

HB 10 Change in Registration Fee for Trailers.

Current Registered Trailers in Anchorage		Notes					
Total Anchorage trailers	34,746	Total registered non commercial trailers in Anchorage in 2010 from DMV web site					
One to Three Years Old		From Fiscal note for HB 10					
Percent of trailers 1-3 years old	14%	total trailers 1-3 years old = percent of trailers statewide that are 1-3 years old * total number of registered trailers in Anchorage.. Registrations on half will expire in 2012 and half in 2013					
Total Trailers 1-3 years old	4,695	From Fiscal note for HB 10					
Percent electing permanent registration	50%	Assumed. Percent of Trailers that are decommissioned each year and would no longer pay any type of registration fee, either because they no longer function or because they left the state					
Percent of trailers that leave state or no longer register each year	5%						
More than Three Years Old		total trailers older than 3 years = total registered trailers in Anchorage minus number of registered trailers 1-3 years old. Registrations on half will expire in 2012 and half in 2013.					
Total Trailers more than 3 years old	30,051	From Fiscal note for HB 10					
Percent electing permanent registration	20%	Percent of Trailers that are decommissioned each year and would no longer pay any type of registration fee, either because they no longer function or because they left the state					
Percent of trailers that leave state or no longer register each year	10%						
New Trailers in Anchorage		From Fiscal note for HB 10					
Number of new trailers each year in state	5000	From DMV web site					
Anchorage Share of Trailers in state	31%	Total new trailers in state * Anchorage Share					
New trailers registered in Anchorage each year	1,529	From Fiscal note for HB 10					
Percent electing permanent registration	75%	Percent of Trailers that are decommissioned each year and would no longer pay any type of registration fee, either because they no longer function or because they left the state					
Percent of trailers that leave state or no longer register each year	2%						
Biennial trailer registration fee effective in 2012 in Anchorage		Biennial registration fee effective in Anchorage starting in 2012 from Section 16 of AO 2010-81(S)					
Permanent registration fee	100	New optional permanent fee starting in 2012 from HB 10					
		2012	2013	2014	2015	2016	2017
Current: Trailers 1-3 years old in Anchorage							
Total Number of trailers 1-3 years old that switch to permanent	1,174	Number of trailers one to three years old opting for permanent registration each year = number of trailers 1 to 3 years old / 2 * percentage electing permanent registration					
Revenues received from permanent registrations		117,385	111,516				Gain from permanent registrations = number of trailers opting for permanent registration * permanent registration fee.
Revenues lost from trailers that no longer pay biennial registration		(23,477)	(22,303)	(21,188)	(20,129)	(19,122)	(18,166) Loss of Biennial Fees = - number opting for permanent registration * biennial fee.
Current Trailers : older than 3 years old in Anchorage							
Total Number of trailers over 3 years old that switch to permanent	3,005	Number of trailers older than three years old opting for permanent registration each year = number of trailers older than three years / 2 * percentage electing permanent registration					
Revenues received from permanent registrations		300,506	270,455				Gain from permanent registrations = number of trailers opting for permanent registration * permanent registration fee.
Revenues lost from trailers that no longer pay biennial registration		(60,101)	(54,091)	(48,682)	(43,814)	(39,432)	(35,489) Loss of Biennial Fees = - number opting for permanent registration * biennial fee.
New Trailers in Anchorage							
Number of New Trailers each year that switch to permanent	1,147	Number of new trailers opting for permanent registration each year = number of new trailers registered each year * percentage electing permanent registration					
Revenues received from permanent registrations		114,692	112,399	110,151	107,948	105,789	103,673 Gain from permanent registrations = number of new trailers opting for permanent registration * permanent registration fee.
Revenues lost from trailers that no longer pay biennial registration		(22,938)	(22,480)	(22,030)	(21,590)	(21,158)	(20,735) Loss of Biennial Fees = - number opting for permanent registration * biennial fee.
Total Change in Revenues		426,067	395,496	18,251	22,416	26,076	29,283 Sum of all revenue gains and losses for all trailers.

HB 64 Change in Registration Fee for Old Cars

Currently Registered Old Cars in Anchorage

Total passenger cars in Anchorage of all ages	190768
Percent of passenger cars in Anchorage older than 8 years	63%
Number of cars in Anchorage older than 8 years	120,184

Percent electing permanent registration	40%
Percent of old cars that leave state or no longer register each year	10%

Total Number of registered passenger cars in 2010 from DMV website

Percent older than 8 years from Feb 14 email from Alaska Municipal League (Leslie Peters)

Number of Vehicles in Anchorage currently older than 8 years = percentage over eight years * total number of registered passenger cars.. Half of these currently registered cars would renew their registration in 2012 and half in 2013.

Assumed. Change as necessary to investigate alternative scenarios

Assumed. Change as necessary to investigate alternative scenarios. Percent of current registered old cars that would no longer pay any type of registration fee each year either because they break down or leave the state.

Cars that age to more than 8 years each year in Anchorage

Number of cars that age from seven years old to eight years old each year.	8,823
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This is the number of currently registered cars that become eligible for permanent registration each year because they age from seven years to eight years old = (Total number of registered passenger cars minus number of passenger cars more than eight years old) / 8. This assumes that the total cars that are less than eight years old are distributed evenly across each age class. In other words, 1/8 of the cars less than eight years old are one year old, 1/8 are two years old, 1/8 are three years old, and so on.

Percent electing permanent registration	40%
Percent of old cars that leave state or no longer register each year	10%

Assumed, Change as necessary for alternative scenarios.

Percent of current registered old cars that would no longer pay any type of registration fee each year either because they break down or leave the state.

Biennial fee for cars older than 8 years	70
Permanent registration fee	100

Biennial registration fee effective in Anchorage starting in 2012 from Section 16 of AO 2010-81(S)

Optional new permanent fee specified by HB 64. The permanent fee would be the minimum of either \$100 or 5 times the biennial fee. Since \$100 is less than \$350 (=5*\$70), the old cars would have the option of paying \$100 as the permanent fee in Anchorage.

		2012	2013	2014	2015	2016	2017	
Current: Passenger Cars older than 8 years								
Number of cars that are currently 8 years or older and opt for permanent registration and change each year	24,037							Number of cars opting for permanent registration each year = number of cars older than eight years / 2 * percentage electing permanent registration
Revenues received from permanent registration		2,403,677	2,163,309					Gain of Permanent fees = number that opting for permanent registration * permanent registration fee.
Revenues lost from old cars that no longer pay biennial fee.		(1,682,574)	(1,514,316)	(1,362,885)	(1,226,596)	(1,103,937)	(993,543)	Loss of Biennial Fees = number of cars opting for permanent registration * biennial registration fee.
Additional Passenger Cars that age to more than 8 years								
Number of cars that are currently 8 years or less and age each year to over 8 years and opt for permanent registration	3,529							Number of additional cars that age to more than eight years and opt for permanent registration each year = number of cars that age to more than eight years * percentage electing permanent registration
Revenues received from permanent registration		352,921	317,629	285,866	257,279	231,551	208,396	Gain of Permanent fees = number of cars that age to more than eight years and opt for permanent registration * permanent registration fee.
Revenues lost from old cars that no longer pay biennial fee.		(247,045)	(222,340)	(200,106)	(180,095)	(162,086)	(145,877)	Loss of Biennial Fees = number of cars that age to eight years and opt for permanent registration * biennial registration fee.
Total Change in Revenues		826,979	744,281	(1,277,125)	(1,149,412)	(1,034,471)	(931,024)	Sum of all revenue losses and gains for all old cars.