# ECO Terminology

December 1, 2023



# New Quality Control Performing Loan Not Accept Quality Dashboard

Freddie Mac's ECO<sup>®</sup> features the following terminology.

#### Terms Used in QC Performing Loan NAQ dashboard:

**Sample Loan Count** - The number of loans sampled for Quality Control review for the relevant time periods.

**Completed Review Rate** - The number of loans for which the initial Quality Control review decision is completed as a percentage of total loans sampled for the relevant time periods.

**Closed Review Rate** - The number of loans for which Quality Control review, including outstanding remedies, are closed as a percentage of total loans sampled for the relevant time periods.

**Closed Reviews** - The number of loans for which Quality Control review and remedies are closed.

**Net Ineligible Count** - The number of loans that are considered as not acceptable quality.

**NAQ Rate** - The number of Quality Control Performing Loan Not Acceptable Quality (QC PL NAQ) not acceptable quality loans as a percentage of loans sampled for the relevant time periods.

#### QC Performing Loan NAQ Dashboard Access:

To access this dashboard, click on the downward arrow icon on the ECO homepage "Risk" tab and select "Quality Control Performing Loan Not Acceptable Quality."





Once the dashboard opens, you will be able to view the "QC Performing Loan NAQ" dashboard summary.



# Navigating the QC Performing Loan NAQ Dashboard

#### 1. Header:

This is the name of the dashboard.

# 2. Performing Loans Not Acceptable Quality (PL NAQ) Rate:

The PL NAQ Rate is displayed by the most recent completed quarter on the dashboard. The same PL NAQ Rate is displayed on the Table and viewable on the Executive Summary page.

### 3. Information Window and Graph:

The Weighted NAQ % is based on the seller quarterly funding volume. Weighted NAQ % and Net Ineligible Loan Counts are color coded.

- Green: Weighted NAQ % <= 3% OR Net Ineligible Loan Count < 5
- i. Yellow: 3% < Weighted NAQ % <= 4%
- ii. Red: Weighted NAQ % > 4%

This graph shows a bar and spark lines for the PLNAQ loan trend by quarters which are color coded.

- Blue bar represents the Sampled Loan Count by quarters
- Dark Blue spark line represents the NAQ Rate by quarters
- Yellow dotted line represents the NAQ Rate Threshold
- Red dotted line represents the NAQ Rate Threshold

#### 4. Table

This table displays the PL NAQ trend by quarters based on the number of loans sampled for Quality Control review for the relevant time periods.

#### 5. Data Refresh:

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The Data as of MM/YY which is refreshed monthly.

#### 6. Exports:

The export functionality of the loan level data  $\downarrow$  download in excel format.

<b>Funding Quarter</b>	Funding Month	Funding Date	Freddie Mac Loan Number	Seller Loan Number	Property Type	Loan Purpose	Loan Origination Type	Review Status
Q1 2021	Jan 2021	01/14/2021	XXXXXXXXX	XXXXXXX	Single Family	Non-Cash out refinance	Retail	Review Closed
Q1 2021	Jan 2021	01/27/2021	XXXXXXXXX	XXXXXXX	PUD	Purchase	Retail	Review Closed
Q1 2021	Feb 2021	02/11/2021	XXXXXXXXX	XXXXXXX	PUD	Non-Cash out refinance	Correspondent TPO	Review Closed
Q2 2021	Apr 2021	04/14/2021	XXXXXXXXX	XXXXXXX	PUD	Non-Cash out refinance	Correspondent TPO	Review Closed
Q2 2021	Apr 2021	04/14/2021	XXXXXXXXX	XXXXXXX	Single Family	Cash Out Re-finance	Retail	Review Closed
Q2 2021	Apr 2021	04/28/2021	XXXXXXXXX	XXXXXXX	Single Family	Non-Cash out refinance	Retail	Review Closed
Q2 2021	Apr 2021	04/29/2021	XXXXXXXXX	XXXXXXX	Single Family	Purchase	Correspondent TPO	Review Closed
Q2 2021	May 2021	05/13/2021	XXXXXXXXX	XXXXXXX	Single Family	Non-Cash out refinance	Retail	Review Closed
Q2 2021	May 2021	05/18/2021	XXXXXXXXX	XXXXXXX	Single Family	Non-Cash out refinance	Retail	Review Closed
Q2 2021	May 2021	05/26/2021	XXXXXXXXX	XXXXXXX	Single Family	Non-Cash out refinance	Correspondent TPO	Review Closed
Q2 2021	May 2021	05/26/2021	XXXXXXXXX	XXXXXXX	Single Family	Non-Cash out refinance	Retail	Review Closed
Q2 2021	Jun 2021	06/14/2021	XXXXXXXXX	XXXXXXX	Single Family	Purchase	Correspondent TPO	Review Closed
Q3 2021	Jul 2021	07/19/2021	XXXXXXXXX	XXXXXXX	Single Family	Non-Cash out refinance	Retail	Review Closed
Q3 2021	Aug 2021	08/12/2021	XXXXXXXXX	XXXXXXX	Single Family	Purchase	Correspondent TPO	Review Closed
Q3 2021	Aug 2021	08/12/2021	XXXXXXXXX	XXXXXXX	PUD	Purchase	Correspondent TPO	Review Closed
Q3 2021	Aug 2021	08/27/2021	XXXXXXXXX	XXXXXXX	Single Family	Purchase	Retail	Review Closed
Q4 2021	Oct 2021	10/19/2021	XXXXXXXXX	XXXXXXX	PUD	Non-Cash out refinance	Retail	Review Closed
Q4 2021	Nov 2021	11/10/2021	XXXXXXXXX	XXXXXXX	PUD	Purchase	Retail	Review Closed



#### 7. Table

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Funding Quarter	Funding Month	Funding Date	Freddie Mac Loan Number	Seller Loan Number	Property Type	Loan Purpose	Loan Origination Type	Review Status
Q1 2021	Jan 2021	01/14/2021	XXXXXXXXX	XXXXXXX	Single Family	Non-Cash out refinance	Retail	Review Closed
Q1 2021	Jan 2021	01/27/2021	XXXXXXXXX	XXXXXXX	PUD	Purchase	Retail	Review Closed
Q1 2021	Feb 2021	02/11/2021	XXXXXXXXX	XXXXXXX	PUD	Non-Cash out refinance	Correspondent TPO	Review Closed
Q2 2021	Apr 2021	04/14/2021	XXXXXXXXX	XXXXXXX	PUD	Non-Cash out refinance	Correspondent TPO	Review Closed
Q2 2021	Apr 2021	04/14/2021	XXXXXXXXX	XXXXXXX	Single Family	Cash Out Re-finance	Retail	Review Closed
Q2 2021	Apr 2021	04/28/2021	XXXXXXXXX	XXXXXXX	Single Family	Non-Cash out refinance	Retail	Review Closed
Q2 2021	Apr 2021	04/29/2021	XXXXXXXXX	XXXXXXX	Single Family	Purchase	Correspondent TPO	Review Closed
Q2 2021	May 2021	05/13/2021	XXXXXXXXX	XXXXXXX	Single Family	Non-Cash out refinance	Retail	Review Closed
Q2 2021	May 2021	05/18/2021	XXXXXXXXX	XXXXXXX	Single Family	Non-Cash out refinance	Retail	Review Closed
Q2 2021	May 2021	05/26/2021	XXXXXXXXX	XXXXXXX	Single Family	Non-Cash out refinance	Correspondent TPO	Review Closed
Q2 2021	May 2021	05/26/2021	XXXXXXXXX	XXXXXXX	Single Family	Non-Cash out refinance	Retail	Review Closed
Q2 2021	Jun 2021	06/14/2021	XXXXXXXXX	XXXXXXX	Single Family	Purchase	Correspondent TPO	Review Closed
Q3 2021	Jul 2021	07/19/2021	XXXXXXXXX	XXXXXXX	Single Family	Non-Cash out refinance	Retail	Review Closed
Q3 2021	Aug 2021	08/12/2021	XXXXXXXXX	XXXXXXX	Single Family	Purchase	Correspondent TPO	Review Closed
Q3 2021	Aug 2021	08/12/2021	XXXXXXXXX	XXXXXXX	PUD	Purchase	Correspondent TPO	Review Closed
Q3 2021	Aug 2021	08/27/2021	XXXXXXXXX	XXXXXXX	Single Family	Purchase	Retail	Review Closed
Q4 2021	Oct 2021	10/19/2021	XXXXXXXXX	XXXXXXX	PUD	Non-Cash out refinance	Retail	Review Closed
Q4 2021	Nov 2021	11/10/2021	XXXXXXXXX	XXXXXXX	PUD	Purchase	Retail	Review Closed

# Affordable Product Dashboard Enhancement

We enhanced the Affordable Product dashboard to enable users to download loan level data. We've also modified a filter on Loan Origination and Underwriting on this view for the Housing Finance Agencies (HFA) dashboard.

To access this dashboard, click on the downward arrow icon on the ECO homepage "Affordable" tab and select "Affordable Product."



The export functionality of the loan level data  $\downarrow$  download in excel format.

Funding Month	Funding Date	Freddie Mac Loan Number	Seller Loan Number	Housing Finance Agencies (HFA)		HFA Program	Property State	Loan Originator Type	Underwriting System	Purchase UPB (\$)
Apr 2023	04/11/2023	XXXXXXXXXXX	XXXXXXX	Illinois Housing Development Authority	Illinois	Home Possible Advantage HFA	Illinois	Correspondent TPO	LPA	605,404
Apr 2023	04/11/2023	XXXXXXXXX	XXXXXX	Illinois Housing Development Authority	Illinois	Home Possible Advantage HFA	Illinois	Correspondent TPO	LPA	623,514
Apr 2023	04/11/2023	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXX	Illinois Housing Development Authority	Illinois	Home Possible Advantage HFA	Illinois	Correspondent TPO	LPA	682,862
Apr 2023	04/11/2023	XXXXXXXXXX	XXXXXX	Oklahoma Housing Finance Agency	Oklahoma	Home Possible Advantage HFA	Oklahoma	Correspondent TPO	LPA	409,911
Apr 2023	04/11/2023	XXXXXXXXX	XXXXXX	Oklahoma Housing Finance Agency	Oklahoma	Home Possible Advantage HFA	Oklahoma	Correspondent TPO	LPA	638,139
Apr 2023	04/11/2023	XXXXXXXXXX	XXXXXX	Oklahoma Housing Finance Agency	Oklahoma	Home Possible Advantage HFA	Oklahoma	Correspondent TPO	LPA	448,319
Apr 2023	04/11/2023	XXXXXXXXX	XXXXXX	Oklahoma Housing Finance Agency	Oklahoma	Home Possible Advantage HFA	Oklahoma	Correspondent TPO	LPA	523,326
Apr 2023	04/11/2023	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXX	Oklahoma Housing Finance Agency	Oklahoma	Home Possible Advantage HFA	Oklahoma	Correspondent TPO	LPA	334,359
Apr 2023	04/11/2023	XXXXXXXXX	XXXXXX	Oklahoma Housing Finance Agency	Oklahoma	Home Possible Advantage HFA	Oklahoma	Correspondent TPO	LPA	720,429
Apr 2023	04/11/2023	X0000000X	XXXXXXX	Oklahoma Housing Finance Agency	Oklahoma	Home Possible Advantage HFA	Oklahoma	Correspondent TPO	LPA	548,063
Apr 2023	04/11/2023	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXX	Oklahoma Housing Finance Agency	Oklahoma	Home Possible Advantage HFA	Oklahoma	Correspondent TPO	LPA	372,480
Apr 2023	04/11/2023	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXX	Oklahoma Housing Finance Agency	Oklahoma	Home Possible Advantage HFA	Oklahoma	Correspondent TPO	LPA	275,750
Apr 2023	04/11/2023	X000000000	XXXXXXX	Oklahoma Housing Finance Agency	Oklahoma	Home Possible Advantage HFA	Oklahoma	Correspondent TPO	LPA	503,037
Apr 2023	04/11/2023	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXX	Housing Opportunities Commission of Montgomery County	Maryland	Home Possible Advantage HFA	Maryland	Correspondent TPO	LPA	441,006
Apr 2023	04/11/2023	X0000000K	XXXXXXX	Housing Opportunities Commission of Montgomery County	Maryland	Home Possible Advantage HFA	Maryland	Correspondent TPO	LPA	513,283
Apr 2023	04/11/2023	XXXXXXXXXX	XXXXXX	Housing Opportunities Commission of Montgomery County	Maryland	Home Possible Advantage HFA	Maryland	Correspondent TPO	LPA	656,448
Apr 2023	04/11/2023	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXX	Housing Opportunities Commission of Montgomery County	Maryland	Home Possible Advantage HFA	Maryland	Correspondent TPO	LPA	925,472
Apr 2023	04/11/2023	XXXXXXXXXX	XXXXXX	Housing Opportunities Commission of Montgomery County	Maryland	Home Possible Advantage HFA	Maryland	Correspondent TPO	LPA	643,931
Apr 2023	04/11/2023	XXXXXXXXXX	XXXXXX	Maryland Department of Housing and Community Development	Maryland	Home Possible Advantage HFA	Maryland	Correspondent TPO	LPA	552,189
Apr 2023	04/11/2023	XXXXXXXXXX	XXXXXX	Maryland Department of Housing and Community Development	Maryland	Home Possible Advantage HFA	Maryland	Correspondent TPO	LPA	654,239
Apr 2023	04/11/2023	XXXXXXXXX	XXXXXX	Maryland Department of Housing and Community Development	Maryland	Home Possible Advantage HFA	Maryland	Correspondent TPO	LPA	685,685
Apr 2023	04/11/2023	XXXXXXXXXXX	XXXXXX	Maryland Department of Housing and Community Development	Maryland	Home Possible Advantage HFA	Maryland	Correspondent TPO	LPA	545,925

#### **Risk - Delivery Overview and Loan Characteristics Dashboard Enhancements**

We've enhanced both the Delivery Overview and Loan Characteristics dashboards. Users will have the ability to select the loan level status, view/export loan level data and modify filters.

To access this dashboard, click on the downward arrow icon on the ECO homepage "Risk" tab and select "Delivery Overview."

Delivery Ove	erview   Hide														
me: MONTHLY	QUARTERLY YEARL	Y													
Loan Status (/ Coan Count	(All)	, v												Loan Level Data	<b>→</b>
	(Ali)			07100			10.000		10.00						
	Closed		06/22	07/22	08/22	09/22	10/22	11/22	12/22	01/23	02/23	03/23	04/23	Total	R
Loan Count	Delinquent		2,536	3,683	3,318	3,808	3,192	2,103	3,064	2,771	1,823	2,051	1,679	36,113	
Pch UPB (\$M	Performing		\$813.20	\$1,268.51	\$1,171.98	\$1,425.60	\$1,207.48	\$687.68	\$1,122.99	\$1,082.32	\$710.25	\$852.84	\$648.41	\$12,788.23	
Average DTI	35	36	36	37	36	37	37	38	38	38	38	38	38	37	
Average FICO	747	748	745	748	748	746	746	744	746	748	744	748	746	747	
Average TLT\	/ 71	73	77	78	80	80	81	80	81	82	83	82	81	79	

Data as of 04/23

To access this dashboard, click on the downward arrow icon on the ECO homepage "Risk" tab and select "Loan Characteristics."

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wing: TREND A	ANALYSIS PEER RATIO	ne: MONTHL	Y_QUARTER	LY YEARLY	1										
Loan Status	(All)													Loan Level Data -	
	(Ail) Closed	04/22	05/22	06/22	07/22	08/22	09/22	10/22	11/22	12/22	01/23	02/23	03/23	04/23	12M Total
Channel	Delinquent Foreclosure	52.88%	51.88%	43.69%	41.19%	33.51%	29.12%	25.41%	37.38%	33.16%	22.77%	26.44%	26.67%	35.38%	35.70%
	Performing	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.19%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%
	Correspondent	47.12%	48.12%	56.31%	58.81%	66.49%	70.88%	74.59%	62.43%	66.84%	77.23%	73.56%	73.33%	64.62%	64.28%
Purpose	Purchase	49.28%	59.21%	71.37%	81.65%	86.62%	87.58%	87.41%	83.02%	89.10%	91.41%	90.29%	88.44%	86.00%	80.56%
	Cash Out Re-Finance	28.03%	25.15%	16.80%	12.35%	8.35%	7.72%	8.71%	11.79%	5.87%	4.76%	5.70%	5.75%	8.64%	11.79%
	Non-Cash Re-Finance	22.69%	15.64%	11.83%	6.00%	5.03%	4.70%	3.88%	5.18%	5.03%	3.83%	4.00%	5.80%	5.36%	7.65%
	Total Refi	50.72%	40.79%	28.63%	18.35%	13.38%	12.42%	12.59%	16.98%	10.90%	8.59%	9.71%	11.56%	14.00%	19.44%
Occupancy	Investor	6.71%	7.33%	5.48%	3.94%	3.89%	3.83%	2.91%	7.56%	4.14%	3.43%	3.46%	1.32%	2.38%	4.41%
	Secondary Home	1.08%	2.15%	1.42%	1.33%	1.66%	0.68%	1.19%	1.76%	1.24%	1.37%	1.21%	1.32%	1.61%	1.38%
Property Typ	oe Condo	6.34%	7.03%	6.86%	5.67%	6.24%	5.67%	5.89%	8.27%	5.97%	6.78%	8.78%	7.65%	7.98%	6.65%

To view/export the loan level data and modify filter, click on "Loan Level Data  $\rightarrow$ ." Click on the "X" to go back to Delivery Overview dashboard or Loan Characteristics dashboard.

oan Le	evel Data																					
Seller	Seller Number	Seller Family	Loan (FRE Loan#)	IFI Cod	le / SCC	Funding Date	Origination Date	Loan Status	Channel	Loan Product	Loan Purpose	Occupancy	Property Type	Property State	Seller Delivered FICO Band	Total Loan to Value (TLTV) Band	Loan Count	Pch UPB (FRE)	Debt to Income (DTI) (All)	Total Original LTV (TLTV) (All)	Average FICO (Decision FICO Score)	FRITER     Loan Status (4)     (40)
				018	Not a Wholesale Home Mortgage (aka TPO) - see also SCCs 211 and 212	10/05/2021	04/06/2021	Delinquent	Retail	Fixed- 30	Purchase	Second Home	Condo	California	>=760	<=85	1	372,758	33	80	765	Closed Delinquent Foreclosure
				180	Property Not in Special Flood Hazard Area/Not Insured	10/05/2021	04/06/2021	Delinquent	Retail	Fixed- 30	Purchase	Second Home	Condo	California	>=760	<=85	1	372,758	33	80	765	Time Period (25)
				921	Use of credit cards	10/05/2021	04/06/2021	Delinquent	Retail	Fixed- 30	Purchase	Second Home	Condo	California	>=760	*=85	1	372,758	33	80	765	
			-	180	Property Not in Special Flood Hazard Area/Not Insured	10/14/2021	04/14/2021	Performing	Correspondent TPO	Fixed- 30	Purchase	Owner Occupied	PUD	Missouri	>⇒760	90< LTV <#95	1	424,043	40	95	767	<ul> <li>(AI)</li> <li>04/23</li> <li>03/23</li> <li>02/23</li> </ul>
				211	Correspondent Third Party Origination (TPO) Mortgage	10/14/2021	04/14/2021	Performing	Correspondent TPO	Fixed- 30	Purchase	Owner Occupied	PUD	Missouri	≻=760	90< LTV <#95	1	424,043	40	95	767	<ul> <li>01/23</li> <li>12/22</li> <li>11/22</li> </ul>
				740	Mortgage with missing note-with recourse, no transfer of	10/14/2021	04/14/2021	Performing	Correspondent TPO	Fixed- 30	Purchase	Owner Occupied	PUD	Missouri	>=760	90< LTV <#95	1	424,043	40	95	767	<ul> <li>IFI Code / SCC (7</li> <li>Channel (3)</li> </ul>
			-	003	Cash-out Refinance (See also 007)	10/14/2021	04/23/2021	Performing	Retail	Fixed- 20	Cash Out Re- Finance	Owner Occupied	Cando	Ohio	720-739	<=85	1	206,093	50	80	737	Occupancy (2)
				018	Not a Wholesale Home Mortgage (ska TPO) - see also SCCs 211 and 212	10/14/2021	04/23/2021	Performing	Retail	Fixed- 20	Cash Out Re- Finance	Owner Occupied	Condo	Ohio	720-739	c=85	1	206,093	50	80	737	<ul> <li>Property Type (5)</li> <li>Loan Purpose (3)</li> </ul>