#### UNITED STATES DISTRICT COURT MIDDLE DISTRICT OF TENNESSEE - NASHVILLE DIVISION

CHRISTOPHER GANN, LEANDRE BISHOP, KEVIN BURKE, ELISA CABEBE, ISRAEL CHIA, KRISTA COSTA, HILLARY DICK, JURA GERALD, SEIJI SILER-HYATTE, JEANINE INGRASSIA, ARNIKA IRELAND, MONTELL JONES, MICHAEL KANZLER, ALEXANDRA MCCULLOUGH, TERESE MIRANDA, AUTUMN PIERCE, ROBERT H. WEINBERG, LASHANDRIKA WILLIAMS, AND LAURA WINDOM, individually and on behalf of all others similarly situated,

Plaintiff,

v.

NISSAN NORTH AMERICA, INC., a California corporation,

Defendant.

Case No. 3:18-cv-00966

**CLASS ACTION** 

DECLARATION OF LEE BOWRON, ACAS, MAAA

District Judge Eli Richardson Courtroom 874 Magistrate Judge Alistair E. Newbern Courtroom 774

#### JURY TRIAL DEMANDED

I, Lee Bowron, ACAS, MAAA, hereby declare as follows:

1. I am a member of the American Academy of Actuaries ("MAAA") and meet its qualification standards for statements of actuarial opinion regarding extended service contract liabilities. I am also an Associate of the Casualty Actuarial Society ("ACAS"). I have worked as a professional actuary for the past twenty-nine years.

2. I co-founded the Kerper Bowron actuarial consulting firm seventeen years ago, and I am currently a Member/Manager of the firm, which is located in Jefferson County, Alabama. I have continued in my role as a Principal and Actuary at the Kerper Bowron Firm since its founding. My practice has and does focus on automotive extended service contracts, GAP coverage, and captive market issues. Further details regarding my qualifications are set forth in my current *curriculum vitae*, which is attached hereto as Exhibit 1.

3. Class Counsel engaged Kerper and Bowron, LLC, to calculate the retail price of the extended warranty covering the transmission and related components in the 2013-2016 Nissan Altima vehicles equipped with continuously variable transmissions (the "Class Vehicles") for an additional 24 months or 24,000 miles after the manufacturer's warranty expiration.

4. As set forth in detail in my Report, attached hereto as Exhibit 2 and incorporated by reference, I calculated a range of retail prices for a 24-month extended warranty for the Class Vehicles. Based on the number of Class Vehicles, my analysis and computation resulted in a range of suggested retail prices for this warranty from \$377,088,000 to \$512,395,000, with a point estimate of \$444,741,000. These estimates are made within a reasonable degree of actuarial probability or certainty, as set forth in the Report.

5. These estimated values were calculated in accordance with accepted actuarial standards and principles. My conclusions are based on my education, training, and experience, as well as the information I reviewed, which includes warranty claims spreadsheets for transmission related repairs in the Class Vehicles; the Second Amended Class Action Complaint; and discovery responses provided by Nissan North America, Inc. regarding the subject transmissions at issue, the number of Class Vehicles, and other information.

I declare under penalty of perjury under the laws of United States of America that the foregoing is true and correct, and I would competently testify as to any of the foregoing in a court of law if called upon to do so. Executed this 22nd day of January 2020, at Birmingham, Alabama.

Lee M. Bouron

Lee Bowron, ACAS, MAAA

# Exhibit 1

#### 400 Vestavia Pkwy Ste 131 205-870-0595

Birmingham, AL 35216 lee@kerper-bowron.com

# Lee M. Bowron, ACAS, MAAA

Work	Kerper and Bowron LLC, Birmingham, AL Principal
Experience	March 2001 - Present
	<ul> <li>Founded consulting firm in March 2001. Clients include insurance companies, state governments, reinsurance companies, managing general agencies and financial consulting firms.</li> </ul>
	<ul> <li>Practice focuses on extended service contract, GAP, and captive market. Representative projects include:</li> </ul>
	Statutory Loss Reserve Opinion for regional service contract company
	Product development for a major auto service contract company
	<ul> <li>Evaluation of liabilities for a major risk retention group for auto service contract</li> </ul>
	Auto service contract rate filings for a major auto service contract company
	Expert testimony on a service contract dispute
	<ul> <li>Development of pro-forma and reinsurance captive accounting for a regional service contract company</li> </ul>
	Acquisition due diligence for purchase of a service contract writers.
	J. Huell Briscoe and Associates, Chicago
	Vice President
	2013 - Present
	<ul> <li>General management and strategic planning for Chicago based reinsurance accounting firm.</li> </ul>
	The General Auto Insurance, Nashville, TN
	February 1999 – February 2001
	Vice President and Chief Actuary
	September 1993 – February 1999
	Actuary
	<ul> <li>Broad responsibility for reserving and pricing for a book of private passenger, reinsurance, and captive operations. Responsible for</li> </ul>

	managing the staff of both the product management and the actuarial department.				
	Responsible for developing data warehouse.				
	• Reported to the CEO and participated in strategic planning, reinsurance strategies and information system implementations.				
	• Supervised the pricing and product development of a new non-standard program in several states.				
	• Responsible for all actuarial activities of the company, including ratemaking, reserving and statistical reporting				
	Assisted in acquisitions and negotiated loss portfolio transfer of reserve liabilities				
	Alfa Insurance Companies, Montgomery, AL July 1990 – August 1993				
	Actuarial Analyst				
	• Ratemaking for 2 <sup>nd</sup> largest insurer in the state of Alabama				
Education	1989 University of the South Sewanee, TN BS , Mathematics				
Professional	Associate, Casualty Actuarial Society				
activities	Member, American Academy of Actuaries				
	Approved Actuary for Captive Feasibility Studies, Alabama, Oklahoma, Tennessee, South Carolina and the District of Columbia				
	Trustee, Birmingham Historical Society				
	Speaker, CAS Annual Meeting Fall 2007				
	Speaker, CAS Annual Meeting Fall 2007 Speaker, Casualty Actuaries of the Southeast, Fall 1998, March 2001, Fall 2007				
	Speaker, Casualty Actuaries of the Southeast, Fall 1998, March 2001, Fall				
	Speaker, Casualty Actuaries of the Southeast, Fall 1998, March 2001, Fall 2007				
	Speaker, Casualty Actuaries of the Southeast, Fall 1998, March 2001, Fall 2007 Speaker, Midwest Actuarial Forum Fall 2007				
	Speaker, Casualty Actuaries of the Southeast, Fall 1998, March 2001, Fall 2007 Speaker, Midwest Actuarial Forum Fall 2007 Speaker, Southwest Actuarial Forum Spring 2008				
	Speaker, Casualty Actuaries of the Southeast, Fall 1998, March 2001, Fall 2007 Speaker, Midwest Actuarial Forum Fall 2007 Speaker, Southwest Actuarial Forum Spring 2008 Speaker, Quebec Actuarial, Spring 2008				
	<ul> <li>Speaker, Casualty Actuaries of the Southeast, Fall 1998, March 2001, Fall 2007</li> <li>Speaker, Midwest Actuarial Forum Fall 2007</li> <li>Speaker, Southwest Actuarial Forum Spring 2008</li> <li>Speaker, Quebec Actuarial, Spring 2008</li> <li>Panelist, Ratemaking Seminar (2001, 2002)</li> <li>Panelist, Dynamic Financial Analysis Seminar (2001)</li> </ul>				
	Speaker, Casualty Actuaries of the Southeast, Fall 1998, March 2001, Fall 2007 Speaker, Midwest Actuarial Forum Fall 2007 Speaker, Southwest Actuarial Forum Spring 2008 Speaker, Quebec Actuarial, Spring 2008 Panelist, Ratemaking Seminar (2001, 2002)				

	Member, CASE Competition Committee
	Actuarial liaison to the University of Alabama
	Former Member, Ratemaking Committee
	Former Chair, Open Source Software Committee
	Former Member, Webinar Committee
Publications	"GAP Insurance—Techniques and Challenges", Casualty Actuarial Society E- Forum, Winter 2011-Volume 2
	"An Exposure Based Approach to Automobile Service contract Ratemaking and Reserving", Casualty Actuarial Society Forum, Spring 2007
	"Ratemaking for Maximum Profitability", published in the 2001 Ratemaking Discussion Forum
	"Zipf's Law", published in the January 2004 issue of Contingencies
	"Staying in the Race", published in the December 2001 issue of Best's Review.

# Exhibit 2



Nissan 24 Month Extended Warranty Analysis of Retail Price - Final

January 24, 2020

Submitted By: Kerper and Bowron, LLC 400 Vestavia Pkwy Suite 131 Birmingham, AL 35216 (205) 870-0595 Fax: (815) 301-6769 Prepared by: Lee Bowron, ACAS, MAAA

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# Purpose of Report

At the request of the Class Counsel, Kerper and Bowron LLC was engaged to calculate a retail price for an extended service contract covering the transmission and related components for 24 months or 24,000 miles after the manufacturer's warranty. I have performed a review, and my findings are set forth below.

The vehicles eligible for extended warranties are equipped with Continuously Variable Transmissions (CVTs) and include the following vehicles.

- Altima for the 2013 to 2016 Model Years
- Juke for 2013 to 2017 Model Years
- Sentra for the 2013 to 2017 Model Years, Versa for the 2012 to 2017 Model Years, and Versa Note for the 2014 to 2017 Model Years

These 3 breakouts are the vehicles covered by separate class action settlements. Therefore, the results are aggregated for each of the categories above.

The retail prices were calculated for a 24 month or 24,000-mile extension to the transmission portion of the warranty, which is 60 months or 60,000 miles.

The data and conclusions in this report are provided to support the proposed settlements and may not be appropriate for any other purpose.

#### **Executive Summary**

Our point estimate suggested retail price for the extended warranty is shown in the table below:

Nissan 24K/24 Month Extension Expected Retail Costs (000s)

	(1)	(2)	(3)
	Vehicles		Retail
	in	Retail Price	Price Cost per
Models in Case	Class	Point Estimate	Warranty
Altima	1,419,641	444,741	313
Juke	143,224	19,929	139
Sentra-Versa-Versa Note	1,677,774	477,445	285

The retail price of a service contract is typically made up of 3 components: a loss fund, administrator cost, and marketing fee. The loss fund is generally the expected amount of losses plus a margin for premium taxes and profit. The administrator will receive a fee for administering the product, such as issuing the service contract, adjudicating claims and processing transfer and other transactions. The marketer will receive a fee for selling the product.

Adding the insurance, administrator and marketer pieces, we calculated a range of suggested retail prices for this warranty.

# Scope and Limitations

#### Data Reliance

In performing this analysis, we relied upon data and other information provided to us by Class Counsel and Nissan North America (Nissan), as well as industry sources of data. We did not independently audit or verify this data and information as such a review was beyond the scope of our assignment. We have no reason to believe it is inaccurate or incomplete and did not find material defects in the data.

#### Significant Digits

Numbers in the exhibits are generally shown to more significant digits than their accuracy suggests. This has been done to simplify review of the calculations.

#### Interpretation of Conclusions

Some of the assumptions, methods, and conclusions in this report are of a significantly technical nature. The recipient should understand the assumptions, methodology and possible variability in results that are inherent in our conclusions.

#### Uncertainty

Due to the uncertainties inherent in the estimation of future costs, it cannot be guaranteed that the estimates set forth in the report will not prove to be inadequate or excessive and actual costs may vary significantly from our estimates.

#### Unanticipated Changes

Unanticipated changes in factors such as judicial decisions, legislation actions, claim consciousness, claim management, claim settlement practices, and economic conditions may alter the conclusions.

#### Best Estimate

These caveats and limitations notwithstanding, the conclusions represent our best estimate of the suggested retail price for this extended warranty, and are made within a reasonable degree of actuarial probability or certainty.

#### **Number of Vehicles Affected**

The number of vehicles in each class described above is in the table below:

Table 1

	Class
Make	Vehicles
Altima	1,419,641
Juke	143,224
Sentra-Versa - Versa Note	1,677,774

The settlement documents indicate that the warranty will begin after the final approval of the settlement. However, claims occurring before final approval will be reimbursed, subject to some constraints. Our estimate is based on all claims which are projected to occur after the expiration of the original underlying manufacturer's warranty but within the 24 months/24,000-mile extension.

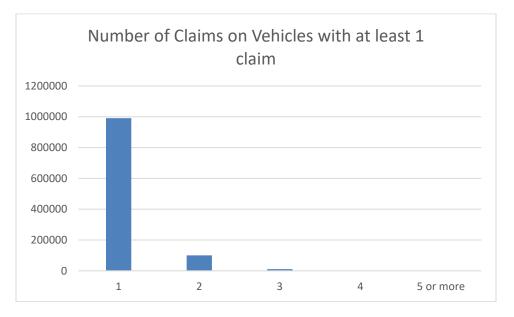
# Data Analyzed

The following data was provided by Class Counsel and Nissan:

- Complaints, Motions for Preliminary Approvals, and Settlement Agreements for the 3 class actions
- > Detailed listing of all warranty claims paid through approximately May 15, 2019.
- > Nissan's response to discovery queries posed by Plaintiff's counsel
- > An analysis by Nissan of the CVT incidence rates for the subject vehicles

The detailed data was extensive and noted the mileage, claim date, paid amount, cause of loss and other factors.





A percentage of claims appeared to be paid outside of the Manufacturer's Warranty of 60 months and 60,000 miles.

For the analysis, claims outside the warranty were not considered because it is not clear if the claims being paid Out-of-Warranty are a complete set of claims because Nissan was not obligated to pay these claims.

Claims were excluded that were older than 61 months or over 60,100 miles at the time of the claim. The slightly additional time is to account for clams which might be paid to accommodate customers.

About 18% of the claims were estimated to be out of the Manufacturer's Warranty. About 4% of claims were outside the warranty extension of 24 months and 24,000 miles.

#### Major and Minor Claims

There are several different types of clams related to CVTs. These included relatively minor inspections to full transmission replacements.

Exercising our professional judgment, we assigned any claim over \$2,500 as a Major claim, which would typically be a transmission replacement.

The reason for separating these claims is that this allowed the focus of the analysis to be on modelling the future exposure of the Major claims. Minor claims, which have higher incidence rates and lower severities, might distort the model and are relatively small percentage of the overall liability to Nissan.

The Minor claims were assumed to be in proportion to their historical average and added to the projected Major claims to form the ultimate estimated cost for Nissan.

### **Development of Expected Losses**

The estimate of expected losses is further discussed below. The general formula utilized is:

(Number of vehicles in extended warranty period (or Exposures) x Frequency of Major Claims in extended warranty period x Severity of Major Claims in extended warranty period) + Estimate of Minor Claims

# **Development of Exposures**

Nissan provided the number of eligible vehicles by Make and Model Year. Also provided in the detailed data was the in-service date of each vehicle which had a claim. Using this data, we estimated the quarter and year that each vehicle was sold.

For each quarter, the number of vehicles was divided by 4 to form annual exposures. In addition, a number of vehicles will drive more than the 60,000 miles underlying the manufacturer's warranty. For this reason, the number of eligible vehicles will decrease each month as more vehicles "mile out." The claims data provided indicated the mileage at the time of the claim as well as the in-service date of the vehicle. Using this information, we reduced exposures using the factors on Exhibit 2.

In a similar way, exposure estimates were formed for the 24 months/24,000-mile extension.

#### Frequency of Problem

Frequency of transmission problems were calculated by using the developed exposures by calendar year and quarter with the number of major claims divided by the exposures for each quarter. We also examined exposures by age and time but noted no credible change in exposure periods over time. Frequency estimates are on Exhibit 3. The frequencies for the Juke model are low compared to other Nissan models.

#### Severity of Repair

Severity estimates are included on Exhibit 4. Because severity is subject to increases over time, we selected a current severity and an inflationary estimate and adjusted the expected claims cost over time. In general, severities were stable and inflationary measures did not significantly diverge from recent inflation patterns.

#### **Development of Expected Loss**

On Exhibit 5, the expected losses were developed using the selected frequency, severity and exposures to calculate the expected loss for each quarter.

#### Minor Cost Provision

As noted above, the analysis only considers claims above \$2,500. The historical percentage of claims below \$2,500 is examined and this margin is added to the expected loss. This can be seen on Exhibit 6.

#### Insurance Expenses

Insurance expenses are relatively small and reflect premium tax and a profit margin for the cost of capital. The amount selected was 2.5% for premium taxes and 4% for profit, for a 6.5% margin.

#### Administrative Costs

We estimated administrative costs to be \$37.50 on this program which is consistent with other types of programs for small service contracts. Since the Juke model has a significantly lower cost per exposure, we reduced administrative expenses on this program by 50%.

#### Marketing Fee

Markups on these programs by auto dealers or service contract writers vary widely, but are usually around 100% (with direct marketed programs having, in general, even higher markups). Often the markups are flat and since the service contract cost is low, the percentage markup would likely be higher in the marketplace, but we have conservatively selected a 100% markup on loss cost and administrator cost.

#### Range of Results

As this is a point estimate and the actual results are subject to deviation, we formed a range of reasonable estimates. This does not mean that the actual results will be within this range, rather that the expected value of the retail price of the program can be reasonably ascertained within this range.

For the expected loss estimate, we created a range of +/-20%. We did not form a range around the other elements, such as markup, insurance costs and administrative fees. However, since some of these elements are a function of the expected losses, lower expected losses will result in lower estimates for these items as well.

#### Nissan 24K/24 Month Extension Development of Expected Liability (000s)

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	Vehicles			Administrative						
	in	Expected	Insurance	Cost per	Administrative	Retail	Retail Price	Retail Price	Retail Price	Retail Price
Model	Class	Costs	Costs	Warranty	Costs	Markup	Point Estimate	Cost per Warranty	Low End of Range	High End of Range
Altima	1,419,641	158,140	10,994	37.50	53,237	222,371	444,741	313	377,088	512,395
Juke	143,224	6,806	473	18.75	2,685	9,965	19,929	139	17,018	22,841
Sentra	1,009,708	113,773	7,909	37.50	37,864	159,546	319,092	316	270,419	367,765
Versa	426,202	33,518	2,330	37.50	15,983	51,830	103,660	243	89,321	117,999
Versa Note	241,864	17,088	1,188	37.50	9,070	27,346	54,692	226	47,382	62,002
By Case Altima	1,419,641	158,140	10,994	37.50	53,237	222,371	444,741	313	377,088	512,395
Juke	143,224	6,806	473	18.75	2,685	9,965	19,929	139	17,018	22,841
Sentra-Versa-Versa Note	1,677,774	164,378	11,427	37.50	62,917	238,722	477,445	285	407,122	547,767

(2)	(7) from Ex VI
(3)	[(2) ÷ .935] - (2)
(5)	(4) x (1) ÷ 1000
(6)	(2) + (3) + (5)
(7)	(6) x 2
(0)	(=) (1) 1000

(8) (7) ÷ (1) x 1000

(9)  $[(2) \times .8 + [(2)^*.8] \div .935 + (5)] \times 2$ 

(10)  $[(2) \times 1.2 + [(2)^*1.2] \div .935] + (5)] \times 2$ 

#### Nissan 24K/24 Month Extension **Development of Loss Estimate - Altima**

	(1)	(2)	(3)	(4)
		Alt	ima	
	Settlement	Expected	Expected	Expected
	Exposures	Claims	Severity	Losses (000s)
201103	-	-	3,202	-
201103	_	-	3,202	-
201104	_		3,205	
201201	_		3,221	_
201202	_	_	3,228	_
201203	_		3,234	
201204	- 3	- 0	3,241	0
201302	9	0	3,241	1
201302	32	1	3,254	2
201303	95	2	3,260	5
201304	269	5	3,267	15
201402	674	11	3,207	37
201402	1,539	26	3,280	86
201403	3,094	53	3,286	173
201404	5,595	95	3,293	313
201501				513
	9,128	155 230	3,300 3,306	759
201503	13,510		,	
201504	18,593	316 408	3,313	1,047
201601	24,004		3,319	1,355
201602	29,747	506	3,326	1,682
201603	35,588	605	3,333	2,016
201604	41,567	707	3,339	2,360
201701	47,554	808	3,346	2,705
201702	53,541	910	3,353	3,052
201703	62,513	1,063	3,359	3,570
201704	72,441	1,232	3,366	4,145
201801	84,723	1,440	3,373	4,858
201802	95,065	1,616	3,380	5,462
201803	104,483	1,776	3,386	6,015
201804	111,045	1,888	3,393	6,406
201901	116,722	1,984	3,400	6,747
201902	119,948	2,039	3,407	6,947
201903	119,018	2,023	3,414	6,907
201904	115,563	1,965	3,420	6,720
202001	109,828	1,867	3,427	6,399
202002	104,044	1,769	3,434	6,074
202003	98,364	1,672	3,441	5,754
202004	93,128	1,583	3,448	5,459
202101	90,737	1,543	3,455	5,329
202102	84,716	1,440	3,462	4,985
202103	75,548	1,284	3,469	4,455
202104	65,453	1,113	3,476	3,867
202201	53,892	916	3,483	3,191
202202	43,293	736	3,489	2,568
202203	32,917	560	3,496	1,957
202204	23,789	404	3,503	1,417
202301	12,035	205	3,510	718
202302	5,052	86	3,517	302
202303	1,812	31	3,525	109
202304	418	7	3,532	25
202401	82	1	3,539	5
202402	27	0	3,546	2
202403	12	0	3,553	1
202404	7	0	3,560	0
202501	-	-	3,567	-

Frequency	1.7%
Severity	3,400
Trend	0.8%

#### Total

(2) (3) (1) x Frequency Severity x [1+ [Trend ÷ 4]]^[Number of Quarters from 201901]

(4) (2) x (3) ÷ 1000 126,512

#### Nissan 24K/24 Month Extension Development of Loss Estimate - Juke

	(1)	(2)	(3)	(4)
		JL	ıke	
	Settlement	Expected	Expected	Expected
	Exposures	Claims	Severity	Losses (000s)
201103	-	-	3,218	-
201104	-	-	3,230	-
201201	-	-	3,242	-
201202	-	-	3,254	-
201203	-	-	3,266	-
201204	-	-	3,278	-
201301	0	0	3,291	0
201302	1	0	3,303	0
201303	4	0	3,315	0
201304	13	0	3,328	0
201401	37	0	3,340	1
201402	91	1	3,353	2
201403	208	2	3,365	6
201404	418	3	3,378	11
201501	755	6	3,391	20
201502	1,228	10	3,403	33
201503	1,809	14	3,416	49
201504	2,472	20	3,429	68
201601	3,160	25	3,442	87
201602	3,865	31	3,455	107
201603	4,543	36	3,468	126
201604	5,190	42	3,481	145
201701 201702	5,776	46	3,494	161 177
201702	6,294 7,160	50 57	3,507 3,520	202
201703	8,107	65	3,533	202
201704	9,346	75	3,533	265
201802	10,308	82	3,560	294
201803	11,148	89	3,573	319
201804	11,631	93	3,587	334
201901	12,081	97	3,600	348
201902	12,296	98	3,614	355
201903	11,908	95	3,627	346
201904	11,167	89	3,641	325
202001	10,096	81	3,654	295
202002	9,119	73	3,668	268
202003	8,203	66	3,682	242
202004	7,495	60	3,696	222
202101	6,994	56	3,709	208
202102	6,342	51	3,723	189
202103	5,635	45	3,737	168
202104	5,045	40	3,751	151
202201	4,461	36	3,765	134
202202	3,904	31	3,780	118
202203	3,285	26	3,794	100
202204	2,698	22	3,808	82 57
202301 202302	1,853 1,302	15 10	3,822 3,837	40
202302	984	8	3,857 3,851	40 30
202303	725	6	3,851	22
202304	458	4	3,880	14
202402	252	2	3,894	8
202403	125	1	3,909	4
202404	36	0	3,924	1
202501	6	0	3,938	0

Frequency	0.8%
Severity	3,600
Trend	1.5%

#### Total

(2) (1) x Frequency

(3) Severity x [1+ [Trend ÷ 4]]^[Number of Quarters from 201901]

(4) (2) x (3) ÷ 1000

6,364

#### Nissan 24K/24 Month Extension Development of Loss Estimate - Sentra

Settlement Exposures         Expected Claims         Expected Severity         Expected Losses (000s)           201103         -         -         3,128         -           201104         -         -         3,152         -           201201         -         -         3,164         -           201202         -         -         3,152         -           201204         -         -         3,157         -           201301         1         0         3,199         0           201302         4         0         3,223         1           201303         14         0         3,223         1           201304         11         1         3,235         3           201401         116         2         3,248         8           201402         291         6         3,327         444           201403         668         13         3,272         444           201404         1,352         27         3,284         89           201501         2,470         49         3,297         163           201502         4,093         82         3,3371         1,242 <th></th> <th>(1)</th> <th>(2)</th> <th>(3)</th> <th>(4)</th>		(1)	(2)	(3)	(4)
Settlement Exposures         Expected Claims         Expected Severity         Expected Losses (000s)           201103         -         -         3,128         -           201104         -         -         3,140         -           201202         -         -         3,152         -           201203         -         -         3,164         -           201301         1         0         3,199         00           201302         4         0         3,223         1           201303         14         0         3,223         1           201403         668         13         3,272         44           201403         668         13         3,272         44           201403         668         13         3,272         44           201403         668         13         3,272         44           201404         1,352         277         3,284         89           201501         2,470         49         3,297         163           201502         4,093         82         3,309         271           201503         6,194         124         3,334         584 <td></td> <td></td> <td>Se</td> <td>ntra</td> <td></td>			Se	ntra	
ExposuresClaimsSeverityLosses (000s)201103-3,128-201104-3,140-201202-3,161-201203-3,175-201204-3,187-201305-3,187-201304-3,187-201305-3,187-201304-3,2331201305-3,24888201402291-3,24888201402291-3,24889201403-3,2724442014041,3522773,284892015054,093-3,2371412015044,0938283,30921712015054,0938283,309172120150514,9622993,3531,42620160214,9622993,3541,48620160214,9622993,3541,42620160314,8133683,3711,24220160421,5574393,4361,42620170438,5227703,4352,64720180460,9761,2203,4843,74120180460,9761,2203,4843,74120180460,9761,2203,4843,74120180460,9751,2403,5634,5572019051,4053,5655,5713,565 <td></td> <td>Settlement</td> <td></td> <td></td> <td>Expected</td>		Settlement			Expected
201103         -         -         3,128         -           201104         -         -         3,152         -           201202         -         -         3,154         -           201203         -         -         3,187         -           201301         1         0         3,213         0           201303         14         0         3,223         1           201303         14         0         3,213         1           201304         41         1         3,235         3           201401         116         2         3,248         8           201402         291         6         3,260         19           201403         668         13         3,272         44           201404         1,352         27         3,284         89           201502         4,093         82         3,309         271           201503         6,194         124         3,321         411           201504         8,765         175         3,334         584           201602         14,962         299         3,359         1,005           201					•
201104         -         -         3,140         -           201201         -         -         3,152         -           201203         -         -         3,167         -           201301         1         0         3,199         0           201302         4         0         3,211         0           201303         14         0         3,223         1           201304         41         1         3,235         3           201401         116         2         3,248         8           201402         291         6         3,260         19           201403         668         13         3,272         44           201501         2,470         49         3,297         163           201502         4,093         82         3,309         271           201503         6,194         124         3,344         742           201601         11,691         234         3,345         760           201602         14,962         299         3,351         1,005           201603         18,413         368         3,371         1,242	201103	-	-		-
201201         -         -         3,152         -           201202         -         -         3,175         -           201203         -         -         3,187         -           201301         1         0         3,199         0           201302         4         0         3,211         0           201303         14         0         3,223         1           201304         41         1         3,235         3           201402         291         6         3,260         19           201403         668         13         3,272         44           201404         1,352         27         3,284         89           201501         2,470         49         3,297         163           201502         4,093         82         3,309         271           201503         6,194         124         3,321         411           201502         4,093         82         3,309         1729           201603         18,413         368         3,371         1,242           201604         21,957         439         3,384         1,486		_	_		-
201202         -         -         3,164         -           201203         -         -         3,175         -           201301         1         0         3,199         0           201302         4         0         3,211         0           201303         14         0         3,223         1           201304         41         1         3,235         3           201401         116         2         3,248         8           201402         291         6         3,260         19           201403         668         13         3,272         44           201404         1,352         27         3,284         89           201501         2,470         49         3,297         163           201502         4,093         82         3,309         271           201503         6,194         124         3,346         782           201602         14,962         299         3,359         1,005           201603         18,413         368         3,371         1,242           201604         21,957         439         3,448         3,074		_			
201203         -         -         3,175         -           201301         1         0         3,199         0           201302         4         0         3,213         1           201303         14         0         3,223         1           201304         41         1         3,235         3           201401         116         2         3,248         8           201402         291         6         3,260         19           201403         668         13         3,272         44           201501         2,470         49         3,297         163           201502         4,093         82         3,309         271           201503         6,194         124         3,346         782           201602         14,962         299         3,359         1,005           201602         14,962         299         3,359         1,025           201603         18,413         368         3,371         1,242           201604         21,957         3,93         3,729           201702         28,867         577         3,403         4,641		_	_		-
201204         -         -         3,187         -           201301         1         0         3,199         0           201302         4         0         3,211         0           201303         14         0         3,223         1           201304         41         1         3,235         3           201401         116         2         3,248         8           201402         291         6         3,260         19           201403         668         13         3,272         44           201502         4,093         82         3,309         271           201503         6,194         124         3,321         411           201504         8,765         175         3,334         584           201601         11,691         234         3,346         782           201602         14,962         299         3,59         1,005           201603         18,413         368         3,371         1,242           201604         21,957         439         3,384         1,486           201701         25,450         509         3,371         1,242		_			
201301         1         0         3,199         0           201302         4         0         3,211         0           201303         14         0         3,223         1           201304         41         1         3,235         3           201401         16         2         3,248         8           201402         291         6         3,260         19           201403         668         13         3,272         44           201404         1,352         27         3,284         89           201501         2,470         49         3,227         141           201502         4,093         82         3,309         271           201503         6,194         124         3,321         411           201504         8,765         175         3,334         584           201602         14,962         299         3,359         1,005           201602         14,962         299         3,384         1,486           201701         25,450         509         3,397         1,729           201702         28,867         577         3,409         1,688 </td <td></td> <td>_</td> <td>_</td> <td></td> <td>-</td>		_	_		-
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201504         8,765         175         3,334         584           201601         11,691         234         3,346         782           201602         14,962         299         3,359         1,005           201603         18,413         368         3,371         1,242           201604         21,957         439         3,384         1,486           201701         25,450         509         3,397         1,729           201702         28,867         577         3,409         1,968           201703         33,498         670         3,422         2,293           201704         38,522         770         3,435         2,647           201802         50,038         1,001         3,461         3,464           201802         50,038         1,001         3,461         3,464           201802         50,038         1,014         3,474         3,871           201804         60,976         1,220         3,487         4,252           201901         66,535         1,331         3,500         4,657           201902         71,015         1,420         3,513         4,990           202104					
20160111,6912343,34678220160214,9622993,3591,00520160318,4133683,3711,24220160421,9574393,3841,48620170125,4505093,3971,72920170228,8675773,4091,96820170333,4986703,4222,29320170438,5227703,4352,64720180144,5758923,4483,07420180250,0381,0013,4613,46420180355,7181,1143,4743,87120180460,9761,2203,4874,25220190166,5351,3313,5004,65720190271,0151,4203,5134,99020190373,3221,4663,5265,17120190474,0221,4803,5405,24020200173,4621,4693,5535,22020200272,2521,4453,5665,15320210370,2431,4053,5795,02920210467,6131,3523,5934,85920210262,9951,2603,6204,56120210358,4351,1693,6334,24620210455,2031,1043,6474,02720220550,4681,0093,6753,70920220441,0008203,7023,03620230322,185<					
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201603         18,413         368         3,371         1,242           201604         21,957         439         3,384         1,486           201701         25,450         509         3,397         1,729           201702         28,867         577         3,409         1,968           201703         33,498         670         3,422         2,293           201704         38,522         770         3,435         2,647           201801         44,575         892         3,448         3,074           201802         50,038         1,001         3,461         3,464           201803         55,718         1,114         3,474         3,871           201804         60,976         1,220         3,487         4,252           201901         66,535         1,331         3,500         4,657           201902         71,015         1,420         3,513         4,990           201903         73,322         1,466         3,526         5,171           201904         74,022         1,480         3,540         5,240           202001         73,462         1,469         3,553         5,220           <					
20160421,9574393,3841,48620170125,4505093,3971,72920170228,8675773,4091,96820170333,4986703,4222,29320170438,5227703,4352,64720180144,5758923,4483,07420180250,0381,0013,4613,46420180355,7181,1143,4743,87120180460,9761,2203,4874,25220190166,5351,3313,5004,65720190271,0151,4203,5134,99020190373,3221,4663,5265,17120190474,0221,4803,5405,24020200173,4621,4693,5535,22020200272,2521,4453,5665,15320200370,2431,4053,5795,02920210467,6131,3523,5934,85920210262,9951,2603,6204,56120210358,4351,1693,6334,24620210455,2031,1043,6474,02720220550,4681,0093,6753,70920220441,0008203,7023,03620230322,1854443,7441,66120230417,3273473,7581,302202404864173,81566					
20170125,4505093,3971,72920170228,8675773,4091,96820170333,4986703,4222,29320170438,5227703,4352,64720180144,5758923,4483,07420180250,0381,0013,4613,46420180355,7181,1143,4743,87120190460,9761,2203,4874,25220190166,5351,3313,5004,65720190271,0151,4203,5134,99020190373,3221,4663,5265,17120190474,0221,4803,5405,24020200173,4621,4693,5535,22020200272,2521,4453,5665,15320200370,2431,4053,5795,02920210467,6131,3523,5934,85920210262,9951,2603,6614,78920210358,4351,1693,6334,24620210455,2031,1043,6613,89420220250,4681,0093,6753,70920220345,9389193,6883,38920220441,0008203,7023,03620230322,1854443,7441,66120230322,1854443,7441,66120240415,541233,7864662024033,061 <td< td=""><td></td><td></td><td></td><td></td><td></td></td<>					
201702         28,867         577         3,409         1,968           201703         33,498         670         3,422         2,293           201704         38,522         770         3,435         2,647           201801         44,575         892         3,448         3,074           201802         50,038         1,001         3,461         3,464           201803         55,718         1,114         3,474         3,871           201901         66,535         1,331         3,500         4,657           201902         71,015         1,420         3,513         4,990           201903         73,322         1,466         3,526         5,171           201904         74,022         1,480         3,540         5,240           202001         73,462         1,469         3,553         5,220           202002         72,252         1,445         3,566         5,153           202003         70,243         1,405         3,579         5,029           202104         67,613         1,352         3,593         4,859           202102         62,995         1,260         3,661         3,894					
201703         33,498         670         3,422         2,293           201704         38,522         770         3,435         2,647           201801         44,575         892         3,448         3,074           201802         50,038         1,001         3,461         3,464           201803         55,718         1,114         3,474         3,871           201804         60,976         1,220         3,487         4,252           201901         66,535         1,331         3,500         4,657           201902         71,015         1,420         3,513         4,990           201903         73,322         1,466         3,526         5,171           201904         74,022         1,480         3,540         5,240           202001         73,462         1,469         3,553         5,220           202002         72,252         1,445         3,566         5,153           202003         70,243         1,405         3,579         5,029           202104         67,613         1,352         3,593         4,859           202102         62,995         1,260         3,620         4,561					
201704         38,522         770         3,435         2,647           201801         44,575         892         3,448         3,074           201802         50,038         1,001         3,461         3,464           201803         55,718         1,114         3,474         3,871           201804         60,976         1,220         3,487         4,252           201901         66,535         1,331         3,500         4,657           201902         71,015         1,420         3,513         4,990           201903         73,322         1,466         3,526         5,171           201904         74,022         1,480         3,540         5,240           202001         73,462         1,469         3,553         5,220           202002         72,252         1,445         3,566         5,153           202003         70,243         1,405         3,579         5,029           202104         67,613         1,352         3,593         4,859           202102         62,995         1,260         3,660         4,789           202102         62,995         1,260         3,675         3,709					
201801         44,575         892         3,448         3,074           201802         50,038         1,001         3,461         3,464           201803         55,718         1,114         3,474         3,871           201804         60,976         1,220         3,487         4,252           201901         66,535         1,331         3,500         4,657           201902         71,015         1,420         3,513         4,990           201903         73,322         1,466         3,526         5,171           201904         74,022         1,480         3,540         5,240           202001         73,462         1,469         3,553         5,220           202002         72,252         1,445         3,566         5,153           202003         70,243         1,405         3,579         5,029           202004         67,613         1,328         3,606         4,789           202102         62,995         1,260         3,620         4,561           202103         58,435         1,169         3,633         4,246           202104         55,203         1,104         3,647         4,027 <t< td=""><td></td><td></td><td></td><td></td><td></td></t<>					
20180250,0381,0013,4613,46420180355,7181,1143,4743,87120180460,9761,2203,4874,25220190166,5351,3313,5004,65720190271,0151,4203,5134,99020190373,3221,4663,5265,17120190474,0221,4803,5405,24020200173,4621,4693,5535,22020200272,2521,4453,5665,15320200370,2431,4053,5795,02920200467,6131,3523,5934,85920210262,9951,2603,6604,78920210358,4351,1693,6334,24620210455,2031,1043,6474,02720220550,4681,0093,6753,70920220441,0008203,7023,03620230322,1854443,7441,66120230322,1854443,7441,66120230322,1854443,7441,66120240411,1252233,7728392024026,1541233,7864662024033,061613,800233202404864173,81566				,	
201803         55,718         1,114         3,474         3,871           201803         60,976         1,220         3,487         4,252           201901         66,535         1,331         3,500         4,657           201902         71,015         1,420         3,513         4,990           201903         73,322         1,466         3,526         5,171           201904         74,022         1,480         3,540         5,240           202001         73,462         1,469         3,553         5,220           202002         72,252         1,445         3,566         5,153           202003         70,243         1,405         3,579         5,029           202004         67,613         1,352         3,593         4,859           202102         62,995         1,260         3,620         4,561           202103         58,435         1,169         3,633         4,246           202104         55,203         1,104         3,647         4,027           202201         53,191         1,064         3,661         3,894           202202         50,468         1,009         3,675         3,709					
20180460,9761,2203,4874,25220190166,5351,3313,5004,65720190271,0151,4203,5134,99020190373,3221,4663,5265,17120190474,0221,4803,5405,24020200173,4621,4693,5535,22020200272,2521,4453,5665,15320200370,2431,4053,5795,02920200467,6131,3523,5934,85920210166,3901,3283,6064,78920210262,9951,2603,6204,56120210358,4351,1693,6334,24620210455,2031,1043,6474,02720220359,4681,0093,6753,70920220441,0008203,7023,03620230322,1854443,7441,66120230322,1854443,7441,66120230322,1854443,7441,66120230322,1854443,7441,66120240411,1252233,7728392024026,1541233,7864662024033,061613,800233202404864173,81566					
20190166,5351,3313,5004,65720190271,0151,4203,5134,99020190373,3221,4663,5265,17120190474,0221,4803,5405,24020200173,4621,4693,5535,22020200272,2521,4453,5665,15320200370,2431,4053,5795,02920200467,6131,3523,5934,85920210166,3901,3283,6064,78920210262,9951,2603,6204,56120210358,4351,1693,6334,24620210455,2031,1043,6474,02720220153,1911,0643,6613,89420220250,4681,0093,6753,70920220345,9389193,6883,38920220441,0008203,7023,03620230322,1854443,7441,66120230322,1854443,7441,66120230417,3273473,7581,30220240111,1252233,7728392024026,1541233,7864662024033,061613,800233202404864173,81566					
20190271,0151,4203,5134,99020190373,3221,4663,5265,17120190474,0221,4803,5405,24020200173,4621,4693,5535,22020200272,2521,4453,5665,15320200370,2431,4053,5795,02920200467,6131,3523,5934,85920210166,3901,3283,6064,78920210262,9951,2603,6204,56120210358,4351,1693,6334,24620210455,2031,1043,6474,02720220153,1911,0643,6613,89420220250,4681,0093,6753,70920220345,9389193,6883,38920220441,0008203,7023,03620230322,1854443,7441,66120230322,1854443,7441,66120230417,3273473,7581,30220240111,1252233,7728392024026,1541233,7864662024033,061613,800233202404864173,81566					
201903         73,322         1,466         3,526         5,171           201904         74,022         1,480         3,540         5,240           202001         73,462         1,469         3,553         5,220           202002         72,252         1,445         3,566         5,153           202003         70,243         1,405         3,579         5,029           202104         67,613         1,352         3,593         4,859           202102         62,995         1,260         3,660         4,789           202103         58,435         1,169         3,633         4,246           202104         55,203         1,104         3,661         3,894           202202         50,468         1,009         3,675         3,709           202203         45,938         919         3,688         3,389           202204         41,000         820         3,702         3,036           202303         22,185         444         3,744         1,661           202304         17,327         347         3,758         1,302           202404         1,514         123         3,786         466					
201904         74,022         1,480         3,540         5,240           202001         73,462         1,469         3,553         5,220           202002         72,252         1,445         3,566         5,153           202003         70,243         1,405         3,579         5,029           202004         67,613         1,352         3,593         4,859           202101         66,390         1,328         3,606         4,789           202102         62,995         1,260         3,620         4,561           202103         58,435         1,169         3,633         4,246           202104         55,203         1,104         3,661         3,894           202202         50,468         1,009         3,675         3,709           202203         45,938         919         3,688         3,389           202204         41,000         820         3,702         3,036           202301         32,665         653         3,716         2,428           202302         26,544         531         3,730         1,980           202303         22,185         444         3,744         1,661					
202001         73,462         1,469         3,553         5,220           202002         72,252         1,445         3,566         5,153           202003         70,243         1,405         3,579         5,029           202004         67,613         1,352         3,593         4,859           202101         66,390         1,328         3,606         4,789           202102         62,995         1,260         3,620         4,561           202103         58,435         1,169         3,633         4,246           202104         55,203         1,104         3,647         4,027           202201         53,191         1,064         3,661         3,894           202202         50,468         1,009         3,675         3,709           202203         45,938         919         3,688         3,389           202204         41,000         820         3,702         3,036           202301         32,665         653         3,716         2,428           202302         26,544         531         3,730         1,980           202303         22,185         444         3,744         1,661					
202002         72,252         1,445         3,566         5,153           202003         70,243         1,405         3,579         5,029           202004         67,613         1,352         3,593         4,859           202101         66,390         1,328         3,606         4,789           202102         62,995         1,260         3,620         4,561           202103         58,435         1,169         3,633         4,246           202104         55,203         1,104         3,647         4,027           202201         53,191         1,064         3,661         3,894           202202         50,468         1,009         3,675         3,709           202203         45,938         919         3,688         3,389           202204         41,000         820         3,702         3,036           202301         32,665         653         3,716         2,428           202302         26,544         531         3,730         1,980           202303         22,185         444         3,744         1,661           202404         1,125         223         3,772         839 <t< td=""><td></td><td></td><td></td><td></td><td></td></t<>					
202003         70,243         1,405         3,579         5,029           202004         67,613         1,352         3,593         4,859           202101         66,390         1,328         3,606         4,789           202102         62,995         1,260         3,620         4,561           202103         58,435         1,169         3,633         4,246           202104         55,203         1,104         3,647         4,027           202201         53,191         1,064         3,661         3,894           202202         50,468         1,009         3,675         3,709           202203         45,938         919         3,688         3,389           202204         41,000         820         3,702         3,036           202303         22,665         653         3,716         2,428           202302         26,544         531         3,730         1,980           202303         22,185         444         3,744         1,661           202304         17,327         347         3,758         1,302           202401         11,125         223         3,772         839 <td< td=""><td></td><td></td><td></td><td></td><td></td></td<>					
20200467,6131,3523,5934,85920210166,3901,3283,6064,78920210262,9951,2603,6204,56120210358,4351,1693,6334,24620210455,2031,1043,6474,02720220153,1911,0643,6613,89420220250,4681,0093,6753,70920220345,9389193,6883,38920220441,0008203,7023,03620230132,6656533,7162,42820230226,5445313,7301,98020230322,1854443,7441,66120230417,3273473,7581,30220240111,1252233,7728392024026,1541233,7864662024033,061613,800233202404864173,81566					
20210166,3901,3283,6064,78920210262,9951,2603,6204,56120210358,4351,1693,6334,24620210455,2031,1043,6474,02720220153,1911,0643,6613,89420220250,4681,0093,6753,70920220345,9389193,6883,38920220441,0008203,7023,03620230132,6656533,7162,42820230226,5445313,7301,98020230322,1854443,7441,66120230417,3273473,7581,30220240111,1252233,7728392024026,1541233,7864662024033,061613,800233202404864173,81566					
20210262,9951,2603,6204,56120210358,4351,1693,6334,24620210455,2031,1043,6474,02720220153,1911,0643,6613,89420220250,4681,0093,6753,70920220345,9389193,6883,38920220441,0008203,7023,03620230132,6656533,7162,42820230226,5445313,7301,98020230322,1854443,7441,66120230417,3273473,7581,30220240111,1252233,7728392024026,1541233,7864662024033,061613,800233202404864173,81566					
20210358,4351,1693,6334,24620210455,2031,1043,6474,02720220153,1911,0643,6613,89420220250,4681,0093,6753,70920220345,9389193,6883,38920220441,0008203,7023,03620230132,6656533,7162,42820230226,5445313,7301,98020230322,1854443,7441,66120230417,3273473,7581,30220240111,1252233,7728392024026,1541233,7864662024033,061613,800233202404864173,81566		,			
202104         55,203         1,104         3,647         4,027           202201         53,191         1,064         3,661         3,894           202202         50,468         1,009         3,675         3,709           202203         45,938         919         3,688         3,389           202204         41,000         820         3,702         3,036           202301         32,665         653         3,716         2,428           202302         26,544         531         3,730         1,980           202303         22,185         444         3,744         1,661           202304         17,327         347         3,758         1,302           202401         11,125         223         3,772         839           202402         6,154         123         3,786         466           202403         3,061         61         3,800         233           202404         864         17         3,815         66		,			
202201         53,191         1,064         3,661         3,894           202202         50,468         1,009         3,675         3,709           202203         45,938         919         3,688         3,389           202204         41,000         820         3,702         3,036           202301         32,665         653         3,716         2,428           202302         26,544         531         3,730         1,980           202303         22,185         444         3,744         1,661           202304         17,327         347         3,758         1,302           202401         11,125         223         3,772         839           202402         6,154         123         3,786         466           202403         3,061         61         3,800         233           202404         864         17         3,815         66					
202202         50,468         1,009         3,675         3,709           202203         45,938         919         3,688         3,389           202204         41,000         820         3,702         3,036           202301         32,665         653         3,716         2,428           202302         26,544         531         3,730         1,980           202303         22,185         444         3,744         1,661           202304         17,327         347         3,758         1,302           202401         11,125         223         3,772         839           202402         6,154         123         3,786         466           202403         3,061         61         3,800         233           202404         864         17         3,815         66					
20220345,9389193,6883,38920220441,0008203,7023,03620230132,6656533,7162,42820230226,5445313,7301,98020230322,1854443,7441,66120230417,3273473,7581,30220240111,1252233,7728392024026,1541233,7864662024033,061613,800233202404864173,81566					
20220441,0008203,7023,03620230132,6656533,7162,42820230226,5445313,7301,98020230322,1854443,7441,66120230417,3273473,7581,30220240111,1252233,7728392024026,1541233,7864662024033,061613,800233202404864173,81566					
20230132,6656533,7162,42820230226,5445313,7301,98020230322,1854443,7441,66120230417,3273473,7581,30220240111,1252233,7728392024026,1541233,7864662024033,061613,800233202404864173,81566					
202302         26,544         531         3,730         1,980           202303         22,185         444         3,744         1,661           202304         17,327         347         3,758         1,302           202401         11,125         223         3,772         839           202402         6,154         123         3,786         466           202403         3,061         61         3,800         233           202404         864         17         3,815         66					
202303         22,185         444         3,744         1,661           202304         17,327         347         3,758         1,302           202401         11,125         223         3,772         839           202402         6,154         123         3,786         466           202403         3,061         61         3,800         233           202404         864         17         3,815         66					
202304         17,327         347         3,758         1,302           202401         11,125         223         3,772         839           202402         6,154         123         3,786         466           202403         3,061         61         3,800         233           202404         864         17         3,815         66					
202401         11,125         223         3,772         839           202402         6,154         123         3,786         466           202403         3,061         61         3,800         233           202404         864         17         3,815         66					
202402         6,154         123         3,786         466           202403         3,061         61         3,800         233           202404         864         17         3,815         66					
202403         3,061         61         3,800         233           202404         864         17         3,815         66					
202404 864 17 3,815 66					
,0					
			-	-,	-

Frequency	2.0%
Severity	3,500
Trend	1.5%

#### Total

(2) (1) x Frequency

(3) Severity x [1+ [Trend ÷ 4]]^[Number of Quarters from 201901]

(4) (2) x (3) ÷ 1000

110,360

#### Nissan 24K/24 Month Extension **Development of Loss Estimate - Versa**

	(1)	(2)	(3)	(4)
		Ve	ersa	
	Settlement	Expected	Expected	Expected
	Exposures	Claims	Severity	Losses (000s)
201103	-	-	3,085	-
201104	-	-	3,095	-
201201	1	0	3,105	0
201202	2	0	3,115	0
201203	8	0	3,125	0
201204	23	0	3,135	1
201301	63	1	3,145	3
201302	157	2	3,155	6
201303	353	5	3,166	15
201304	696	9	3,176	29
201401	1,226	16	3,186	51
201402	1,948	25	3,197	81
201403	2,804	36	3,207	117
201404	3,752	49	3,218	157
201501	4,756	62	3,228	200
201502	5,809	76	3,238	245
201503	6,883	89	3,249	291
201504	,	104	3,260	338
201601 201602	9,084	118 132	3,270 3,281	386
201602	10,191 11,984	152	3,281	435 513
201003	14,134	130	3,302	607
201004	16,192	211	3,313	697
201701	17,864	232	3,313	772
201702	19,595	255	3,334	849
201703	20,958	255	3,345	911
201801	22,445	292	3,356	979
201802	23,758	309	3,367	1,040
201803	24,506	319	3,378	1,076
201804	24,751	322	3,389	1,090
201901	25,095	326	3,400	1,109
201902	25,435	331	3,411	1,128
201903	25,456	331	3,422	1,132
201904	25,521	332	3,433	1,139
202001	25,456	331	3,444	1,140
202002	25,190	327	3,456	1,132
202003	24,664	321	3,467	1,112
202004	24,020	312	3,478	1,086
202101	24,247	315	3,489	1,100
202102	23,496	305	3,501	1,069
202103	22,031	286	3,512	1,006
202104	20,821	271	3,524	954
202201	19,916	259	3,535	915
202202	18,782	244	3,546	866
202203	17,043	222	3,558	788
202204		196	3,570	699
202301	11,567	150	3,581	538
202302	9,023	117	3,593	421
202303	7,342	95	3,604	344
202304		73	3,616	266
202401	3,613	47	3,628	170
202402	1,997	26	3,640	95
202403	993	13	3,652	47
202404		4	3,663	13
202501	44	1	3,675	2

Т	ot	a	I

(1) x Frequency

(2) (3) Severity x [1+ [Trend ÷ 4]]^[Number of Quarters from 201901]

(4) (2) x (3) ÷ 1000 29,160

Frequency

Severity

Trend

1.3%

3,400

1.3%

#### Nissan 24K/24 Month Extension **Development of Loss Estimate - VersaNote**

	(1)	(2)	(3)	(4)
		Vers	aNote	
	Settlement	Expected	Expected	Expected
	Exposures	Claims	Severity	Losses (000s)
201103	-	-	3,202	-
201104	-	-	3,209	-
201201	-	-	3,215	-
201202	-	-	3,221	-
201203	-	-	3,228	-
201204	-	-	3,234	-
201301	-	-	3,241	-
201302	-	-	3,247	-
201303	-	-	3,254	-
201304	0	0	3,260	0
201401	1	0	3,267	0
201402	3	0	3,273	0
201403	8	0	3,280	0
201404	24	0	3,286	1
201501	65	1	3,293	3
201502	158	2	3,300	6
201503	348	4	3,306	14
201504	682	8	3,313	27
201601	1,206	14	3,319	48
201602	1,930	23	3,326	77
201603	2,830	34	3,333	113
201604	3,855	46	3,339	154
201701	4,964	60	3,346	199
201702	6,146	74	3,353	247 298
201703	7,381	89 104	3,359	
201704	8,661	104	3,366	350
201801	9,942	119	3,373	402
201802	11,316	136	3,380	459
201803 201804	12,962 14,913	156 179	3,386 3,393	527 607
201804	16,954	203	3,400	692
201901	18,534	203	3,400	758
201902	18,534	222	3,407	808
201903	20,526	237	3,414	843
201004	21,278	255	3,427	875
202001	21,278	255	3,434	888
202002	21,337	255	3,441	881
202003	20,344	230	3,448	842
202101	19,604	235	3,455	813
202102	18,152	218	3,462	754
202103	16,276	195	3,469	677
202103	14,521	174	3,476	606
202201	12,722	153	3,483	532
202202	10,992	132	3,489	460
202203	9,107	109	3,496	382
202204	7,373	88	3,503	310
202301	4,976	60	3,510	210
202302	3,443	41	3,517	145
202303	2,573	31	3,525	109
202304	1,883	23	3,532	80
202401	1,186	14	3,539	50
202402	654	8	3,546	28
202403	325	4	3,553	14
202404	92	1	3,560	4
202501	14	0	3,567	1

Total

```
15,294
```

- (2)
- (1) x Frequency Severity x [1+ [Trend ÷ 4]]^[Number of Quarters from 201901] (3)
- (4) (2) x (3) ÷ 1000

Frequency

Severity

Trend

1.2%

3,400 0.8%

#### Nissan 24K/24 Month Extension Minor Claims Provision (000s)

	(1)	(2)	(3)	(4)	(5)
	Expected	Percentage	Selected	Expected	Expected
	Major	Historical	Historical	Minor	Total
Model	Costs	Minor	Minor	Costs	Costs
Altima	126,512	20.2%	20.0%	31,628	158,140
Juke	6,364	6.4%	6.5%	442	6,806
Sentra	110,360	3.1%	3.0%	3,413	113,773
Versa	29,160	13.2%	13.0%	4,357	33,518
Versa Note	15,294	10.7%	10.5%	1,794	17,088

(1) Sum of (4) From Ex V

(4) (3) x (1) ÷ [1-(3)]

(5) (1) + (4)