

Congestion Management Plan Update
Montgomery MPO

PC-Travel Reports for study: South Blvd PM WB Study

<u>Report Name</u>	<u>Page</u>
Study Summary	2
Overall Output Statistics	3
Detailed Statistics By Run - Travel Times	4
Detailed Statistics By Run - Average Speed	5
Detailed Statistics By Run - Total Delay	6
Detailed Statistics By Run - Time <= 0 MPH	7
Detailed Statistics By Run - Time <= 40 MPH	8
Detailed Statistics By Run - Time <= 55 MPH	9
Speed/Distance Profiles of All Runs	10

Congestion Management Plan Update Montgomery MPO

Study Name : **South Blvd PM WB Study**
Study Date : **11/5/2013**
Page No. : **2**

Study Summary

Runs Used in This Study

Run Title	Start Date	Start Time	Length	Before/ After	Run Type
South Blvd PM-WB-001 t	11/05/13	16:19	34321	Before	Secondary
South Blvd PM-WB-002 t	11/05/13	16:56	34344	Before	Secondary
South Blvd PM-WB-003 t	12/05/13	16:07	34186	Before	Secondary

Notes:

Node Info

#	Len	Name
1	0	Troy Hwy
2	98	US-231 SB Ramp
3	2029	Strathmore Dr
4	1207	Wallace Dr
5	1725	Marti Ln
6	1080	Wilksboro Dr
7	735	Brantford Blvd
8	1822	Woodley Rd
9	1247	St. Helena Ave
10	446	Woodley Square
11	2484	Morrow Dr
12	2094	Narrow Lane Rd
13	6340	Norman Bridge Rd
14	3088	S Court St
15	2924	Rosa L. Parks Ave
16	3494	Davenport Dr
17	2178	Eisenhower Dr
18	1116	I-65 NB Ramps
19	214	I-65

Length of Study Route = 34,321 feet

Congestion Management Plan Update

Montgomery MPO

Study Name : **South Blvd PM WB Study**

Study Date : **11/5/2013**

Page No. : **3**

Overall Output Statistics

Node #	Length	Node	Travel Time	# of Stops	Avg Speed	Total Delay	Time <= 0 MPH	Time <= 40 MPH	Time <= 55 MPH
1	0	Troy Hwy							
2	98	US-231 SB Ramp	3.0	0.0	22.3	1.3	0.0	2.3	3.0
3	2029	Strathmore Dr	54.3	0.7	25.5	29.0	4.0	44.7	54.3
4	1207	Wallace Dr	21.3	0.0	38.6	5.7	0.0	15.0	20.7
5	1725	Marti Ln	25.3	0.0	46.4	3.7	0.0	3.0	25.3
6	1080	Wilksboro Dr	17.7	0.0	41.7	4.0	0.0	5.3	17.7
7	735	Brantford Blvd	14.7	0.0	34.2	5.3	0.0	7.7	14.7
8	1822	Woodley Rd	31.7	0.0	39.2	8.7	0.0	13.7	30.7
9	1247	St. Helena Ave	18.3	0.0	46.4	2.3	0.0	1.3	18.3
10	446	Woodley Square	6.3	0.0	48.0	0.3	0.0	0.0	6.3
11	2484	Morrow Dr	33.3	0.0	50.8	2.3	0.0	0.0	30.0
12	2094	Narrow Lane Rd	28.7	0.0	49.8	2.3	0.0	0.0	20.3
13	6340	Norman Bridge Rd	137.3	1.0	31.5	58.3	20.7	65.3	121.7
14	3088	S Court St	46.7	0.0	45.1	7.7	0.0	6.3	46.7
15	2924	Rosa L. Parks Ave	54.3	0.3	36.7	17.7	1.3	25.0	46.3
16	3494	Davenport Dr	86.7	1.7	27.5	38.7	7.0	48.3	80.3
17	2178	Eisenhower Dr	31.0	0.0	47.9	1.3	0.0	0.7	30.7
18	1116	I-65 NB Ramps	21.7	0.0	35.1	6.0	0.0	8.7	21.7
19	214	I-65	3.0	0.0	48.6	1.0	0.0	1.0	2.7
Total	34,321		635.3	3.7	36.8	195.7	33.0	248.3	591.3

Stats based on 3 BEFORE runs.

Stops based on a Stop Speed of 5 MPH.

Congestion Management Plan Update

Montgomery MPO

Study Name : **South Blvd PM WB Study**
 Study Date : **11/5/2013**
 Page No. : **4**

Detailed Statistics By Run

Travel Time (sec) by Section

South Blvd PM-WB-001 t
 South Blvd PM-WB-002 t
 South Blvd PM-WB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Troy Hwy			
2	98	US-231 SB Ramp	3	2	4
3	2029	Strathmore Dr	72	29	62
4	1207	Wallace Dr	24	16	24
5	1725	Marti Ln	28	22	26
6	1080	Wilksboro Dr	20	16	17
7	735	Brantford Blvd	11	10	23
8	1822	Woodley Rd	26	24	45
9	1247	St. Helena Ave	18	17	20
10	446	Woodley Square	6	6	7
11	2484	Morrow Dr	32	31	37
12	2094	Narrow Lane Rd	29	26	31
13	6340	Norman Bridge Rd	156	105	151
14	3088	S Court St	44	47	49
15	2924	Rosa L. Parks Ave	36	47	80
16	3494	Davenport Dr	77	54	129
17	2178	Eisenhower Dr	29	31	33
18	1116	I-65 NB Ramps	16	16	33
19	214	I-65	2	3	4
Totals	34321		629	502	775

Congestion Management Plan Update

Montgomery MPO

Study Name : **South Blvd PM WB Study**
 Study Date : **11/5/2013**
 Page No. : **5**

Detailed Statistics By Run

Average Speed (MPH) by Section

South Blvd PM-WB-001 t
 South Blvd PM-WB-002 t
 South Blvd PM-WB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Troy Hwy			
2	98	US-231 SB Ramp	32.0	45.0	18.5
3	2029	Strathmore Dr	18.9	47.4	22.6
4	1207	Wallace Dr	34.8	53.2	34.8
5	1725	Marti Ln	41.4	52.4	44.4
6	1080	Wilksboro Dr	38.0	44.4	43.7
7	735	Brantford Blvd	46.3	52.1	21.5
8	1822	Woodley Rd	47.6	52.2	27.8
9	1247	St. Helena Ave	47.0	49.5	42.3
10	446	Woodley Square	53.5	52.0	44.6
11	2484	Morrow Dr	51.8	53.7	45.9
12	2094	Narrow Lane Rd	48.8	56.5	46.3
13	6340	Norman Bridge Rd	27.8	40.8	28.4
14	3088	S Court St	48.6	45.3	43.6
15	2924	Rosa L. Parks Ave	54.5	42.5	24.7
16	3494	Davenport Dr	31.1	43.8	18.5
17	2178	Eisenhower Dr	51.5	48.0	45.0
18	1116	I-65 NB Ramps	49.2	47.9	22.9
19	214	I-65	48.5	43.3	16.0
Totals	34321		37.2	46.6	30.1

Congestion Management Plan Update

Montgomery MPO

Study Name : **South Blvd PM WB Study**
 Study Date : **11/5/2013**
 Page No. : **6**

Detailed Statistics By Run

Total Delay (sec) by Section

South Blvd PM-WB-001 t
 South Blvd PM-WB-002 t
 South Blvd PM-WB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Troy Hwy			
2	98	US-231 SB Ramp	1	0	3
3	2029	Strathmore Dr	47	4	36
4	1207	Wallace Dr	9	0	8
5	1725	Marti Ln	7	0	4
6	1080	Wilksboro Dr	6	3	3
7	735	Brantford Blvd	1	1	14
8	1822	Woodley Rd	3	1	22
9	1247	St. Helena Ave	2	1	4
10	446	Woodley Square	0	0	1
11	2484	Morrow Dr	1	0	6
12	2094	Narrow Lane Rd	3	0	4
13	6340	Norman Bridge Rd	77	26	72
14	3088	S Court St	5	8	10
15	2924	Rosa L. Parks Ave	0	10	43
16	3494	Davenport Dr	29	6	81
17	2178	Eisenhower Dr	0	1	3
18	1116	I-65 NB Ramps	0	0	18
19	214	I-65	0	0	3
Totals	34321		191	61	335

Congestion Management Plan Update

Montgomery MPO

Study Name : **South Blvd PM WB Study**
 Study Date : **11/5/2013**
 Page No. : **7**

Detailed Statistics By Run

Time <= 0 MPH by Section

South Blvd PM-WB-001 t
 South Blvd PM-WB-002 t
 South Blvd PM-WB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Troy Hwy			
2	98	US-231 SB Ramp	0	0	0
3	2029	Strathmore Dr	12	0	0
4	1207	Wallace Dr	0	0	0
5	1725	Marti Ln	0	0	0
6	1080	Wilksboro Dr	0	0	0
7	735	Brantford Blvd	0	0	0
8	1822	Woodley Rd	0	0	0
9	1247	St. Helena Ave	0	0	0
10	446	Woodley Square	0	0	0
11	2484	Morrow Dr	0	0	0
12	2094	Narrow Lane Rd	0	0	0
13	6340	Norman Bridge Rd	38	6	18
14	3088	S Court St	0	0	0
15	2924	Rosa L. Parks Ave	0	0	4
16	3494	Davenport Dr	12	0	9
17	2178	Eisenhower Dr	0	0	0
18	1116	I-65 NB Ramps	0	0	0
19	214	I-65	0	0	0
Totals	34321		62	6	31

Congestion Management Plan Update

Montgomery MPO

Study Name : **South Blvd PM WB Study**
 Study Date : **11/5/2013**
 Page No. : **8**

Detailed Statistics By Run

Time <= 40 MPH by Section

South Blvd PM-WB-001 t
 South Blvd PM-WB-002 t
 South Blvd PM-WB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Troy Hwy			
2	98	US-231 SB Ramp	3	0	4
3	2029	Strathmore Dr	72	0	62
4	1207	Wallace Dr	21	0	24
5	1725	Marti Ln	9	0	0
6	1080	Wilksboro Dr	13	0	3
7	735	Brantford Blvd	0	0	23
8	1822	Woodley Rd	0	0	41
9	1247	St. Helena Ave	0	0	4
10	446	Woodley Square	0	0	0
11	2484	Morrow Dr	0	0	0
12	2094	Narrow Lane Rd	0	0	0
13	6340	Norman Bridge Rd	76	37	83
14	3088	S Court St	6	7	6
15	2924	Rosa L. Parks Ave	4	17	54
16	3494	Davenport Dr	37	2	106
17	2178	Eisenhower Dr	0	0	2
18	1116	I-65 NB Ramps	0	0	26
19	214	I-65	0	0	3
Totals	34321		241	63	441

Congestion Management Plan Update

Montgomery MPO

Study Name : **South Blvd PM WB Study**
 Study Date : **11/5/2013**
 Page No. : **9**

Detailed Statistics By Run

Time <= 55 MPH by Section

South Blvd PM-WB-001 t
 South Blvd PM-WB-002 t
 South Blvd PM-WB-003 t

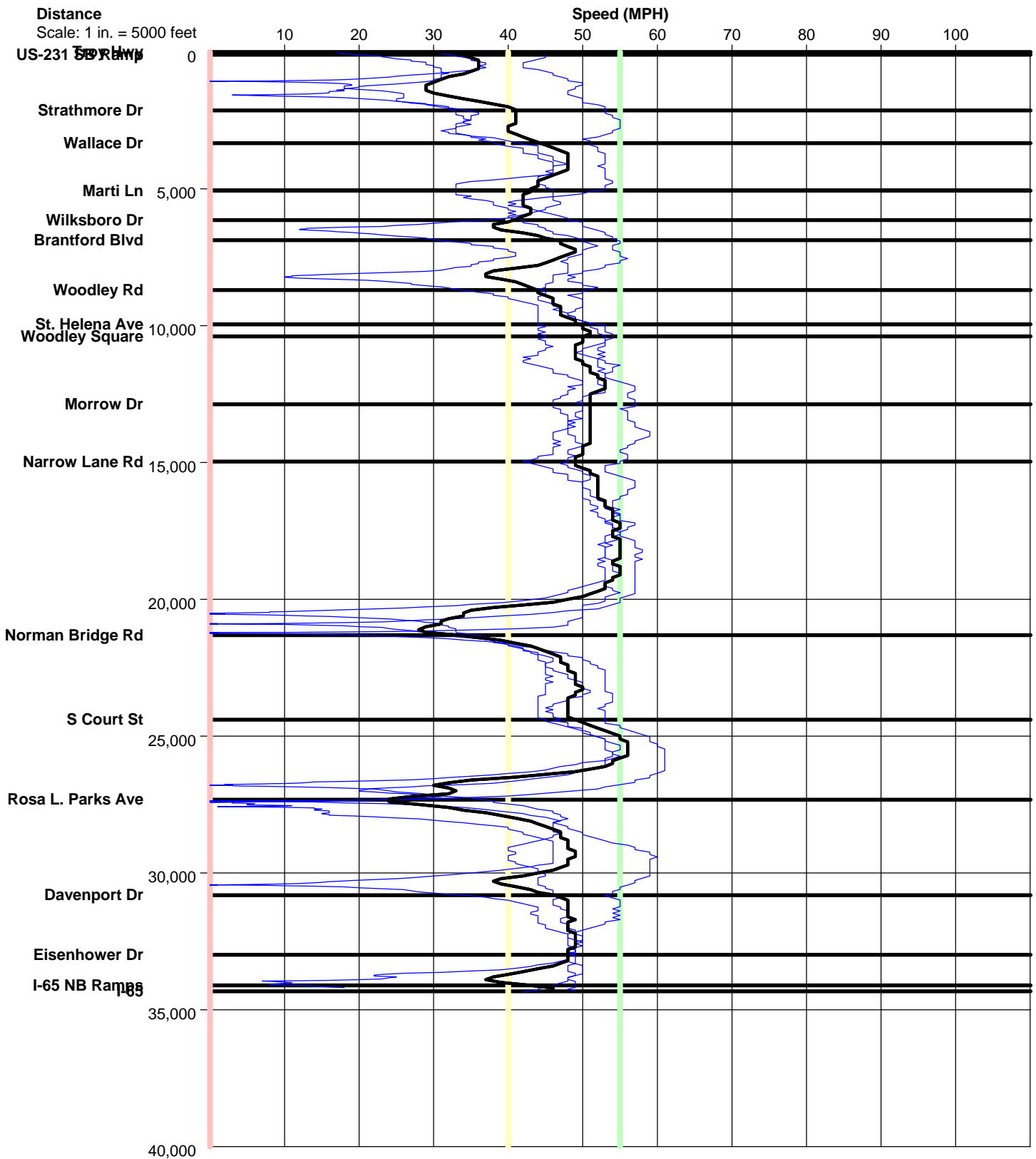
Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Troy Hwy			
2	98	US-231 SB Ramp	3	2	4
3	2029	Strathmore Dr	72	29	62
4	1207	Wallace Dr	24	14	24
5	1725	Marti Ln	28	22	26
6	1080	Wilksboro Dr	20	16	17
7	735	Brantford Blvd	11	10	23
8	1822	Woodley Rd	26	21	45
9	1247	St. Helena Ave	18	17	20
10	446	Woodley Square	6	6	7
11	2484	Morrow Dr	32	21	37
12	2094	Narrow Lane Rd	29	1	31
13	6340	Norman Bridge Rd	156	58	151
14	3088	S Court St	44	47	49
15	2924	Rosa L. Parks Ave	12	47	80
16	3494	Davenport Dr	58	54	129
17	2178	Eisenhower Dr	28	31	33
18	1116	I-65 NB Ramps	16	16	33
19	214	I-65	2	3	3
Totals	34321		585	415	774

Congestion Management Plan Update

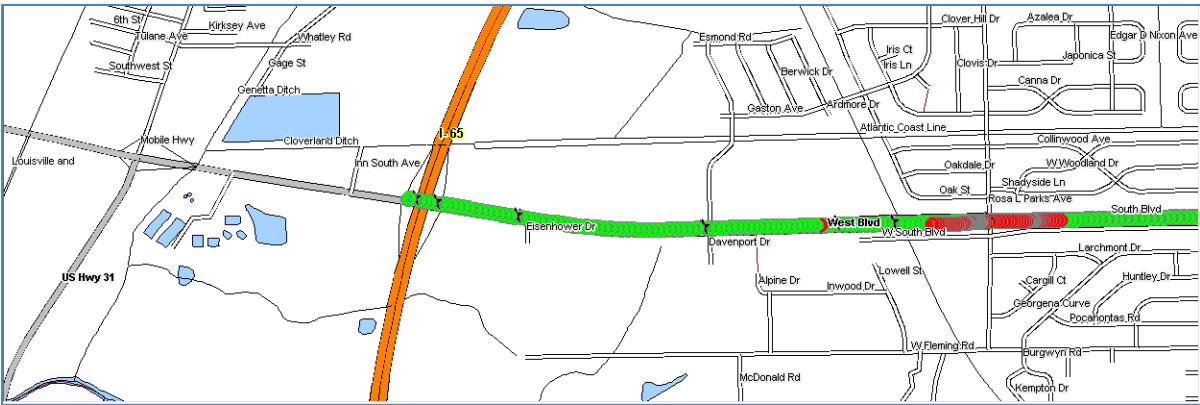
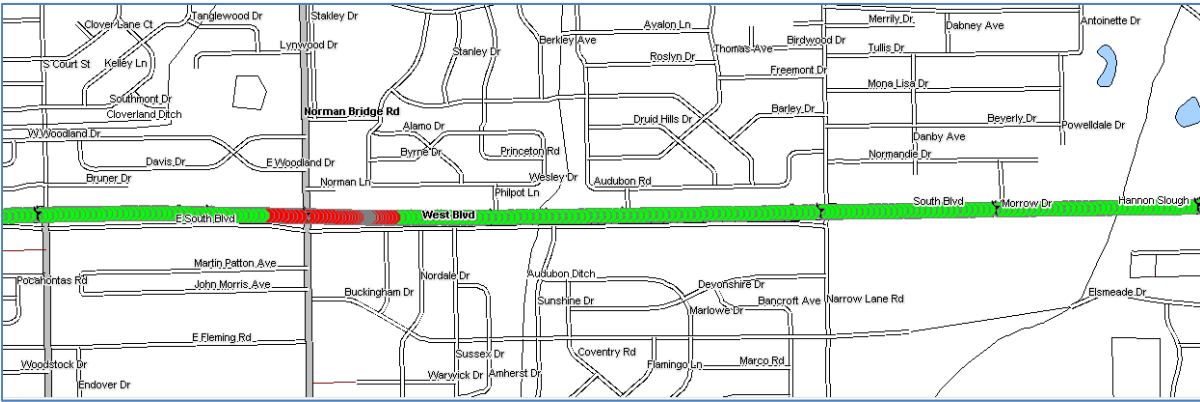
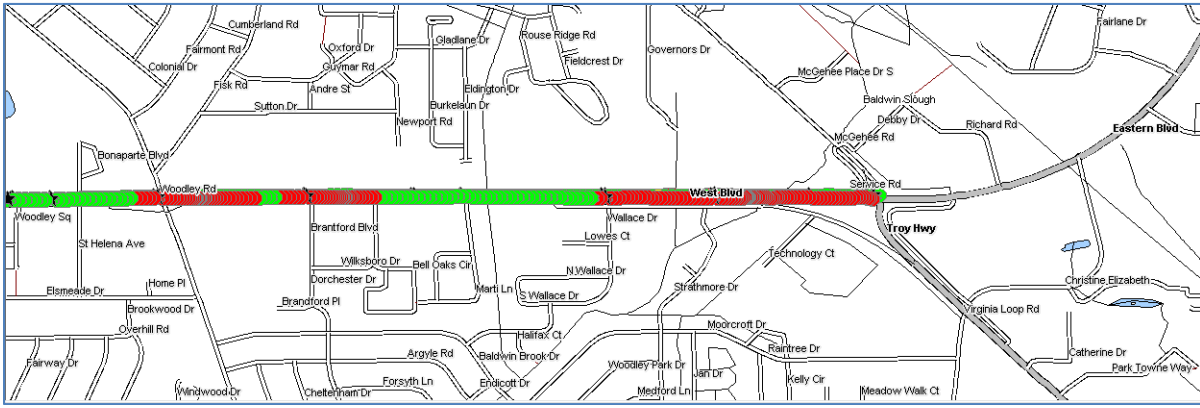
Montgomery MPO

Study Name : South Blvd PM WB Study
Study Date : 11/5/2013
Page No. : 10

Speed/Distance Profiles of All Runs



South Blvd PM WB



Color Code Speeds

Speed 1	0	To	40
Speed 2	40	To	55
Speed 3	55	To	99