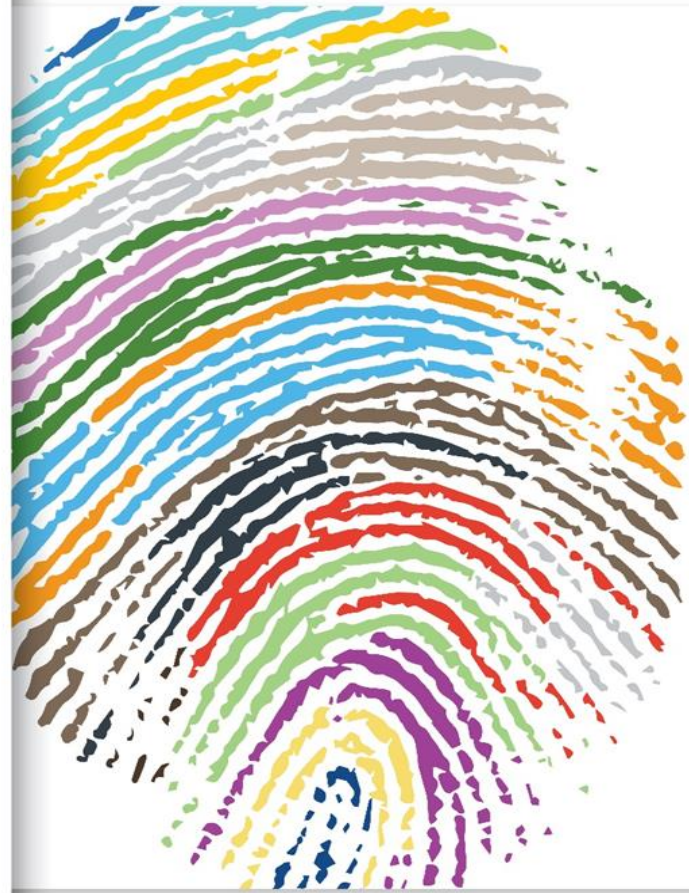


# Incurred But Not Reported (IBNR)

As of  
January 31, 2021



## Prepared By:

**Ryan C. Gold**

*Actuary*

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March 4, 2021

Mr. David Spence  
Consultant  
NFP OKC

Re: OKHEEI Health Plan Incurred But Not Paid Liability (IBNR)

Dear Mr. Spence:

Attached please find a Statement of Actuarial Opinion, a Statement of Actuarial Assumptions and worksheets regarding the unpaid Medical, Rx and ZeroCard claims of the OKHEEI Health Plan as of 1/31/2021.

My estimate for the 1/31/2021 IBNR is \$2,166,528 for Medical, Rx and ZeroCard. This amount is gross of any potential stop loss recoverables. Potential stop loss recoverables are \$39,762, which means the net liability is \$2,126,766.

Note that our standard IBNR methodology implicitly adjusts for COVID 19 based on the assumption that payment lags are not materially changed. As such, no explicit adjustment is required.

Claims paid through 1/31/2021 were used for this liability estimate.

If you have any questions, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Ryan C. Gold". The signature is written in a cursive style.

Ryan C. Gold, ASA, MAAA  
AVP, Actuarial Services  
Corporate Benefits  
NFP Insurance Services, Inc.



## Summary of OKHEEI Plan Liabilities 1/31/21

### Gross IBNR Calculation

	Medical Benefits	Rx Benefits	ZeroCard Benefits	Total Benefits
IBNR Without Margin	\$ 1,513,579	\$ 286,560	\$ 263,221	\$ 2,063,360
Margin (5.0%)	\$ 75,679	\$ 14,328	\$ 13,161	\$ 103,168
Total IBNR with Margin	\$ 1,589,258	\$ 300,888	\$ 276,382	\$ 2,166,528

### Net IBNR Calculation

	Medical Benefits	Rx Benefits	ZeroCard Benefits	Total Benefits
IBNR Without Margin	\$ 1,475,710	\$ 286,560	\$ 263,221	\$ 2,025,491
Margin (5.0%)	\$ 73,786	\$ 14,328	\$ 13,161	\$ 101,275
Total IBNR with Margin	\$ 1,549,496	\$ 300,888	\$ 276,382	\$ 2,126,766



## STATEMENT OF ACTUARIAL OPINION

I, Ryan C. Gold, am Actuary, Actuarial Services, NFP Insurance Services, Inc. I am a member of the American Academy of Actuaries.

I have been asked for an estimate of unpaid claims for Medical, Rx and ZeroCard as of 1/31/2021 for OKHEEI (hereinafter the "Client").

I have examined claim lag development and history for the OKHEEI claims from 1/1/2018 through 1/31/2021. I relied upon underlying records and/or summaries prepared by the responsible officers or employees of the Client and/or BCBS and ZeroCard. In other respects, my estimations included such underlying assumptions and methods as I considered necessary and appropriate.

I confirm that the information I have provided in this report represents an independent and professional assessment of the above noted plan's reserves and related accounts as of the measurement date. I do not have a relationship with OKHEEI that would hinder my independence related to the information I have provided OKHEEI.

My estimate for the 1/31/2021 IBNR is \$2,166,528 for Medical, Rx and ZeroCard. This amount is gross of any potential stop loss recoverables. Potential stop loss recoverables are \$39,762, which means the net liability is \$2,126,766.

The above amount is an estimate; the exact unpaid claims will only be determined after additional passage of time.

Actuarial methods, considerations, and analysis used in forming my opinion conform to the relevant Standards of Practice as promulgated from time to time by the Actuarial Standards Board, which standards form the basis for this statement of opinion.

A handwritten signature in black ink that reads "Ryan C. Gold". The signature is written in a cursive style.

Ryan C. Gold  
Member, American Academy of Actuaries  
March 4, 2021



## STATEMENT OF ACTUARIAL ASSUMPTIONS

I, Ryan C. Gold, am Actuary, Actuarial Services, NFP Insurance Services, Inc. I am a member of the American Academy of Actuaries.

I have been asked for an estimation of the unpaid claims as of 1/31/2021 for OKHEEI (hereinafter the "Client").

I have given an Actuarial Opinion regarding the Client's unpaid claim liability as of 1/31/2021. I relied upon underlying records and/or summaries prepared by the responsible officers or employees of the Client and/or BCBS and ZeroCard. In other respects, my estimations included such underlying assumptions and methods as I considered necessary and appropriate.

Actuarial methods, considerations, and analysis used in forming my opinion conform to the relevant Standards of Practice as promulgated from time to time by the Actuarial Standards Board, which standards form the basis for this statement of opinion.

Assumptions:

- 1) Pattern of claims paid from 1/1/2018 through 1/31/2021 will continue for the next 12 months.
- 2) Claim lag completion factors:

Months since claim incurred	Medical Benefits	Rx Benefits	ZeroCard Benefits
0	34.0%	62.3%	17.6%
1	77.9%	100.0%	99.9%
2	88.4%	100.0%	100.0%
3	92.7%	100.0%	100.0%
4	94.7%	100.0%	100.0%
5	95.3%	100.0%	100.0%
6	99.1%	100.0%	100.0%
7	99.3%	100.0%	100.0%
8	99.5%	100.0%	100.0%

- 3) No discounting of future claims (i.e. no present value calculations).
- 4) 5.0% Margin for Adverse Deviation.
- 5) Note that the ZeroCard lag from the detailed claims file was not able to be reconciled with an independent paid claims file. The lag accounts for ZeroCard claims and ZeroCard claims administration fees which are assumed to be 3% of claims. If the lag timing or payment amounts for ZeroCard differ from what is used in this analysis, the ZeroCard IBNR presented may materially differ from actual experience. Also note that ZeroCard lag data for the paid month of January 2021 was unavailable and has been estimated using a PEPM study of recent paid months.
- 6) The medical lag table is gross of recoveries. The Rx lag table is gross of recoveries. The ZeroCard lag table is gross of recoveries.
- 7) Completion factor adjustments were made for PMPM consistency purposes. The adjustments are shown in the work pages.
- 8) Claim inventory and backlog were assumed to be normal as of 1/31/2021 and it was assumed no unusually large claims were known and outstanding as of 1/31/2021.
- 9) Adjustments were made for any potential stop loss reimbursements.

Ryan C. Gold  
Member, American Academy of Actuaries  
March 04, 2021



**OKHEEI**  
**Medical Benefits**  
**Lag Triangle and IBNR Calculation**

Incurred	Enrollment	Paid															(1) Total Incurred	(2) Completion Factor Adjustments*	(1)/(2) = (3) Completion Factors	(3) - (1) Ultimate Incurred Claims PMPM	Remaining Liability (Gross of SL)	Reinsurance Offset Factors**	Remaining Liability (Net of SL)	
		2019-Nov	2019-Dec	2020-Jan	2020-Feb	2020-Mar	2020-Apr	2020-May	2020-Jun	2020-Jul	2020-Aug	2020-Sep	2020-Oct	2020-Nov	2020-Dec	2021-Jan								
2019-Feb	4985	\$190	(\$2,952)	\$370	\$183	(\$2,733)	\$43	(\$1,604)	\$0	\$80	\$868	\$0	\$0	\$0	\$22	\$0	\$ 1,004,282	-	100.0%	\$ 1,004,282	\$ 201.46	\$ -	1.7%	\$ -
2019-Mar	5006	\$904	\$108	\$1,806	\$299	\$131	\$7,730	\$0	\$0	\$0	\$0	(\$330)	\$0	\$0	(\$49)	\$0	\$ 1,299,647	-	100.0%	\$ 1,299,647	\$ 259.62	\$ -	1.7%	\$ -
2019-Apr	5000	\$1,460	(\$36,635)	\$17,254	\$800	(\$176)	(\$1)	(\$154)	\$0	\$112	\$0	(\$24)	\$0	\$15	\$0	\$0	\$ 1,286,060	-	100.0%	\$ 1,286,060	\$ 257.21	\$ -	1.7%	\$ -
2019-May	4981	\$1,320	(\$15,150)	\$1,225	\$17,262	\$12,657	(\$73)	\$299	(\$376)	\$240	(\$113)	(\$476)	\$223	(\$25)	\$0	\$0	\$ 1,349,767	-	100.0%	\$ 1,349,767	\$ 270.98	\$ -	1.7%	\$ -
2019-Jun	4921	\$9,117	(\$8,063)	\$1,201	\$3,351	\$2,657	\$88	\$361	\$10,081	\$111	(\$65)	\$0	\$0	(\$213)	(\$7,614)	\$0	\$ 1,433,914	-	100.0%	\$ 1,433,914	\$ 291.39	\$ -	1.7%	\$ -
2019-Jul	4890	\$96,841	\$1,711	\$5,189	\$9,519	\$711	\$575	(\$2,688)	\$346	(\$222)	\$45	(\$18)	\$0	\$0	\$0	(\$325)	\$ 1,403,643	-	100.0%	\$ 1,403,643	\$ 287.04	\$ -	1.7%	\$ -
2019-Aug	4870	\$72,598	\$25,286	\$27,958	\$2,538	(\$812)	\$4,168	(\$1,876)	\$1,457	(\$6)	\$1,538	\$126	(\$156)	\$2,213	(\$32)	(\$201)	\$ 1,321,100	-	100.0%	\$ 1,321,100	\$ 271.27	\$ -	1.7%	\$ -
2019-Sep	4988	\$169,429	\$30,831	\$17,079	\$5,363	\$767,299	\$2,785	\$2,607	\$542	\$897	\$426	\$23	(\$54)	\$0	(\$14)	\$156	\$ 2,240,223	-	100.0%	\$ 2,240,223	\$ 449.12	\$ -	1.7%	\$ -
2019-Oct	5008	\$626,622	\$230,212	\$52,080	\$11,455	\$4,719	\$1,829	\$12,708	\$2,383	\$172	\$304	(\$376)	(\$948)	\$0	\$95	\$723	\$ 1,582,955	-	100.0%	\$ 1,582,955	\$ 316.09	\$ -	1.7%	\$ -
2019-Nov	5001	\$554,205	\$575,606	\$442,329	\$89,307	\$25,166	\$4,769	\$10,425	\$1,088	(\$380)	\$94	\$1,032	\$370	(\$625)	\$289	\$22,591	\$ 1,726,266	-	100.0%	\$ 1,726,266	\$ 345.18	\$ -	1.7%	\$ -
2019-Dec	4989		\$871,613	\$629,651	\$51,819	\$61,844	\$133,063	(\$1,634)	\$15,265	\$12,066	(\$71)	(\$5,022)	\$118	\$10	(\$145)	(\$128)	\$ 1,768,448	-	100.0%	\$ 1,768,448	\$ 354.47	\$ -	1.7%	\$ -
2020-Jan	4985			\$350,920	\$453,996	\$62,761	\$38,856	\$8,473	\$5,667	\$649	(\$3,263)	\$376	\$2,203	\$1,209	\$1,825	\$593	\$ 924,267	-	100.0%	\$ 924,267	\$ 185.41	\$ -	4.6%	\$ -
2020-Feb	4998				\$437,407	\$493,888	\$75,315	\$103,617	\$29,294	\$2,510	\$1,726	\$520	\$435	\$585	\$3,348	\$554	\$ 1,149,200	-	99.9%	\$ 1,150,351	\$ 230.16	\$ 1,150	4.6%	\$ 1,098
2020-Mar	4969					\$474,519	\$411,759	\$33,605	\$82,462	\$14,833	\$1,898	\$13,663	\$11,377	\$910	\$575	\$1,288	\$ 1,046,890	-	99.9%	\$ 1,047,938	\$ 210.90	\$ 1,048	4.6%	\$ 1,000
2020-Apr	4981						\$369,519	\$592,249	\$130,883	\$58,144	\$1,895	\$788	\$10,374	\$2,581	\$22,380	\$245	\$ 1,189,057	-	99.6%	\$ 1,193,832	\$ 239.68	\$ 4,775	4.6%	\$ 4,557
2020-May	4980							\$564,003	\$359,268	\$206,919	\$4,232	\$31,607	\$15,419	\$2,927	\$600	\$2,328	\$ 1,187,303	-	99.5%	\$ 1,193,269	\$ 239.61	\$ 5,966	4.6%	\$ 5,694
2020-Jun	4928								\$794,232	\$394,836	\$75,283	\$24,600	\$26,520	\$2,435	\$5,659	\$863	\$ 1,324,428	-	99.3%	\$ 1,333,764	\$ 270.65	\$ 9,336	4.6%	\$ 8,910
2020-Jul	4877								\$628,007	\$400,406	\$239,205	\$45,070	\$10,222	\$1,893	\$4,812	\$ 1,329,614	-	99.1%	\$ 1,341,690	\$ 275.11	\$ 12,075	4.6%	\$ 11,523	
2020-Aug	4845									\$512,447	\$638,569	\$115,609	\$18,994	\$5,816	(\$1,359)	\$ 1,290,075	-	95.3%	\$ 1,353,699	\$ 279.40	\$ 63,624	4.6%	\$ 60,716	
2020-Sep	4962										\$588,390	\$645,926	\$298,019	\$29,028	\$5,330	\$ 1,566,693	-	94.7%	\$ 1,654,375	\$ 333.41	\$ 87,682	4.6%	\$ 83,674	
2020-Oct	4965											\$818,104	\$433,349	\$163,917	\$28,693	\$ 1,444,063	-	92.7%	\$ 1,557,781	\$ 313.75	\$ 113,718	4.6%	\$ 108,520	
2020-Nov	4965												\$585,806	\$657,249	\$289,242	\$ 1,532,297	-	88.4%	\$ 1,733,368	\$ 349.12	\$ 201,071	4.6%	\$ 191,880	
2020-Dec	4973													\$537,190	\$619,283	\$ 1,156,473	-	77.9%	\$ 1,484,561	\$ 298.52	\$ 328,088	4.6%	\$ 313,092	
2021-Jan	4965														\$352,903	\$ 352,903	-6.0%	34.0%	\$ 1,037,949	\$ 209.05	\$ 685,046	0%	\$ 685,046	
<b>Total Paid</b>		\$ 1,557,432	\$ 1,666,146	\$ 1,537,446	\$ 1,082,325	\$ 1,905,631	\$ 1,055,621	\$ 1,320,655	\$ 1,433,065	\$ 1,312,806	\$ 996,991	\$ 1,521,984	\$ 1,690,604	\$ 1,355,093	\$ 1,422,028	\$ 1,321,330				<b>Medical Benefits IBNR</b>	\$ 1,513,579	\$ 1,475,710		

\* This is a manual adjustment for PMPM consistency purposes. This amount was added to the original completion factor to create the final completion factor used in column (2).  
 \*\* Reinsurance offset factors are determined by stop loss payment history. Net liability is calculated by reducing the remaining gross liability by the reinsurance offset factor.





**OKHEEI**  
**Rx Benefits**  
**Lag Triangle and IBNR Calculation**

Incurred	Enrollment	Paid														(1) Total Incurred	(2) Completion Factor Adjustments*	(1)/(2) = (3) Completion Factors	(3) - (1) Ultimate Incurred Claims PMPM	Remaining Liability (Gross of SL)	Reinsurance Offset Factors**	Remaining Liability (Net of SL)		
		2019-Nov	2019-Dec	2020-Jan	2020-Feb	2020-Mar	2020-Apr	2020-May	2020-Jun	2020-Jul	2020-Aug	2020-Sep	2020-Oct	2020-Nov	2020-Dec								2021-Jan	
2019-Feb	4985	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$ 571,970	-	100.0%	\$ 571,970	\$ 114.74	\$ -	1.7%	\$ -
2019-Mar	5006	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$ 660,116	-	100.0%	\$ 660,116	\$ 131.86	\$ -	1.7%	\$ -
2019-Apr	5000	\$7,238	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$ 672,123	-	100.0%	\$ 672,123	\$ 134.42	\$ -	1.7%	\$ -
2019-May	4981	\$5,234	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$ 628,443	-	100.0%	\$ 628,443	\$ 126.17	\$ -	1.7%	\$ -
2019-Jun	4921	\$4,641	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$ 662,834	-	100.0%	\$ 662,834	\$ 134.70	\$ -	1.7%	\$ -
2019-Jul	4890	\$4,963	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$ 683,979	-	100.0%	\$ 683,979	\$ 139.87	\$ -	1.7%	\$ -
2019-Aug	4870	(\$524)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$ 662,060	-	100.0%	\$ 662,060	\$ 135.95	\$ -	1.7%	\$ -
2019-Sep	4988	\$49	(\$158)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$ 682,782	-	100.0%	\$ 682,782	\$ 136.88	\$ -	1.7%	\$ -
2019-Oct	5008	\$277,567	(\$318)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$ 718,812	-	100.0%	\$ 718,812	\$ 143.53	\$ -	1.7%	\$ -
2019-Nov	5001	\$540,052	\$130,277	\$10	(\$2)	\$7	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$ 670,343	-	100.0%	\$ 670,343	\$ 134.04	\$ -	1.7%	\$ -
2019-Dec	4989		\$607,346	\$249,547	(\$492)	\$428	(\$61)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$ 856,768	-	100.0%	\$ 856,768	\$ 171.73	\$ -	1.7%	\$ -
2020-Jan	4985			\$541,162	\$159,917	(\$745)	\$1,425	\$0	\$70	\$473	\$160	\$0	\$0	\$0	\$0	\$0	\$ 702,462	-	100.0%	\$ 702,462	\$ 140.92	\$ -	4.6%	\$ -
2020-Feb	4998				\$419,980	\$196,138	\$199	\$137	\$0	\$264	\$0	\$0	\$0	\$0	\$0	\$0	\$ 616,718	-	100.0%	\$ 616,718	\$ 123.39	\$ -	4.6%	\$ -
2020-Mar	4969					\$534,951	\$272,359	\$266	\$0	\$198	\$0	\$0	\$0	\$0	\$0	\$0	\$ 807,775	-	100.0%	\$ 807,775	\$ 162.56	\$ -	4.6%	\$ -
2020-Apr	4981						\$347,046	\$329,152	(\$150)	\$6	\$279	\$0	\$0	\$7	\$0	\$0	\$ 676,340	-	100.0%	\$ 676,340	\$ 135.78	\$ -	4.6%	\$ -
2020-May	4980							\$494,637	\$149,751	\$5	\$157	\$0	\$0	\$46	\$0	\$0	\$ 644,595	-	100.0%	\$ 644,595	\$ 129.44	\$ -	4.6%	\$ -
2020-Jun	4928								\$511,918	\$286,646	\$0	\$122	\$163	\$0	\$0	\$0	\$ 798,850	-	100.0%	\$ 798,850	\$ 162.10	\$ -	4.6%	\$ -
2020-Jul	4877									\$538,308	\$198,237	(\$568)	\$32	\$0	\$0	\$0	\$ 736,008	-	100.0%	\$ 736,008	\$ 150.91	\$ -	4.6%	\$ -
2020-Aug	4845										\$450,962	\$188,080	(\$45)	\$0	\$0	\$86	\$ 639,082	-	100.0%	\$ 639,082	\$ 131.91	\$ -	4.6%	\$ -
2020-Sep	4962											\$461,004	\$276,561	\$0	\$261	\$71	\$ 737,896	-	100.0%	\$ 737,896	\$ 148.71	\$ -	4.6%	\$ -
2020-Oct	4965												\$654,759	\$136,082	(\$1,061)	\$1,596	\$ 791,376	-	100.0%	\$ 791,376	\$ 159.39	\$ -	4.6%	\$ -
2020-Nov	4965													\$616,445	\$195,440	(\$97)	\$ 811,789	-	100.0%	\$ 811,789	\$ 163.50	\$ -	4.6%	\$ -
2020-Dec	4973														\$479,824	\$340,061	\$ 819,885	-	100.0%	\$ 819,885	\$ 164.87	\$ -	4.6%	\$ -
2021-Jan	4965															\$473,546	\$ 473,546	-7.0%	62.3%	\$ 760,106	\$ 153.09	\$ 286,560	0%	\$ 286,560
<b>Total Paid</b>		\$ 839,222	\$ 737,171	\$ 790,719	\$ 579,402	\$ 730,778	\$ 620,969	\$ 824,192	\$ 661,589	\$ 825,899	\$ 649,795	\$ 648,637	\$ 931,469	\$ 752,581	\$ 674,464	\$ 815,263				<b>Rx Benefits IBNR</b>		\$ 286,560		\$ 286,560

\* This is a manual adjustment for PMPM consistency purposes. This amount was added to the original completion factor to create the final completion factor used in column (2).  
 \*\* Reinsurance offset factors are determined by stop loss payment history. Net liability is calculated by reducing the remaining gross liability by the reinsurance offset factor.



**OKHEEI**  
**ZeroCard Benefits**  
**Lag Triangle and IBNR Calculation**

Incurred	Enrollment	Paid														(1)	(2)	(1)/(2) = (3)	(3) - (1)		
		2019-Dec	2020-Jan	2020-Feb	2020-Mar	2020-Apr	2020-May	2020-Jun	2020-Jul	2020-Aug	2020-Sep	2020-Oct	2020-Nov	2020-Dec	2021-Jan	Total Incurred	Completion Factor Adjustments*	Completion Factors	Ultimate Incurred Claims	Ultimate Incurred Claims PEPM	Remaining Liability
2019-Dec	3628	(\$577)	\$325,799	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$ 325,222	-	100.0%	\$ 325,222	\$89.64	\$ -
2020-Jan	3628		\$229,710	\$269,184	\$1,053	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$ 499,947	-	100.0%	\$ 499,947	\$137.80	\$ -
2020-Feb	3628			\$7,567	\$301,448	\$18	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$ 309,033	-	100.0%	\$ 309,033	\$85.18	\$ -
2020-Mar	3612				\$30,023	\$253,157	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$ 283,180	-	100.0%	\$ 283,180	\$78.40	\$ -
2020-Apr	3607					\$45,176	\$130,961	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$ 176,137	-	100.0%	\$ 176,137	\$48.83	\$ -
2020-May	3607						\$68,249	\$287,225	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$ 355,475	-	100.0%	\$ 355,475	\$98.55	\$ -
2020-Jun	3607							\$54,286	\$271,538	\$0	\$0	\$0	\$0	\$0	\$0	\$ 325,824	-	100.0%	\$ 325,824	\$90.33	\$ -
2020-Jul	3607								\$46,618	\$215,860	\$0	\$0	\$0	\$0	\$0	\$ 262,478	-	100.0%	\$ 262,478	\$72.77	\$ -
2020-Aug	3607									\$83,459	\$274,997	\$994	\$0	\$514	\$0	\$ 359,965	-	100.0%	\$ 359,965	\$99.80	\$ -
2020-Sep	3607										\$12,030	\$230,159	\$0	\$0	\$206	\$ 242,394	-	100.0%	\$ 242,394	\$67.20	\$ -
2020-Oct	3607											\$66,824	\$228,391	\$0	\$0	\$ 295,215	-	100.0%	\$ 295,215	\$81.84	\$ -
2020-Nov	3607												\$46,994	\$350,564	\$149	\$ 397,708	-	100.0%	\$ 397,708	\$110.26	\$ -
2020-Dec	3607													\$66,670	\$283,717	\$ 350,387	-	99.9%	\$ 350,738	\$97.24	\$ 351
2021-Jan	3607													\$56,147	\$ 56,147	-1.0%	17.6%	\$ 319,017	\$88.44	\$ 262,870	
<b>Total Paid</b>		\$ (577)	\$ 555,509	\$ 276,751	\$ 332,525	\$ 298,350	\$ 199,210	\$ 341,511	\$ 318,157	\$ 299,319	\$ 287,027	\$ 297,977	\$ 275,386	\$ 417,748	\$ 340,219				<b>ZeroCard Benefits IBNR</b>	<b>\$ 263,221</b>	

\* This is a manual adjustment for PMPM consistency purposes. This amount was added to the original completion factor to create the final completion factor used in column (2).





**OKHEEI**

IBNR Calculation History (Lookbacks)

IBNR History By Product												
	Medical Benefits Posted Liability	Medical Benefits Incurred b/f and Paid a/f Valuation Date*	Difference	% Difference	Rx Benefits Posted Liability	Rx Benefits Incurred b/f and Paid a/f Valuation Date*	Difference	% Difference	Total Benefits Posted Liability	Total Benefits Incurred b/f and Paid a/f Valuation Date*	Difference	% Difference
2018-Dec	\$ 1,361,345	\$ 1,883,299	\$ (521,954)	-27.7%	\$ 191,704	\$ 273,619	\$ (81,915)	-29.9%	\$ 1,553,049	\$ 2,156,919	\$ (603,869)	-28.0%
2019-Dec	\$ 1,758,710	\$ 2,462,316	\$ (703,606)	-28.6%	\$ 249,557	\$ 249,435	\$ 121	0.0%	\$ 2,008,267	\$ 2,711,751	\$ (703,485)	-25.9%

\* Includes estimated run out after January 31, 2021

Current Estimate												
	Medical Benefits Estimate with Margin	Medical Benefits Estimate without Margin	Margin	% Margin	Rx Benefits Estimate with Margin	Rx Benefits Estimate without Margin	Margin	% Margin	Total Benefits Estimate with Margin	Total Benefits Estimate without Margin	Margin	% Margin
2021-Jan	\$ 1,589,258	\$ 1,513,579	\$ 75,679	5.0%	\$ 300,888	\$ 286,560	\$ 14,328	5.0%	\$ 2,166,528	\$ 2,063,360	\$ 103,168	5.0%



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