

Comparison of taxi (hackney carriage) tariffs

WBC current

Shows the true WBC current fares for initial distance/waiting time ("flag") and subsequent distances, compared to the values shown on the table presented by the Trade to the Licensing Committee meeting on 18 July 2017

	Distance (yards)	Unit (yards)	Units (per mile)	Tariff 1				Tariff 2				Tariff 3			
				WBC current tariff			(per Trade table)	WBC current tariff			(per Trade table)	WBC current tariff			(per Trade table)
				Unit price	Total for stage	Cumulative		Unit price	Total for stage	Cumulative		Unit price	Total for stage	Cumulative	
Flag	377.1429			£ 2.80	£ 2.80	£ 2.80	£ 2.80	£ 3.80	£ 3.80	£ 3.80	£ 3.80	£ 4.80	£ 4.80	£ 4.80	£ 4.80
Balance of first mile	1382.8571	123.2493	11.22	£ 0.15	£ 1.68	£ 4.48	£ 4.60	£ 0.20	£ 2.59	£ 6.39	£ 6.40	£ 0.30	£ 3.37	£ 8.17	£ 8.10
2	1760	123.2493	14.28	£ 0.15	£ 2.14	£ 6.62	£ 6.55	£ 0.20	£ 2.86	£ 9.24	£ 9.60	£ 0.30	£ 4.28	£ 12.45	£ 12.30
3	1760	123.2493	14.28	£ 0.15	£ 2.14	£ 8.77	£ 8.65	£ 0.20	£ 2.86	£ 12.10	£ 12.80	£ 0.30	£ 4.28	£ 16.73	£ 16.50
4	1760	123.2493	14.28	£ 0.15	£ 2.14	£ 10.91	£ 10.75	£ 0.20	£ 2.86	£ 14.96	£ 16.00	£ 0.30	£ 4.28	£ 21.02	£ 20.70
5	1760	123.2493	14.28	£ 0.15	£ 2.14	£ 13.05	£ 12.85	£ 0.20	£ 2.86	£ 17.81	£ 19.20	£ 0.30	£ 4.28	£ 25.30	£ 24.90
6	1760	123.2493	14.28	£ 0.15	£ 2.14	£ 15.19	£ 14.95	£ 0.20	£ 2.86	£ 20.67	£ 22.40	£ 0.30	£ 4.28	£ 29.59	£ 29.10
7	1760	123.2493	14.28	£ 0.15	£ 2.14	£ 17.33	£ 17.05	£ 0.20	£ 2.86	£ 23.52	£ 25.80	£ 0.30	£ 4.28	£ 33.87	£ 33.30
8	1760	123.2493	14.28	£ 0.15	£ 2.14	£ 19.48	£ 19.15	£ 0.20	£ 2.86	£ 26.38	£ 28.80	£ 0.30	£ 4.28	£ 38.15	£ 37.80
9	1760	123.2493	14.28	£ 0.15	£ 2.14	£ 21.62	£ 21.25	£ 0.20	£ 2.86	£ 29.24	£ 32.00	£ 0.30	£ 4.28	£ 42.44	£ 42.00
10	1760	123.2493	14.28	£ 0.15	£ 2.14	£ 23.76	£ 23.35	£ 0.20	£ 2.86	£ 32.09	£ 35.20	£ 0.30	£ 4.28	£ 46.72	£ 46.20

Comment: (a) the Trade table of current fares is inaccurate; for tariffs 1 & 3 they understate the WBC current fare but for tariff 2 they overstate it (see, eg, the 10 mile Tariff 2 value - the correct WBC current fare is £32.09, whereas the Trade's table showed it as £35.20, making any increase look smaller than it actually is); (b) why are the WBC unit distances for Tariffs 1 & 3 the same, but different for Tariff 2?

Trade proposed

Shows the proposed fares according to the Trade table presented to the meeting, compared to the true values calculated from the proposed unit per distance values

	Distance (yards)	Unit (yards)	Units (per mile)	Tariff 1				Tariff 2				Tariff 3						
				Proposed tariff			(per Trade table)	Current for comparison	Proposed tariff			(per Trade table)	Current for comparison	Proposed tariff			(per Trade table)	Current for comparison
				Unit price	Total for stage	Cumulative			Unit price	Total for stage	Cumulative			Unit price	Total for stage	Cumulative		
Flag	293.3			£ 3.00	£ 3.00	£ 3.00	£ 3.00	£ 4.50	£ 4.50	£ 4.50	£ 4.50	£ 6.00	£ 6.00	£ 6.00	£ 6.00			
Balance of first mile	1466.7	146.7	9.997955	£ 0.20	£ 2.00	£ 5.00	£ 5.00	£ 0.30	£ 3.00	£ 7.50	£ 7.50	£ 0.40	£ 4.00	£ 10.00	£ 10.00			
2	1760	146.7	11.99727	£ 0.20	£ 2.40	£ 7.40	£ 7.20	£ 0.30	£ 3.60	£ 11.10	£ 10.80	£ 0.40	£ 4.80	£ 14.80	£ 14.40			
3	1760	146.7	11.99727	£ 0.20	£ 2.40	£ 9.80	£ 9.40	£ 0.30	£ 3.60	£ 14.70	£ 14.10	£ 0.40	£ 4.80	£ 19.60	£ 18.80			
4	1760	146.7	11.99727	£ 0.20	£ 2.40	£ 12.20	£ 11.60	£ 0.30	£ 3.60	£ 18.30	£ 17.40	£ 0.40	£ 4.80	£ 24.40	£ 23.20			
5	1760	146.7	11.99727	£ 0.20	£ 2.40	£ 14.60	£ 13.80	£ 0.30	£ 3.60	£ 21.90	£ 20.70	£ 0.40	£ 4.80	£ 29.19	£ 27.60			
6	1760	146.7	11.99727	£ 0.20	£ 2.40	£ 17.00	£ 16.00	£ 0.30	£ 3.60	£ 25.50	£ 24.00	£ 0.40	£ 4.80	£ 33.99	£ 32.00			
7	1760	146.7	11.99727	£ 0.20	£ 2.40	£ 19.40	£ 18.20	£ 0.30	£ 3.60	£ 29.09	£ 27.30	£ 0.40	£ 4.80	£ 38.79	£ 36.40			
8	1760	146.7	11.99727	£ 0.20	£ 2.40	£ 21.80	£ 20.40	£ 0.30	£ 3.60	£ 32.69	£ 30.60	£ 0.40	£ 4.80	£ 43.59	£ 40.80			
9	1760	146.7	11.99727	£ 0.20	£ 2.40	£ 24.20	£ 22.60	£ 0.30	£ 3.60	£ 36.29	£ 33.90	£ 0.40	£ 4.80	£ 48.39	£ 45.20			
10	1760	146.7	11.99727	£ 0.20	£ 2.40	£ 26.59	£ 24.80	£ 0.30	£ 3.60	£ 39.89	£ 37.20	£ 0.40	£ 4.80	£ 53.19	£ 49.60			

Comment - the Trade table of proposed fares is also inaccurate and they generally understate the true position, making the proposed new rates actually greater than the Trade state (and thus appear more reasonable than they actually will be). Again using the 10 mile Tariff 2 value, the calculation shows that the new charge would be £39.89, whereas the Trade say it would be £37.20.

Comparison of total fare for distance - WBC (per Trade and actual) v Trade proposal (per Trade and actual)

Comparison of fares from both sets of figures above.

Tariff 1										Tariff 2										Tariff 3									
	WBC per Trade	WBC actual	Proposal per Trade	Proposal Actual	% Increase per Trade	£ Increase per Trade	% Increase actual	£ Increase actual		WBC per Trade	WBC actual	Proposal per Trade	Proposal Actual	% Increase per Trade	£ Increase per Trade	% Increase actual	£ Increase actual		WBC per Trade	WBC actual	Proposal per Trade	Proposal Actual	% Increase per Trade	£ Increase per Trade	% Increase actual	£ Increase actual			
Flag	£ 2.80	£ 2.80	£ 3.00	£ 3.00	7.14%	£ 0.20	7.14%	£ 0.20		£ 3.80	£ 3.80	£ 4.50	£ 4.50	18.42%	£ 0.70	18.42%	£ 0.70		£ 4.80	£ 4.80	£ 6.00	£ 6.00	25.00%	£ 1.20	25.00%	£ 1.20			
1	£ 4.60	£ 4.48	£ 5.00	£ 5.00	8.70%	£ 0.40	11.52%	£ 0.52		£ 6.40	£ 6.39	£ 7.50	£ 7.50	17.19%	£ 1.10	17.39%	£ 1.11		£ 8.10	£ 8.17	£ 10.00	£ 10.00	23.46%	£ 1.90	22.45%	£ 1.83			
2	£ 6.55	£ 6.62	£ 7.20	£ 7.40	9.92%	£ 0.65	11.68%	£ 0.77		£ 9.60	£ 9.24	£ 10.80	£ 11.10	12.50%	£ 1.20	20.08%	£ 1.85		£ 12.30	£ 12.45	£ 14.40	£ 14.80	17.07%	£ 2.10	18.86%	£ 2.35			
3	£ 8.65	£ 8.77	£ 9.40	£ 9.80	8.67%	£ 0.75	11.77%	£ 1.03		£ 12.80	£ 12.10	£ 14.10	£ 14.70	10.16%	£ 1.30	21.46%	£ 2.60		£ 16.50	£ 16.73	£ 18.80	£ 19.60	13.94%	£ 2.30	17.11%	£ 2.86			
4	£ 10.75	£ 10.91	£ 11.60	£ 12.20	7.91%	£ 0.85	11.82%	£ 1.29		£ 16.00	£ 14.96	£ 17.40	£ 18.30	8.75%	£ 1.40	22.33%	£ 3.34		£ 20.70	£ 21.02	£ 23.20	£ 24.40	12.08%	£ 2.50	16.07%	£ 3.38			
5	£ 12.85	£ 13.05	£ 13.80	£ 14.60	7.39%	£ 0.95	11.85%	£ 1.55		£ 19.20	£ 17.81	£ 20.70	£ 21.90	7.81%	£ 1.50	22.93%	£ 4.08		£ 24.90	£ 25.30	£ 27.60	£ 29.19	10.84%	£ 2.70	15.39%	£ 3.89			
6	£ 14.95	£ 15.19	£ 16.00	£ 17.00	7.02%	£ 1.05	11.87%	£ 1.80		£ 22.40	£ 20.67	£ 24.00	£ 25.50	7.14%	£ 1.60	23.35%	£ 4.83		£ 29.10	£ 29.59	£ 32.00	£ 33.99	9.97%	£ 2.90	14.90%	£ 4.41			
7	£ 17.05	£ 17.33	£ 18.20	£ 19.40	6.74%	£ 1.15	11.89%	£ 2.06		£ 25.80	£ 23.52	£ 27.30	£ 29.09	5.81%	£ 1.50	23.68%	£ 5.57		£ 33.30	£ 33.87	£ 36.40	£ 38.79	9.31%	£ 3.10	14.53%	£ 4.92			
8	£ 19.15	£ 19.48	£ 20.40	£ 21.80	6.53%	£ 1.25	11.91%	£ 2.32		£ 28.80	£ 26.38	£ 30.60	£ 32.69	6.25%	£ 1.80	23.93%	£ 6.31		£ 37.80	£ 38.15	£ 40.80	£ 43.59	7.94%	£ 3.00	14.25%	£ 5.44			
9	£ 21.25	£ 21.62	£ 22.60	£ 24.20	6.35%	£ 1.35	11.92%	£ 2.58		£ 32.00	£ 29.24	£ 33.90	£ 36.29	5.94%	£ 1.90	24.14%	£ 7.06		£ 42.00	£ 42.44	£ 45.20	£ 48.39	7.62%	£ 3.20	14.03%	£ 5.95			
10	£ 23.35	£ 23.76	£ 24.80	£ 26.59	6.21%	£ 1.45	11.93%	£ 2.83		£ 35.20	£ 32.09	£ 37.20	£ 39.89	5.68%	£ 2.00	24.30%	£ 7.80		£ 46.20	£ 46.72	£ 49.60	£ 53.19	7.36%	£ 3.40	13.84%	£ 6.47			

Possible - 10th mile units and half mile flag

A suggested way forward - using 176 yards/a tenth mile for all Tariffs and having flag distance at quarter mile (440 yards). Simply a suggestion, no predetermination suggested.

		Tariff 1					
		Suggestion			Trade		
Distance (yards)	Unit (yards)	Units (per mile)	Unit price	Total for stage	Cumulative	proposal (actual)	Current for comparison
Flag	440			£ 3.50	£ 3.50	£ 3.00	£ 2.80
Balance of first mile	1320	176.0	7.5	£ 0.22	£ 1.65	£ 5.15	£ 4.48
2	1760	176.0	10	£ 0.22	£ 2.20	£ 7.35	£ 6.62
3	1760	176.0	10	£ 0.22	£ 2.20	£ 9.55	£ 8.77
4	1760	176.0	10	£ 0.22	£ 2.20	£ 11.75	£ 10.91
5	1760	176.0	10	£ 0.22	£ 2.20	£ 13.95	£ 13.05
6	1760	176.0	10	£ 0.22	£ 2.20	£ 16.15	£ 15.19
7	1760	176.0	10	£ 0.22	£ 2.20	£ 18.35	£ 17.33
8	1760	176.0	10	£ 0.22	£ 2.20	£ 20.55	£ 19.48
9	1760	176.0	10	£ 0.22	£ 2.20	£ 22.75	£ 21.62
10	1760	176.0	10	£ 0.22	£ 2.20	£ 24.95	£ 23.76

		Tariff 2					
		Proposed tariff			Trade		
Distance (yards)	Unit (yards)	Units (per mile)	Unit price	Total for stage	Cumulative	proposal (actual)	Current for comparison
Flag	440			£ 4.00	£ 4.00	£ 4.50	£ 3.80
Balance of first mile	1320	176.0	7.5	£ 0.33	£ 2.48	£ 6.48	£ 6.04
2	1760	176.0	10	£ 0.33	£ 3.30	£ 9.78	£ 8.90
3	1760	176.0	10	£ 0.33	£ 3.30	£ 13.08	£ 11.76
4	1760	176.0	10	£ 0.33	£ 3.30	£ 16.38	£ 14.61
5	1760	176.0	10	£ 0.33	£ 3.30	£ 19.68	£ 17.47
6	1760	176.0	10	£ 0.33	£ 3.30	£ 22.98	£ 20.32
7	1760	176.0	10	£ 0.33	£ 3.30	£ 26.28	£ 23.18
8	1760	176.0	10	£ 0.33	£ 3.30	£ 29.58	£ 26.04
9	1760	176.0	10	£ 0.33	£ 3.30	£ 32.88	£ 28.89
10	1760	176.0	10	£ 0.33	£ 3.30	£ 36.18	£ 31.75

Same unit distances as Tariff 1

		Tariff 3					
		Proposed tariff			Trade		
Distance (yards)	Unit (yards)	Units (per mile)	Unit price	Total for stage	Cumulative	proposal (actual)	Current for comparison
Flag	440			£ 5.50	£ 5.50	£ 6.00	£ 4.80
Balance of first mile	1320	176.0	7.5	£ 0.44	£ 3.30	£ 8.80	£ 8.17
2	1760	176.0	10	£ 0.44	£ 4.40	£ 13.20	£ 12.45
3	1760	176.0	10	£ 0.44	£ 4.40	£ 17.60	£ 16.73
4	1760	176.0	10	£ 0.44	£ 4.40	£ 22.00	£ 21.02
5	1760	176.0	10	£ 0.44	£ 4.40	£ 26.40	£ 25.30
6	1760	176.0	10	£ 0.44	£ 4.40	£ 30.80	£ 29.59
7	1760	176.0	10	£ 0.44	£ 4.40	£ 35.20	£ 33.87
8	1760	176.0	10	£ 0.44	£ 4.40	£ 39.60	£ 38.15
9	1760	176.0	10	£ 0.44	£ 4.40	£ 44.00	£ 42.44
10	1760	176.0	10	£ 0.44	£ 4.40	£ 48.40	£ 46.72

Same unit distances as Tariff 1

Comparison of total fare for distance - WBC actual v 10th mile proposal

		Tariff 1				
		Current	Proposal	% Increase	£ Increase	
(Not compared because different basis)	Flag	£ 2.80	£ 3.50			
	1	£ 4.48	£ 5.15	14.88%	£ 0.67	
	2	£ 6.62	£ 7.35	10.94%	£ 0.73	
	3	£ 8.77	£ 9.55	8.93%	£ 0.78	
	4	£ 10.91	£ 11.75	7.71%	£ 0.84	
	5	£ 13.05	£ 13.95	6.89%	£ 0.90	
	6	£ 15.19	£ 16.15	6.30%	£ 0.96	
	7	£ 17.33	£ 18.35	5.86%	£ 1.02	
	8	£ 19.48	£ 20.55	5.51%	£ 1.07	
	9	£ 21.62	£ 22.75	5.23%	£ 1.13	
	10	£ 23.76	£ 24.95	5.00%	£ 1.19	

		Tariff 2				
		Current	Proposal	% Increase	£ Increase	
	Flag	£ 3.80	£ 4.00			
	1	£ 6.04	£ 6.48	7.13%	£ 0.43	
	2	£ 8.90	£ 9.78	9.83%	£ 0.88	
	3	£ 11.76	£ 13.08	11.22%	£ 1.32	
	4	£ 14.61	£ 16.38	12.07%	£ 1.76	
	5	£ 17.47	£ 19.68	12.63%	£ 2.21	
	6	£ 20.32	£ 22.98	13.04%	£ 2.65	
	7	£ 23.18	£ 26.28	13.35%	£ 3.10	
	8	£ 26.04	£ 29.58	13.59%	£ 3.54	
	9	£ 28.89	£ 32.88	13.79%	£ 3.98	
	10	£ 31.75	£ 36.18	13.94%	£ 4.43	

		Tariff 3				
		Current	Proposal	% Increase	£ Increase	
	Flag	£ 4.80	£ 5.50			
	1	£ 8.17	£ 8.80	7.76%	£ 0.63	
	2	£ 12.45	£ 13.20	6.02%	£ 0.75	
	3	£ 16.73	£ 17.60	5.18%	£ 0.87	
	4	£ 21.02	£ 22.00	4.67%	£ 0.98	
	5	£ 25.30	£ 26.40	4.34%	£ 1.10	
	6	£ 29.59	£ 30.80	4.10%	£ 1.21	
	7	£ 33.87	£ 35.20	3.93%	£ 1.33	
	8	£ 38.15	£ 39.60	3.79%	£ 1.45	
	9	£ 42.44	£ 44.00	3.68%	£ 1.56	
	10	£ 46.72	£ 48.40	3.59%	£ 1.68	