42 (Oct)	12 (Mar)	50 (Dec)	23	95
2019-20	3%	40 (Oct)	11 (Mar)	48 (Nov)	24	95
2019-20	5%	41 (Oct)	8 (Feb)	48 (Nov)	20	89
2019-20	RS10	39 (Sep)	14 (Apr)	49 (Dec)	28	98
2021-22	10FB	18 (May)	8 (Feb)	30 (Jul)	43	100
2021-22	3%	20 (May)	1 (Jan)	28 (Jul)	34	96
2021-22	5%	21 (May)	51 (Dec)	28 (Jul)	31	92
2021-22	RS10	17 (May)	8 (Feb)	30 (Jul)	44	100
2022-23	10FB	39 (Oct)	50 (Dec)	45 (Nov)	12	58
2022-23	3%	17 (Apr)	3 (Jan)	41 (Oct)	39	95
2022-23	5%	19 (May)	1 (Jan)	41 (Oct)	35	93
2022-23	RS10	18 (May)	3 (Jan)	45 (Nov)	38	95
Region 7 (Kansas City)						
2017-18	10FB	45 (Nov)	22 (Jun)	6 (Feb)	30	98
2017-18	3%	46 (Nov)	20 (May)	7 (Feb)	27	97
2017-18	5%	49 (Dec)	17 (Apr)	7 (Feb)	21	93
2017-18	RS10	45 (Nov)	19 (May)	5 (Feb)	27	97
2018-19	10FB	46 (Nov)	19 (May)	2 (Jan)	26	97
2018-19	3%	46 (Nov)	18 (May)	52 (Dec)	25	97
2018-19	5%	48 (Dec)	16 (Apr)	52 (Dec)	21	94
2018-19	RS10	45 (Nov)	18 (May)	3 (Jan)	26	97

2019-20	10FB	43 (Oct)	14 (Apr)	52 (Dec)	24	97
2019-20	3%	43 (Oct)	13 (Mar)	51 (Dec)	23	97
2019-20	5%	43 (Oct)	10 (Mar)	51 (Dec)	20	93
2019-20	RS10	42 (Oct)	13 (Mar)	51 (Dec)	24	97
2021-22	10FB	15 (Apr)	8 (Feb)	36 (Sep)	46	100
2021-22	3%	21 (May)	51 (Dec)	33 (Aug)	31	91
2021-22	5%	25 (Jun)	48 (Dec)	33 (Aug)	24	81
2021-22	RS10	19 (May)	5 (Feb)	35 (Sep)	39	98
2022-23	10FB	37 (Sep)	2 (Jan)	46 (Nov)	18	87
2022-23	3%	36 (Sep)	2 (Jan)	44 (Nov)	19	88
2022-23	5%	38 (Sep)	51 (Dec)	44 (Nov)	14	80
2022-23	RS10	35 (Sep)	3 (Jan)	46 (Nov)	21	89
Region 8 (Denver)						
2017-18	10FB	46 (Nov)	19 (May)	7 (Feb)	26	98
2017-18	3%	48 (Dec)	17 (Apr)	7 (Feb)	22	96
2017-18	5%	50 (Dec)	16 (Apr)	7 (Feb)	19	93
2017-18	RS10	45 (Nov)	19 (May)	5 (Feb)	27	98
2018-19	10FB	45 (Nov)	22 (Jun)	7 (Feb)	30	99
2018-19	3%	48 (Dec)	18 (May)	5 (Feb)	23	97
2018-19	5%	50 (Dec)	16 (Apr)	5 (Feb)	19	94
2018-19	RS10	48 (Dec)	18 (May)	5 (Feb)	23	97
2019-20	10FB	46 (Nov)	16 (Apr)	6 (Feb)	23	98
2019-20	3%	46 (Nov)	14 (Apr)	4 (Jan)	21	97
2019-20	5%	48 (Nov)	13 (Mar)	4 (Jan)	18	94
2019-20	RS10	45 (Nov)	16 (Apr)	4 (Jan)	24	98
2021-22	10FB	24 (Jun)	8 (Feb)	47 (Nov)	37	99
2021-22	3%	26 (Jul)	1 (Jan)	39 (Oct)	28	92
2021-22	5%	28 (Jul)	51 (Dec)	39 (Oct)	24	85
2021-22	RS10	25 (Jun)	8 (Feb)	45 (Nov)	36	99
2022-23	10FB	41 (Oct)	4 (Jan)	47 (Nov)	16	86
2022-23	3%	39 (Oct)	5 (Feb)	45 (Nov)	19	90
2022-23	5%	40 (Oct)	4 (Jan)	45 (Nov)	17	87
2022-23 ^{††}	RS10	37 (Sep)	N/A	46 (Nov)	24	93
Region 9 (San Francisco)						
2017-18	10FB	44 (Nov)	18 (May)	6 (Feb)	27	98
2017-18	3%	47 (Nov)	16 (Apr)	6 (Feb)	22	97
2017-18	5%	48 (Dec)	14 (Apr)	6 (Feb)	19	94
2017-18	RS10	46 (Nov)	16 (Apr)	6 (Feb)	23	97
2018-19	10FB	45 (Nov)	21 (May)	7 (Feb)	29	99
2018-19	3%	48 (Dec)	17 (Apr)	6 (Feb)	22	97
2018-19	5%	50 (Dec)	14 (Apr)	6 (Feb)	17	91
2018-19	RS10	47 (Nov)	18 (May)	6 (Feb)	24	98
2019-20	10FB	44 (Nov)	15 (Apr)	6 (Feb)	24	98
2019-20	3%	47 (Nov)	13 (Mar)	1 (Jan)	19	96
2019-20	5%	48 (Nov)	12 (Mar)	1 (Jan)	17	94
2019-20	RS10	44 (Nov)	14 (Apr)	5 (Feb)	23	98
2021-22	10FB	21 (May)	8 (Feb)	50 (Dec)	40	100
2021-22	3%	29 (Jul)	6 (Feb)	49 (Dec)	30	98
2021-22	5%	29 (Jul)	3 (Jan)	49 (Dec)	27	93
2021-22	RS10	28 (Jul)	8 (Feb)	50 (Dec)	33	99
2022-23	10FB	40 (Oct)	3 (Jan)	46 (Nov)	16	87
2022-23	3%	37 (Sep)	4 (Jan)	45 (Nov)	20	91
2022-23	5%	39 (Oct)	2 (Jan)	45 (Nov)	16	87
2022-23	RS10	37 (Sep)	7 (Feb)	45 (Nov)	23	94

Region 10 (Seattle)						
2017-18	10FB	41 (Oct)	21 (May)	5 (Feb)	33	99
2017-18	3%	47 (Nov)	15 (Apr)	4 (Jan)	21	96
2017-18	5%	48 (Dec)	15 (Apr)	4 (Jan)	20	95
2017-18	RS10	46 (Nov)	16 (Apr)	4 (Jan)	23	97
2018-19	10FB	50 (Dec)	16 (Apr)	6 (Feb)	19	90
2018-19	3%	47 (Nov)	17 (Apr)	6 (Feb)	23	95
2018-19	5%	50 (Dec)	14 (Apr)	6 (Feb)	17	87
2018-19	RS10	46 (Nov)	18 (May)	5 (Feb)	25	96
2019-20	10FB	46 (Nov)	14 (Apr)	2 (Jan)	21	97
2019-20	3%	46 (Nov)	12 (Mar)	52 (Dec)	19	95
2019-20	5%	47 (Nov)	11 (Mar)	52 (Dec)	17	92
2019-20	RS10	44 (Nov)	15 (Apr)	52 (Dec)	24	99
2021-22	10FB	22 (Jun)	8 (Feb)	51 (Dec)	39	100
2021-22	3%	34 (Aug)	5 (Feb)	50 (Dec)	24	94
2021-22	5%	39 (Oct)	1 (Jan)	50 (Dec)	15	79
2021-22	RS10	30 (Jul)	8 (Feb)	50 (Dec)	31	99
2022-23	10FB	41 (Oct)	3 (Jan)	47 (Nov)	15	85
2022-23	3%	39 (Oct)	5 (Feb)	45 (Nov)	19	90
2022-23	5%	40 (Oct)	3 (Jan)	45 (Nov)	16	87
2022-23 ^{††}	RS10	38 (Sep)	N/A	46 (Nov)	23	93
Florida						
2017-18	10FB	45 (Nov)	4 (Jan)	1 (Jan)	12	53
2017-18	3%	32 (Aug)	9 (Mar)	46 (Nov)	30	87
2017-18	5%	39 (Sep)	4 (Jan)	46 (Nov)	18	69
2017-18	RS10	31 (Aug)	16 (Apr)	1 (Jan)	38	94
2018-19 ^{††}	10FB	N/A	N/A	47 (Nov)	N/A	N/A
2018-19	3%	29 (Jul)	13 (Mar)	45 (Nov)	37	91
2018-19	5%	34 (Aug)	3 (Jan)	45 (Nov)	22	71
2018-19	RS10	27 (Jul)	23 (Jun)	47 (Nov)	49	99
2019-20 ^{††}	10FB	N/A	N/A	48 (Nov)	N/A	N/A
2019-20	3%	33 (Aug)	7 (Feb)	48 (Nov)	27	88
2019-20	5%	38 (Sep)	3 (Jan)	48 (Nov)	18	73
2019-20	RS10	35 (Aug)	7 (Feb)	48 (Nov)	25	85
2021-22	10FB	18 (May)	20 (May)	18 (May)	3	14
2021-22	3%	12 (Mar)	49 (Dec)	23 (Jun)	38	90
2021-22	5%	12 (Mar)	32 (Aug)	23 (Jun)	21	67
2021-22	RS10	10 (Mar)	1 (Jan)	19 (May)	44	96
2022-23	10FB	21 (May)	29 (Jul)	23 (Jun)	9	31
2022-23	3%	18 (May)	3 (Jan)	40 (Oct)	38	90
2022-23	5%	22 (Jun)	1 (Jan)	40 (Oct)	32	77
2022-23	RS10	12 (Mar)	3 (Jan)	22 (Jun)	44	97

Abbreviations: 10FB = 10-fold baseline method; RS10 = retrospective slope 10 method

* “3%” and “5%” refer to methods that define epidemic onset as the first of 2 consecutive weeks when the weekly percentage of tests positive for RSV was $\geq 3\%$ and 5% , respectively. RS10 normalizes weekly detections to peak detections and defines the season onset as the second of 2 consecutive weeks when the slope of the epidemic curve exceeded 10 normalized detections per week, provided that the slope exceeded 10 from that week forward. 10FB compares RSV detections in a given week to those at the preseason baseline (week 29 in pre-pandemic years and the minimum number of weekly pre-epidemic detections in the 2021-22 and 2022-23 seasons). These methods are described in Midgley CM, Haynes AK, Baumgardner JL, et al. Determining the seasonality of respiratory syncytial virus in the United States: the impact of increased molecular testing. *J Infect Dis* 2017;216:345–55.

[†] Listed by U.S. Department Health and Human Services region number and headquarters city (see <https://www.hhs.gov/about/agencies/iea/regional-offices/index.html>). Data from Alaska, Florida, and Hawaii were excluded from their respective regions.

[§] Because the typical seasonal RSV epidemic was notably absent in the 2020-21 surveillance year, data from this surveillance year are not shown. Surveillance years are defined based on troughs in RSV circulation. In 2017-2020, surveillance years begin in epidemiologic week 27 (early July) and end the following year in epidemiologic week 26 (late June). During the COVID-19 pandemic (2021-22, 2022-23), surveillance years begin in epidemiologic week 9 (early March) and end the following year in epidemiologic week 8 (late February).

[¶] The epidemic duration was the number of weeks between onset and offset, inclusive.

^{**} Annual percentage of detections in the epidemic period was defined as the proportion of all detections during a surveillance year that occurred during the epidemic period.

^{††} In HHS regions 8 and 10, no offset occurred in 2022-23 using the RS10 method because weekly detections did not fall below the onset number of detections by the end of the surveillance year (epidemiologic week 8). In Florida during the 2018-19 and 2019-20 surveillance years, onsets did not occur using the 10FB method because weekly detections did not exceed 10 times the number of detections reported at baseline (epidemiologic week 29).