

**HB 10 Change in Registration Fee for Trailers.**

**Current Registered Trailers in Anchorage**

Total Anchorage trailers 34,746

**One to Three Years Old**

Percent of trailers 1-3 years old 14%

Total Trailers 1-3 years old 4,695

Percent electing permanent registration 50%

Percent of trailers that leave state or no longer register each year 5%

**More than Three Years Old**

Total Trailers more than 3 years old 30,051

Percent electing permanent registration 20%

Percent of trailers that leave state or no longer register each year 10%

**New Trailers in Anchorage**

Number of new trailers each year in state 5000

Anchorage Share of Trailers in state 31%

New trailers registered in Anchorage each year 1,529

Percent electing permanent registration 75%

Percent of trailers that leave state or no longer register each year 2%

Biennial trailer registration fee effective in 2012 in Anchorage 20

Permanent registration fee 100

**Notes**

Total registered non commercial trailers in Anchorage in 2010 from DMV web site

From Fiscal note for HB 10

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

From Fiscal note for HB 10

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

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.

From Fiscal note for HB 10

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

From Fiscal note for HB 10

From DMV web site

Total new trailers in state \* Anchorage Share

From Fiscal note for HB 10

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

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

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

Revenues received from permanent registrations 117,385 111,516

Revenues lost from trailers that no longer pay biennial registration (23,477) (22,303) (21,188) (20,129) (19,122) (18,166)

**Current Trailers : older than 3 years old in Anchorage**

Total Number of trailers over 3 years old that switch to permanent 3,005

Revenues received from permanent registrations 300,506 270,455

Revenues lost from trailers that no longer pay biennial registration (60,101) (54,091) (48,682) (43,814) (39,432) (35,489)

**New Trailers in Anchorage**

Number of New Trailers each year that switch to permanent 1,147

Revenues received from permanent registrations 114,692 112,399 110,151 107,948 105,789 103,673

Revenues lost from trailers that no longer pay biennial registration (22,938) (22,480) (22,030) (21,590) (21,158) (20,735)

**Total Change in Revenues**

**426,067 395,496 18,251 22,416 26,076 29,283**

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  
Gain from permanent registrations = number of trailers opting for permanent registration \* permanent registration fee.  
Loss of Biennial Fees = - number opting for permanent registration \* biennial fee.

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  
Gain from permanent registrations = number of trailers opting for permanent registration \* permanent registration fee.  
Loss of Biennial Fees = - number opting for permanent registration \* biennial fee.

Number of new trailers opting for permanent registration each year = number of new trailers registered each year \* percentage electing permanent registration  
Gain from permanent registrations = number of new trailers opting for permanent registration \* permanent registration fee.  
Loss of Biennial Fees = - number opting for permanent registration \* biennial fee.

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

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.  
 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	
<b>Current: Passenger Cars older than 8 years</b>							
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.
<b>Additional Passenger Cars that age to more than 8 years</b>							
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.
<b>Total Change in Revenues</b>	<b>826,979</b>	<b>744,281</b>	<b>(1,277,125)</b>	<b>(1,149,412)</b>	<b>(1,034,471)</b>	<b>(931,024)</b>	<b>Sum of all revenue losses and gains for all old cars.</b>