Runnymede's NO_2 Diffusion Tube Survey

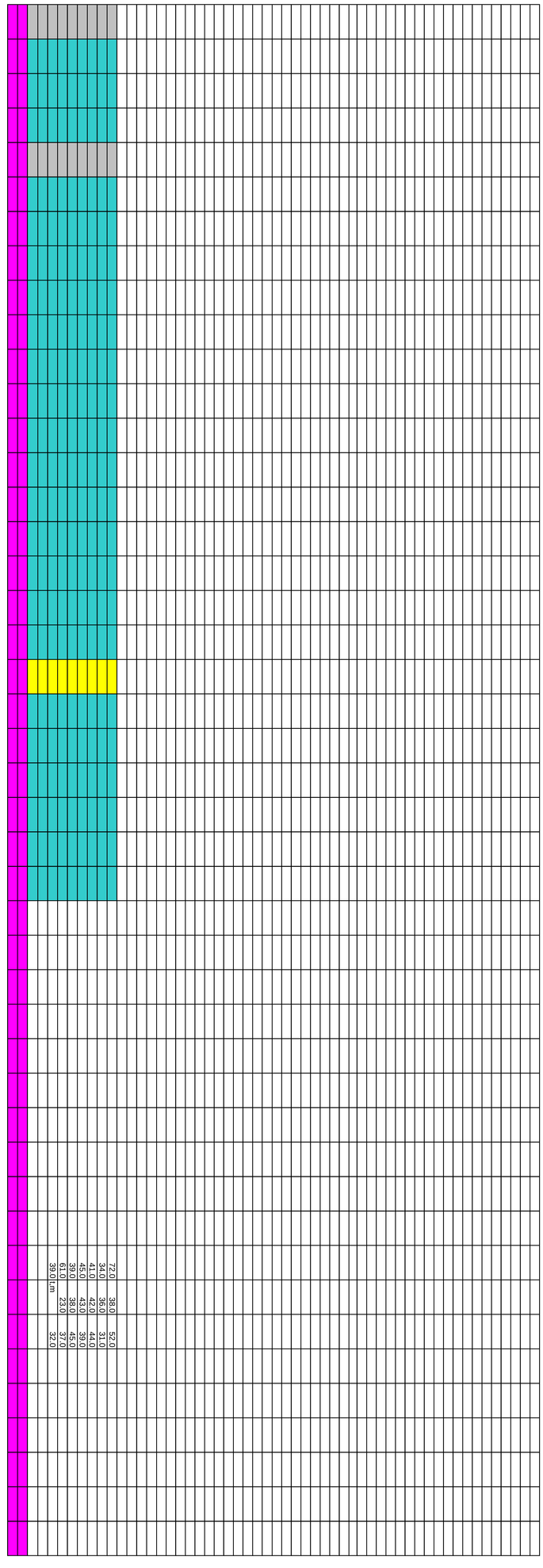
Spreadsheet Notes
All results in µg/m³
National Bias Factors: Published by Air Quality Consultants Ltd on behalf of Defra (http://laqm1.defra.gov.uk).

2000 - 0.97	2011-1.06
2001 - 1.09	2012 - 0.87
2002 - 1.15	2013 - 0.83
2003 - 1.05	2014 - 0.80
2004 - 1.19	
2005 - 1.24	
2006 - 1.28	
2007 - 1.07	
2008 - 0.98	
2009 - 1.02	
2010 - 1.06	

Bold indicates concentration >40 µg/m³
Red bold = very high concentration i.e. >80 µg/m³
Data capture less than 90%

	Location Details							2013			2014				
Site Reference No.	**Location**	**Site Type**	**Road**	**X**	**Y**	**Distance from Road (m)**	**Site within AQMA**	**Data Capture**	**Annual-Mean Unadjusted**	**National Bias Adjusted**	**Data Capture**	**Annual-Mean Unadjusted**	**National Bias Adjusted**		
RY1	Civic Centre, Station Road, Addlestone	Roadside	B3121	505095	164623	2	Y	91.7	**47.5**	39.5	100.0	39.42	31.53		
RY2	0	0	0	0	0	0	N								
RY3	Brockhurst Residential Home, Brox Road, Ottershaw	Urban background	N/A	502663	163693	7	N								
RY4	Riverside Sheltered Housing, Pitson Close, Addlestone	Urban background	N/A	505712	164622	5	N	16.7	31.5	26.1	100.0	22.00	17.60		
RY5	0	0	0	0	0	0	N								
RY6	Egham Sports Centre, Vicarage Road, Egham	Roadside	M25	501595	171124	11	Y	100.0	**45.8**	38.0	25.0	48.33	38.67		
RY8	Ongar Place First School, Milton Road, Addlestone	Roadside	M25	504325	163940	21	Y	66.7	34.9	28.9	83.3	28.60	22.88		
RY9	175 New Haw Road, New Haw	Roadside	A318	505395	163337	2	N	100.0	36.8	30.5	16.7	40.00	32.00		
RY10	M25B Staines	Roadside	M25	502730	173480	34	?								
RY11	M25B Staines	Roadside	M25	502730	173480	34	?								
RY12	M25B Staines	Roadside	M25	502730	173480	34	?								
RY13	44 High Street, Addlestone	Roadside	A318	504967	164922	2	Y								
RY14	1 Church Road, (Dry Cleaners) Addlestone	Roadside	A318	504993	164600	2	Y	91.7	**65.9**	**54.7**	91.7	54.18	43.35		
RY15	1-16 Dukes Court, Brighton Road, Addlestone	Roadside	A318	505070	164476	1	Y								
RY16	116 Station Road, Addlestone	Roadside	B3121	505391	164704	4	N								
RY17	Railway crossing, Station Road, Addlestone	Roadside	B3121	505525	164781	1	N								
RY18	New Haw Road / Woodham Lane roundabout, New Ha	Roadside	A318/B385	505443	163107	5	N	100.0	**41.3**	34.3	66.7	33.25	26.60		
RY19	78 Woodham Lane, New Haw	Roadside	B385	505227	162701	3	Y	100.0	**45.9**	38.1	91.7	41.91	33.53		
RY20	26 Windsor Street, Chertsey	Roadside	B375	504117	167060	4	N								
RY21	London Street/Herriot Road junction, Chertsey (Bar 16	Roadside	B375	504261	166945	1	N	91.7	**44.2**	36.7	91.7	35.36	28.29		
RY22	Guildford Street, Chertsey	Roadside	Guildford St	504203	166940	4	N	75.0	38.6	32.0					
RY23	37 Bridge Road, Chertsey	Roadside	B375	504888	166786	1	N	83.3	**58.3**	**48.4**	83.3	40.50	32.40		
RY24	Eastworth Road/Chertsey Road junction	Roadside	A317/B387	504852	166046	3	N	91.7	31.9	26.5	25.0	41.67	33.33		
RY25	Vicarage Road/Pooley Green Road junction, Egham	Roadside	B388	501748	171316	2	N	100.0	**40.1**	33.3	50.0	35.50	28.40		
RY26	Railway crossing, Vicarage Road, Egham	Roadside	B388	501716	171383	3	N	100.0	**64.0**	**53.1**	75.0	60.56	48.44		
#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	0.0	#REF!	#REF!	0.0	#REF!	#REF!		
RY28	38 Station Road, Egham	Roadside	388/Station I	501028	171167	3	N								
RY29	Railway crossing, Station Road (3 Rusham Park Aveni	Roadside	Station Rd	501100	170991	2	N								
RY30	Railway crossing, Thorpe Road, Egham	Roadside	B3376	502965	171231	3	N								
RY31	Thorpe Road, Egham	Roadside	B3376	503036	171386	1	N								
RY32	Beechtree Avenue, Englefield Green	Urban background	N/A	498638	170580	>50	N								
RY33	46 The Avenue, Egham (petrol station)	Roadside	B388/A30	501679	171676	: Avenue & 43m	Y	100.0	**45.7**	37.9	83.3	41.10	32.88		
RY34	Jct. of St Jude's Rd & Bagshot Rd	Roadside	\328/Bond S	499334	170688	1	N	75.0	35.9	29.8	83.3	35.00	28.00		
RY35	7 Fairview Cottages, Trumps Green Road, Virginia Wa	Roadside	C10	499815	167362	2	N	100.0	32.6	27.0	25.0	34.00	27.20		
RY36	5 Ham Moor Lane, Addlestone (Weybridge Business P	Industrial	N/A	506218	164454	2	N	16.7	28.5	23.7					
RY37	Shakespeare Road, Addlestone (Weybridge Business	Industrial	N/A	506093	164481	2	N								
RY38	The Beeches, Chestnut Drive, Egham	Roadside	A30	499891	170847	13	N	100.0	32.0	26.6	25.0	38.00	30.40		
RY39	Chobham Lane, Longcross, near Kitsmead Lane roun	Roadside	C10/M3	498827	166217	bham Lane & 39	N	100.0	36.1	29.9	91.7	30.27	24.22		
RY40	Homewood Park, Stonehill Road	Rural Background	N/A	502052	165119	68	N	83.3	21.3	17.7	75.0	19.89	15.91		
RY41	1 Hampshire Court, Bush Close, Addlestone	Urban background	N/A	505214	164352	63	N	25.0	31.0	25.7					
RY52	12 Thorpe Road New Oct 2013	Roadside	B3376	503002	171332			16.7	**46.5**	38.6	91.7	30.82	24.65		
RY53	1-22 Wyvern Place, High Street Addlestone	Roadside		504965	164904			100.0	**53.5**	**44.4**	91.7	17.17	13.73		
RY54	23 Brighton Road Addlestone	Roadside		505072	164473			83.3	**43.1**	35.8	91.7	35.55	28.44		
RY55	158 Station Road (pelican crossing, by barclays)	Roadside		505527	164775			91.7	**45.7**	38.0					
RY56	34/36 Bridge Road lamppost , Chertsey	Roadside		504926	166758										
RY57	Bridge Road lamppost, opposite Knightsmead	Roadside		504830	166817										
RY58	39 Weir Road	Roadside		504855	166717										
RY59	Douglas Rd flats, High Street Addlestone	Roadside		504945	165158								0.00		
RY60	Renaissance flats, High Street Addlestone	Roadside		504970	164800						66.7	35.17	28.13		
RY61	Pine court lampost, Church Rd	Roadside		504907	164556						58.3	43.18	34.55		
RY62	26/28 Brighton Road	Roadside		505068	164436						50.0	36.78	29.42		
RY63	Garfield Road, Middlesex Court lampost	Roadside		505229	164508						8.3	40.67	32.53		
RY64	Garfield Road, Hampshire Court lampost	Roadside		505252	164398						25.0	54.33	43.47		
51	Muckhatch Lane, Elmside	Roadside	M25	501637	168831	orpe By-Pass; 42m from M25						35.44	28.36	**48.7**	**44.7**
52	Muckhatch Lane, M25 boundary	Roadside	M25	501607	168830	2m from M25						39.50	31.60	**60.6**	**54.5**

46.2	**44.6**	**45.4**	**45.7**	**52.0**	**70.2**	**48.7**	**54.8**	**55.0**	**43.9**	**47.2**		**t.m.**	**53.6**	**58.4**	**46.5**	**49.2**	**45.2**	**50.7**	**t.m.**	**73.3**	**52.0**	**t.m.**	**t.m.**	**t.m.**	**47.5**	**59.6**	**41.9**	**52.5**	**52.9**	**50.7**	**45.0**	**77.0**	**52.5**	**44.0**	17.0	**42.7**	**40.5**	38.9	**44.3**	**t.m.**	**43.0**	**44.0**	**45.9**	**t.m.**	**55.8**	**t.m.**	35.7	33.9	**42.4**	38.4	**43.9**	**45.7**	**49.1**	**t.m.**			
	46.7	**67.6**	**60.0**	**t.m.**	**58.8**	**59.4**	**67.3**	**58.4**	**58.1**	**66.4**	21.7	**t.m.**	**66.9**	**47.8**	12.0	**64.8**	**64.5**	**68.6**	**78.2**	**t.m.**	**50.0**	**77.1**	**52.4**	**68.4**	**t.m.**	**50.2**	35.3	**55.8**	**67.2**	**69.5**	**54.2**	**100.7**	**66.2**	**65.8**	**55.0**	**52.7**	**46.7**	**52.1**	**55.2**	**t.m.**	**52.3**	**65.5**	**53.2**	**t.m.**	**t.m.**	**51.1**	**53.4**	**52.0**	9.6	**48.7**	**63.5**	**59.5**	**71.8**	**t.m.**			


72.0
38.0
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Runnymede's NO_2 Diffusion Tube Survey

Spreadsheet Notes
All results in µg/m³
Co-location tubes
Highways Agency's tubes
Tube moved to a different location (details below)
L = Very low result / below level of detection
Tube abandoned
Black bold = concentration exceeding 40 µg/m³
tm / ns = tube missing or not data/ high reading over 80 µg/m³ or no sample

		Calendar Year 2000												Calendar Year 2001											
Reason for tube location	Site Reference No. RY61	Jan-00	Feb-00	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00	Oct-00	Nov-00	Dec-00	Jan-01	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01
Addlestone AQMA		31.0	**47.0**	19.0	32.0	39.0	37.0	**42.0**	**50.0**	25.0	**47.0**	36.0	26.0	**42.0**	39.0	**46.0**	39.0	**69.0**	24.0	40.0	28.0	30.0	34.0	31.0	24.0
Addlestone Urban Background	RY4	**50.0**	21.0	40.0	37.0	19.0	11.0	19.0	14.0	24.0	31.0	11.0	29.0	38.0	39.0	25.0	14.0	30.0	20.0	25.0	18.0	27.0	22.0	11.0	36.0
M25 AQMA	RY8	33.0	37.0	20.0	**t.m.**	20.0	20.0	32.0	27.0	25.0	22.0	13.0	**44.0**	**t.m.**	**t.m**	37.0	28.0	**52.0**	19.0	28.0	17.0	35.0	17.0	15.0	38.0
Addlestone AQMA 4 way junction	RY14																								
M25 AQMA	RY19																								
Traffic bottleneck	RY21																								
Chertsey traffic lights Potential detailed assessment	RY23																								
1 Pooley Green Railway Crossing AQMA	RY25																								
Pooley Green Railway Crossing AQMA	RY26																								
Rural Background	RY40																								
114 Chertsey Rd AQMA potential extension	RY43																								
Chertsey 30 Weir Rd Potential detailed assessment	RY45																								
1-22 Wyvern Place Addlestone High Street AQMA potential extensi	RY53																								
Addlestone AQMA extension	RY55																								
36 Bridge Rd Potential detailed assessment	RY56																								
Potential detailed assessment	RY57																								
34 Weir Rd Potential detailed assessment	RY58																								
Addlestone AQMA extension	RY59																								
Addlestone AQMA extension	RY60																								
Addlestone AQMA extension	RY61																								
Addlestone AQMA extension	RY62																								
Addlestone development	RY63																								
Aviator Park	RY65																								
A320 roundabout Ottershaw	RY67																								
185 Church Rd	RY71																								
Albany Place (next to M25)	RY72																								
Byfleeet and New Haw station	RY73																								
4 Crockford Park Road lamp post	RY75																								
Opposite the Chatterings, Green Road Thorpe	RY76																								
Under the M25 Flyover Egham roundabout on lamp post	RY77																								
Clock house lane west? At end of footpath?	RY78																								
On SCC lamppost outside of 13 Midway Ave TW20 8QA	RY79																								
Weybourne Addlestone Road	RY80																								
1 Addlestone Road	RY81																								
	RY82																								

RY13 - moved to 1-22 Wyvern Place, High St, Addlestone
RY15 - moved to 23 Brighton Rd, Addlestone
RY17 - moved to 158 Station Rd, Addlestone

RY47
RY48
RY49
RY50
RY51

1 Addlestone Road RY1

Calendar Year 2002											
Jan-02	**Feb-02**	**Mar-02**	**Apr-02**	**May-02**	**Jun-02**	**Jul-02**	**Aug-02**	**Sep-02**	**Oct-02**	**Nov-02**	**Dec-02**
22.0	**41.0**	30.0	33.0	24.0	25.0	**44.0**	21.0	**42.0**	**59.0**	**42.0**	**50.0**
16.0	30.0	20.0	17.0	16.0	**t.m**	27.0	14.0	22.0	34.0	15.0	33.0
22.0	10.0	27.0	18.0	12.0	16.0	31.0	28.0	34.0	39.0	17.0	**54.0**

Calendar Year 2003											
Jan-03	**Feb-03**	**Mar-03**	**Apr-03**	**May-03**	**Jun-03**	**Jul-03**	**Aug-03**	**Sep-03**	**Oct-03**	**Nov-03**	**Dec-03**
t.m.	**60.0**	37.0	32.0	22.0	28.0	15.0	25.0	**54.0**	25.0	**55.0**	37.0
47.0	35.0	22.0	14.0	11.0	10.0	16.0	10.0	40.0	14.0	33.0	35.0
21.0	**51.0**	39.0	31.0	11.0	25.0	**85.0**	16.0	36.0	22.0	38.0	37.0

Calendar Year 2004										
Jan-04	**Feb-04**	**Mar-04**	**Apr-04**	**May-04**	**Jun-04**	**Jul-04**	**Aug-04**	**Sep-04**	**Oct-04**	**Nov-04**
29.0	23.0	**52.0**	**74.0**	30.0	40.0	35.0	23.0	25.0	18.0	32.0
L	**42.0**	18.0	25.0	20.0	13.0	12.0	19.0	18.0	14.0	27.0
17.0	19.0	**52.0**	25.0	13.0	17.0	22.0	17.0	17.0	22.0	29.0

	Calendar Year 2005												Calendar Year 2006												Calendar Year 2007									
Dec-04	**Jan-05**	**Feb-05**	**Mar-05**	**Apr-05**	**May-05**	**Jun-05**	**Jul-05**	**Aug-05**	**Sep-05**	**Oct-05**	**Nov-05**	**Dec-05**	**Jan-06**	**Feb-06**	**Mar-06**	**Apr-06**	**May-06**	**Jun-06**	**Jul-06**	**Aug-06**	**Sep-06**	**Oct-06**	**Nov-06**	**Dec-06**	**Jan-07**	**Feb-07**	**Mar-07**	**Apr-07**	**May-07**	**Jun-07**	**Jul-07**	**Aug-07**	**Sep-07**	**Oct-07**
40.0	**t.m**	**t.m**	**t.m**	40.0	24.0	24.0	21.0	15.0	11.0	26.0	**t.m**	**t.m**	27.0	30.0	21.0	**t.m**	**t.m**	24.0	26.0	20.0	33.0	24.0	**45.0**	40.0	**41.0**	**43.0**	**43.0**	37.0	31.0	29.0	33.0	30.0	**43.0**	**46.0**
L	8.0	20.0	29.0	14.0	19.0	16.0	14.0	14.0	12.0	14.0	27.0	22.0	15.0	27.0	11.0	23.0	**t.m**	11.0	12.0	14.0	20.0	**42.0**	21.0	23.0	21.0	28.0	13.0	13.0	15.0	21.0	17.0	17.0	24.0	39.0
14.0	**t.m**	24.0	35.0	15.0	18.0	27.0	23.0	12.0	17.0	25.0	24.0	33.0	29.0	16.0	19.0	**t.m**	**t.m**	23.0	15.0	18.0	16.0	30.0	15.0	21.0	18.0	28.0	29.0	14.0	19.0	19.0	30.0	25.0	20.0	37.0

		Calendar Year 2008												Calendar Year 2009												Calendar Year 2010							
Nov-07	**Dec-07**	**Jan-08**	**Feb-08**	**Mar-08**	**Apr-08**	**May-08**	**Jun-08**	**Jul-08**	**Aug-08**	**Sep-08**	**Oct-08**	**Nov-08**	**Dec-08**	**Jan-09**	**Feb-09**	**Mar-09**	**Apr-09**	**May-09**	**Jun-09**	**Jul-09**	**Aug-09**	**Sep-09**	**Oct-09**	**Nov-09**	**Dec-09**	**Jan-10**	**Feb-10**	**Mar-10**	**Apr-10**	**May-10**	**Jun-10**	**Jul-10**	**Aug-10**
45.0	**42.0**	40.0	**t.m.**	38.0	37.0	39.0	32.0	34.0	32.0	**42.0**	36.0	37.0	**47.0**	**51.0**	**t.m.**	**t.m.**	**42.0**	29.0	40.0	24.0	29.0	39.0	38.0	35.0	**66.0**	20.0	**55.0**	38.0	**41.0**	**42.0**	**t.m**	27.0	**42.0**
29.0	30.0	23.0	**t.m.**	24.0	21.0	26.0	18.0	17.0	16.0	25.0	**t.m.**	**t.m.**	28.0	**t.m.**	38.0	25.0	20.0	15.0	16.0	12.0	19.0	22.0	25.0	27.0	31.0	30.0	30.0	19.0	22.0	18.0	18.0	15.0	17.0
2.0	31.0	18.0	**t.m.**	4.0	**87.0**	**47.0**	26.0	14.0	11.0	34.0	25.0	31.0	32.0	38.0	39.0	22.0	21.0	14.0	8.0	22.0	8.0	**50.0**	21.0	21.0	**t.m.**	34.0	**58.0**	17.0	36.0	32.0	17.0	13.0	17.0
																							55.0	**59.0**	**59.0**	**57.0**	**61.0**	**44.0**	**55.0**	**57.0**	**60.0**	**52.0**	30.0
																							43.0	**t.m.**	11.0	**46.0**	**48.0**	**45.0**	**48.0**	39.0	40.0	39.0	24.0
																							35.0	32.0	**49.0**	**48.0**	**48.0**	35.0	**54.0**	**42.0**	40.0	28.0	18.0
																							58.0	**57.0**	31.0	**52.0**	**58.0**	35.0	**60.0**	**t.m.**	**55.0**	**53.0**	22.0
																							12.0	**46.0**	**47.0**	**51.0**	**55.0**	**42.0**	**44.0**	37.0	**t.m.**	40.0	**58.0**
																							57.0	**62.0**	**74.0**	**71.0**	**89.0**	**55.0**	**78.0**	**59.0**	**53.0**	**56.0**	**t.m.**

				Calendar Year 2011												Calendar Year 2012														
Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13
45.0	36.0	68.0	66.0	46.0	28.0	63.0	46.0	20.0	38.0	43.0	32.0	39.0	28.0	51.0	44.0	t.m.	43.0	54.0	38.0	49.0	37.0	42.0	36.0	40.0	70.0	51.0	51.0	56.0	t.m.	63.0
19.0	17.0	47.0	36.0	34.0	17.0	27.0	24.0	25.0	57.0	20.0	18.0	16.0	20.0	27.0	21.0	23.0	30.0	29.0	22.0	19.0	18.0	16.0								
26.0	22.0	44.0	48.0	34.0	18.0	t.m.	33.0	t.m.	15.0	18.0	t.m.	17.0	21.0	33.0	18.0	20.0	15.0	26.0	22.0	27.0	21.0	25.0	19.0	24.0	27.0	30.0	29.0	34.0	40.0	46.0
64.0	43.0	74.0	71.0	63.0	44.0	56.0	58.0	46.0	60.0	62.0	53.0	55.0	58.0	69.0	60.0	46.0	66.0	63.0	52.0	55.0	46.0	L	56.0	71.0	77.0	66.0	72.0	59.0	58.0	67.0
51.0	31.0	53.0	56.0	50.0	32.0	35.0	45.0	42.0	51.0	39.0	40.0	49.0	46.0	42.0	43.0	28.0	42.0	39.0	31.0	40.0	34.0	L	38.0	47.0	51.0	52.0	L	56.0	46.0	39.0
40.0	37.0	62.0	56.0	46.0	30.0	53.0	52.0	24.0	29.0	35.0	34.0	35.0	35.0	t.m.	14.0	41.0	48.0	46.0	27.0	37.0	33.0	26.0	31.0	39.0	46.0	47.0	48.0	49.0	40.0	63.0
67.0	46.0	72.0	61.0	57.0	47.0	61.0	58.0	9.0	56.0	46.0	45.0	44.0	61.0	58.0	50.0	50.0	53.0	48.0	42.0	35.0	42.0	58.0	70.0	68.0	68.0	75.0	67.0	73.0	71.0	67.0
47.0	24.0	58.0	52.0	t.m.	30.0	t.m.	t.m.	24.0	37.0	32.0	t.m.	t.m.	t.m.	47.0	42.0	36.0	t.m.	t.m.	t.m.	35.0	27.0	31.0	34.0	t.m.	52.0	L	68.0	47.0	43.0	39.0
68.0	54.0	90.0	66.0	74.0	49.0	63.0	62.0	45.0	60.0	58.0	57.0	58.0	61.0	64.0	56.0	54.0	66.0	t.m.	t.m.	56.0	60.0	61.0	58.0	t.m.	75.0	76.0	65.0	20.0	65.0	58.0
																								19.0	23.0	21.0	21.0	21.0	23.0	31.0
				58.0	36.0	47.0	t.m.	37.0	47.0	45.0	41.0	t.m.	43.0	60.0	51.0	50.0	52.0	51.0	40.0	t.m.	42.0	t.m.	59.0	61.0	72.0	74.0	60.0	57.0	55.0	61.0
				50.0	25.0	46.0	t.m.	17.0	26.0	31.0	t.m.	37.0	32.0	38.0	35.0	41.0	44.0	47.0	31.0	27.0	33.0	28.0	36.0	36.0	56.0	L	36.0	50.0	49.0	58.0

Calendar Year 2013									Calendar Year 2014												Year 2015									
Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15
55.0	39.0	45.0	41.0	35.0	52.0	34.0	57.0	46.0	36.0	38.0	56.0	46.0	31.0	36.0	39.0	32.0	50.0	39.0	35.0	35.0	42.0	47.0	36.0	39.0	32.0	39	40	39	41	51
							36.0	27.0	24.0	29.0	28.0	25.0	20.0	18.0	18.0	17.0	29.0	18.0	14.0	24.0	31.0	19.0	39.0	19.0	t.m	12	14	10	23	32
34.0	L	29.0	28.0	t.m	33.0	t.m.	35.0	t.m.	22.0	5.0	30.0	29.0	57.0	29.0	28.0	t.m	41.0	t.m	22.0	23.0	t.m	26.0	t.m	30.0	10.0	16	14	23	23	40
68.0	t.m.	59.0	70.0	64.0	65.0	59.0	83.0	73.0	54.0	65.0	64.0	64.0	44.0	60.0	t.m	50.0	60.0	56.0	38.0	41.0	47.0	56.0	21.0	62.0	45.0	52	52	62	41	60.0
50.0	43.0	37.0	38.0	45.0	42.0	48.0	52.0	55.0	47.0	56.0	48.0	42.0	37.0	57.0	41.0	35.0	33.0	t.m	29.0	36.0	t.m	39.0	35.0	41.0	29.0	21	33	46	35	35
51.0	33.0	36.0	39.0	36.0	54.0	t.m.	43.0	42.0	38.0	33.0	48.0	7.0	47.0	t.m	38.0	17.0	55.0	34.0	35.0	37.0	46.0	38.0	19.0	43.0	32.0	31	31	26	28	33
40.0	45.0	54.0	64.0	58.0	60.0	51.0	t.m.	t.m.	t.m.	t.m	53.0	49.0	36.0	42.0	5.0	46.0	42.0	48.0	43.0	41.0	46.0	43.0	34.0	50.0	61.0	43	46	44	35	33
34.0	28.0	35.0	34.0	36.0	43.0	41.0	53.0	48.0	t.m.	47.0	t.m	t.m	44.0	t.m	32.0	28.0	t.m	33.0	29.0	t.m	36.0	40.0	28.0	37.0	t.m	t.m	29	30	25	3
71.0	75.0	61.0	77.0	67.0	66.0	57.0	85.0	66.0	61.0	65.0	57.0	59.0	t.m	t.m	63.0	61.0	t.m	64.0	54.0	61.0	60.0	25.0	2.0	35.0	33.0	55	50	48	50	53
24.0	16.0	t.m.	22.0	12.0	22.0	t.m.	25.0	17.0	t.m.	30.0	25.0	16.0	33.0	t.m	15.0	4.0	24.0	t.m	15.0	17.0	19.0	19.0	17.0	12.0	10.0	41	10	14	18	25
		44.0	44.0	t.m	56.0	47.0	67.0	55.0	50.0	t.m	11.0	6.0	5.0	42.0	34.0	34.0	51.0	38.0	31.0	37.0	44.0	40.0	37.0	42.0	23.0	23	31	34	33	45
		35.0	39.0	35.0	50.0	32.0	57.0	46.0	37.0	42.0	43.0	33.0	26.0	32.0	26.0	31.0	44.0	42.0	t.m	35.0	41.0	39.0	32.0	66.0	27.0	46	32	46	37	37
43.0	35.0	48.0	55.0	53.0	53.0	54.0	62.0	66.0	48.0	53.0	60.0	46.0	39.0	42.0	47.0	42.0	31.0	31.0	36.0	t.m	t.m	43.0	36.0	49.0	4.0	26	40	47	44	64
t.m.	32.0	39.0	44.0	41.0	47.0	37.0	50.0	56.0	49.0	48.0	46.0	30.0	64.0	35.0	26.0	25.0	49.0	41.0	38.0	37.0	43.0	39.0	38.0	35.0	29.0	49	25	35	32	49
												72.0	38.0	52.0	37.0	56.0	66.0	66.0	52.0	50.0	51.0	48.0	44.0	45.0	50.0	27	66	54	46	53
												34.0	36.0	31.0	23.0	29.0	55.0	37.0	37.0	37.0	44.0	43.0	29.0	37.0	30.0	24	23	63	42	49
												41.0	42.0	44.0	38.0	26.0	47.0	42.0	t.m	36.0	43.0	40.0	38.0	37.0	26.0	27	28	28	39	35
												45.0	43.0	39.0	33.0	31.0	42.0	44.0	37.0	2.0	35.0	t.m	41.0	45.0	24.0	22	32	28	37	49
												39.0	38.0	45.0	37.0	29.0	n	32.0	39.0	34.0	67.0	44.0	38.0	40.0	27.0	43	24	tm	44	tm
												61.0	23.0	37.0	32.0	t.m	42.0	34.0	t.m	34.0	47.0	t.m	t.m	33.0	23.0	21	29	64	35	38
												39.0	t.m	32.0	42.0	4.0	47.0	t.m	34.0	t.m	2.0	40.0	35.0	41.0	27.0	t.m	33	36	tm	47
																		t.m	26.0	t.m	37.0	0.0	t.m	t.m	t.m	t.m	tm	24	21	44
																							t.m	30.0	20.0	20	21	29	30	27

		Year	2016																						
Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	01/07/2016	01/08/2016	01/09/2016	01/10/2016	01/11/2016	01/12/2016	01/01/2017	01/02/2017	01/03/2017	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	0ct 17	Nov-17	Dec-17
t.m	40	tm	34	53	28	43	41	38	32	36	40	48	65		tm	tm	tm	37	tm	tm	21	28	34	40	27
16	18	27	24	27	19	17	20	20	14	19	31	33	36	32	25	18	13	17	14	16	18	16	18	23	21
t.m	15	tm	24	32	22	24	26	tm	16	11	35	23	40	36	24	21	20	tm	15	tm	tm	tm	18	27	15
49	55	65	47	48	41	38	45	43	36	37	59	53	64	73	59	57	41	44	49	39	35	51	57	63	61
37	38	44	36	34	31	30	28	30	27	tm	38	41	52	44	43	34	33	30	42	37	37	35	32	49	36
36	33	45	35	48	32	27	33	28	31	tm	50	42	45	54	46	42	30	37	34	26	32	31	35	47	36
39	48	48	39	55	tm	35	38	36	41	34	tm	53	69	tm	65	48	33	tm	57	53	53	47	65	74	60
34	29	tm	33	tm	tm	tm	19	17	29	20	35	41	64	49	42	tm	28	16	30	28	27	29	34	41	34
53	43	63	45	63	51	46	30	36	47	37	36	51	51	65	68	tm	48	32	43	43	35	42	43	54	38
13	13	22	13	39	14	15	14	12	12	9	tm	19	27	59	23	18	13	9	10	12	11	13	13	17	16
41	34	45	32	21	39	43	39	37	31	31	43	47	tm	54	52	36	40	40	31	34	31	37	50	47	30
30	28	43	24	36	42	31	tm	27	32	27	36	38	50	tm	44	25	tm	tm	34	32	tm	41	47	56	49
47	45	55	50	48	40	51	43	39	24	25	46	50	53	26	52	34	48	33	35	36	21	40	37	48	41
34	36	50	42	41	34	27	29	25	28	28	40	43	44	62	42	41	29	29	35	25	26	31	36	44	ns
56	63	68	46	61	47	50	55	tm	53	40	48	tm	tm	tm	tm	46	tm	tm	tm	tm	tm	52	tm	56	ns
36	34	46	34	42	26	27	30	30	27	30	tm	tm	tm	tm	tm	41	tm	tm	tm	tm	tm	tm	tm	45	ns
35	38	42	40	35	37	30	30	26	29	21	37	41	tm	tm	tm	32	tm	tm	23	tm	tm	53	41	55	49
39	33	36	37	44	31	35	27	26	22	34	43	46	49	57	tm	31	39	24	22	25	31	tm	38	47	35
36	37	47	38	39	25	35	35	26	36	27	47	44	59	44	48	32	33	37	34	24	34	33	36	44	31
30	27	44	32	40	33	33	27	31	21	27	40	tm	43	48	41	38	34	25	28	24	39	34	31	38	34
32	31	45	42	47	31	tm	27	3	21	tm	40	39	49	61	48	37	33	26	31	28	28	35	34	45	42
24	21	33	26	37	23	21	1	tm	tm	15	tm	34	tm		110	26	tm	tm	tm	18	23	27	tm	40	28
32	11	41	32	36	25	17	14	17	21	16	36	33	42	48	42	34	26	16	21	18	18	29	32	38	30

Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20
30	ns	36	ns	23	24	33	ns	31	22	ns	36	45	ns	34	33	28	31	27	30	27	33	46	34	36	23	ns	ns	ns	23	16
18	18	22	6	19	13	16	14	18	36	32	31	29	26	19	23	16	15	15	20	19	19	29	23	23	16	ns	ns	ns	11	10
23	ns	37	16	18	21	ns	15	16	23	25	22	ns	20	21	30	ns	24	15	14	ns	ns	32	ns	22	ns	ns	ns	ns	16	11
44	34	45	36	ns	39	54	42	36	45	51	56	66	58	56	52	54	58	39	47	48	46	56	50	58	44	ns	ns	ns	42	36
34	28	33	30	ns	32	25	26	ns	31	36	36	44	36	41	33	36	33	33	38	31	30	33	35	30	29	ns	ns	ns	27	26
37	43	34	26	30	30	29	23	30	27	35	41	48	40	39	53	27	30	31	31	30	34	52	32	40	23	ns	ns	ns	19	18
48	49	45	ns	34	35	ns	36	ns	42	59	63	75	81	64	76	53	52	57	56	52	53	61	56	64	34	ns	ns	ns	40	28
29	27	27	21	18	26	30	22	48	40	41	58	61	42	29	33	27	29	23	32	ns	32	37	33	36	43	ns	ns	ns	19	20
39	36	41	39	41	33	38	36	27	23	32	36	43	62	60	45	ns	47	ns	47	45	47	58	43	56	42	ns	ns	ns	32	36
18	19	40	14	18	ns	13	31	12	15	15	18	21	19	14	23	7	15	12	14	15	15	24	15	14	11	ns	ns	ns	10	9
38	34	42	37	21	38	35	39	26	37	47	44	54	50	44	ns	36	37	36	32	39	42	55	39	40	28	ns	ns	ns	24	29
ns	ns	40	ns	ns	ns	ns	21	38	47	35	51	ns	51	55	46	55	52	45	46	51	51	60	49	44	37	ns	ns	ns	38	ns
43	31	34	39	25	35	ns	ns	ns	32	35	ns	57	56	45	53	45	32	31	35	40	41	56	42	39	37	ns	ns	ns	32	28
ns	37	42	27	17	26	ns	24	31	36	37	38	43	44	37	34	33	38	25	ns	32	39	47	38	33	27	ns	ns	ns	27	20
47	ns	52	ns	ns	ns	ns	ns	52	37	55	51	ns	61	57	71	48	52	35	50	46	44	50	36	45	44	ns	ns	ns	33	29
32	ns	41	ns	ns	ns	ns	24	ns	47	44	46	ns	41	37	41	31	32	30	41	47	36	49	37	41	32	ns	ns	ns	22	15
54	49	48	ns	42	ns	ns	43	47	56	56	55	63	60	52	38	55	55	33	26	23	57	53	54	40	38	ns	ns	ns	40	34
37	36	36	33	32	33	24	28	32	37	34	39	45	45	36	43	36	33	23	31	31	38	45	35	40	62	ns	ns	ns	24	21
34	31	38	32	20	25	31	25	31	38	37	42	44	45	32	34	27	39	23	27	35	37	51	35	38	ns	ns	ns	ns	24	18
35	25	30	25	25	24	ns	27	32	33	ns	33	42	38	36	28	31	33	21	25	25	30	41	29	30	22	ns	ns	ns	19	20
37	39	32	31	19	21	32	ns	28	34	ns	43	39	48	35	27	32	33	28	27	28	39	47	36	43	30	ns	ns	ns	23	20
ns	22	21	ns	20	18	17	ns	18	19	19	33	34	33	26	ns	25	24	ns	24	23	25	37	26	32	23	ns	ns	ns	15	15
27	26	25	25	17	ns	ns	21	23	26	33	34	36	36	29	78	28	27	21	30	27	31	44	33	35	26	ns	ns	ns	20	17
						44	39	44	46	60	53	69	56	57	40	27	63	41	37	32	42	67	47	51	ns	ns	ns	ns	45	26
																	ns	ns	37	33	32	29	ns	27	ns	ns	ns	ns	22	22
																						39	23	22	15	ns	ns	ns	15	10

Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23
ns	28	22	27	26	27	28	ns	ns	ns	20	36	16	ns	ns	31	ns	26	31	33	22	23	25	ns	30	28	32	29	34	33	34	26
12	17	13	25	13	16	16	16	13	12	15	13	12	14	22	20	20	22	23	18	11	14	10	12	16	15	16	15	ns	22	18	12
19	21	15	20	18	19	22	22	24	15	ns	18	14	23	14	20	20	21	3	26	17	17	ns	ns	27	20	20	ns	ns	24	26	16
41	**48**	**95**	**48**	**54**	**108**	38	**42**	37	35	30	39	26	**42**	33	**43**	**44**	**46**	40	37	27	33	**41**	**52**	**45**	**48**	**41**	40	**46**	**44**	**46**	36
32	27	35	34	29	34	29	27	27	28	25	26	15	31	28	30	31	30	31	30	24	27	29	35	27	29	31	ns	31	n/s	31	24
27	29	28	31	19	28	30	27	35	27	27	28	20	ns	25	34	29	29	29	31	22	23	20	28	31	31	32	27	32	28	35	18
40	**49**	**41**	**55**	**43**	**45**	**48**	32	39	34	40	39	29	**49**	38	**45**	ns	**48**	27	ns	22	39	38	**45**	**44**	**45**	**47**	**44**	**44**	**49**	**59**	35
ns	26	24	28	18	26	25	24	ns	19	21	20	17	26	23	31	27	28	28	26	24	20	25	24	27	26	25	31	30	33	30	23
ns	**43**	39	39	35	39	36	38	38	38	40	36	24	**43**	ns	ns	**45**	**42**	31	39	30	**46**	38	**43**	**43**	40	34	37	36	**42**	**49**	38
12	14	12	16	23	13	16	14	13	11	11	11	11	15	10	15	13	17	22	21	19	9	10	11	16	13	12	14	16	13	19	11
36	30	35	38	19	36	28	32	34	15	30	27	22	33	29	34	32	40	30	33	24	27	28	37	29	33	31	31	29	36	**42**	28
44	**42**	**44**	**43**	**45**	40	**41**	39	**41**	34	**43**	37	26	**49**	36	**47**	**45**	**47**	38	ns	30	29	26	**45**	**43**	39	37	40	38	**45**	**43**	30
38	37	37	**41**	33	34	33	30	38	30	ns	34	21	39	31	36	36	**43**	33	32	22	25	29	ns	36	37	37	34	**41**	16	36	24
28	28	27	31	28	28	ns	24	31	24	22	21	18	34	25	35	28	26	27	28	14	22	25	34	33	ns	23	33	22	30	36	22
37	30	38	36	35	35	35	36	39	35	36	ns	**62**	ns	**59**	35	**41**	**41**	28	ns	21	3	30	40	ns	36	33	37	34	32	ns	29
23	27	25	27	18	29	23	19	25	22	23	23	16	27	21	21	36	39	28	ns	19	17	25	26	27	30	27	30	33	34	**42**	25
39	40	39	36	**41**	**45**	**42**	**42**	**46**	39	**44**	**41**	29	**48**	38	40	**46**	**41**	**43**	**51**	23	36	34	**46**	**48**	ns	**84**	35	**41**	31	35	36
26	27	32	**59**	35	31	28	25	30	27	24	26	19	35	27	32	30	34	30	31	17	25	24	32	30	32	33	35	**43**	25	ns	24
34	32	27	32	26	31	28	26	23	24	ns	25	32	23	ns	29	32	30	30	31	22	20	24	28	32	ns	36	34	33	32	ns	37
24	25	30	24	24	28	29	24	25	21	26	22	17	31	21	33	28	23	3	3	17	ns	ns	ns	32	29	26	27	34	35	33	21
28	26	30	32	31	**60**	28	31	ns	ns	26	22	19	32	27	35	34	30	28	29	28	24	22	28	20	29	27	30	37	35	32	27
18	23	21	28	21	26	23	19	20	16	18	19	22	22	19	30	26	25	29	27	25	18	17	21	25	21	21	25	32	31	30	20
24	22	25	32	2	**50**	24	25	27	19	ns	18	18	24	ns	**70**	27	30	27	28	25	22	9	23	**44**	22	23	14	27	32	30	24
41	37	40	**85**	**45**	**45**	**42**	34	ns	34	35	37	30	**48**	ns	36	ns	34		ns	ns	23	35	**47**	30	**44**	**46**	**51**	**49**	40	**48**	20
27	26	24	35	26	33	15	27	25	ns	25	ns	15	26	25	29	32	32	30	ns	ns	ns	25	31	30	29	33	26	29	32	27	39
22	17	21	28	23	20	28	16	22	18	21	20	16	26	20	23	23	20	28	27	34	20	15	16	27	21	25	24	24	22	25	19
										31	29	14	36	29	39	26	31	27	28	20	22	24	ns	33	32	28	30	35	37	35	21
																28	26	31	28	20	21	27	30	25	28	22	30	23	33	29	26
																25	32	33	35	26	22	24	33	37	30	**46**	33	30	28	35	16
																30	36	30	26	22	32	24	36	25	32	32	32	31	40	32	29
																21	17	19	ns	14	19	15	18	29	16	21	19	20	20	23	18
																		25	26	21	19	16	20	25	23	24	ns	25	29	25	19
																							13	8	14	17	19	21	25	23	14
																							19	8	18	16	20	37	24	21	14
																										ns	18	23	28	24	16

Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24
30	23	22	29	22	38	30	NS	NS	NS	NS	27	20	25	20	16	15	25	26	26
18	14	15	11	10	14	16	NS	NS	NS	NS	15	11	15	11	11	10	13	14	17
25	ns	16	16	12	ns	NS	NS	NS	NS	NS	18	16	19	14	NS	NS	21	19	NS
46	48	36	38	33	59	44	NS	NS	NS	NS	41	40	36	40	25	19	42	37	37
24	24	18	24	24	39	30	NS	NS	NS	NS	30	28	Contami	25	25	Contami	27	23	23
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23	25	22	24	18	31	28	NS	NS	NS	NS	23	22	23	20	17	15	32	22	20
33	46	36	38	30	55	40	NS	NS	NS	NS	34	26	38	39	29	23	22	32	32
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16	26	18	15	12	ns	16	NS	NS	NS	NS	20	16	NS	18	12	NS	18	18	NS
23	23	16	18	15	23	24	NS	NS	NS	NS	18	18	NS	NS	12	10	21	20	18