

# Iris Pilot Operations Report

## California Department of Justice (CA DOJ)

Additional explanations and contact information are located at the end of this report.

### Report Summary

The summary numbers include bulk enrollments and error transactions that have been fixed. Expunged records are not included.

Operations Summary									
Date	Enrollments				Searches				
	Avg. Time	Success	Errors	Total	Avg. Time	Success	Errors	Total	
						Match	Non-Match		
2016 - February	0.6 s	10,629	1,006	11,635	-	0	0	0	0
2016 - January	0.6 s	10,333	951	11,284	-	0	0	0	0
Monthly average for each year takes into account partial years but not partial months.									
2016 Monthly Avg.	0.6 s	10,481.0	978.5	11,459.5	-	0.0	0.0	0.0	0.0
2015 Monthly Avg.	0.8 s	9,824.0	816.7	10,640.7	-	0.0	0.0	0.0	0.0
2014 Monthly Avg.	0.6 s	12,526.9	1,066.1	13,593.0	-	0.0	0.0	0.0	0.0
Yearly summaries include information from each year of operation with partial information for the current year.									
2016 Summary	-	20,962	1,957	22,919	-	0	0	0	0
2015 Summary	-	117,888	9,800	127,688	-	0	0	0	0
2014 Summary	-	100,215	8,529	108,744	-	0	0	0	0
<b>Total</b>	-	<b>239,065</b>	<b>20,286</b>	<b>259,351</b>	-	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Summary of Notable Items		
	Location	Message
A	CA - LACRIS	ENROLL: High percentage errors (7.5%)
B	CA - LACRIS	ENROLL: High percentage single-eye submissions (5.6%)
C	CA - LACRIS	ENROLL: High percentage skipped Left eye image captures (62.1%)
D	CA - LACRIS	ENROLL: High percentage skipped Right eye image captures (62.5%)
E	CA - LACRIS	ENROLL: High percentage zero-eye submissions (59.4%)
F	CA - RCSO	ENROLL: High percentage errors (8.7%)
G	CA - SBCSO	ENROLL: High percentage errors (8.9%)
Some issues are mentioned both at a high level and then as root causes. For example, a location may be listed for high percent of enrollments with no eyes enrolled. It may also be listed for a large number of low-quality right eyes and skipped capture of left eyes.		

## Iris Enrollments

Iris images can be enrolled with tenprints or as an update to an existing record. Both methods require two Type-17 Iris Image Records to be submitted. When an iris cannot be captured the reason can be indicated in the Type-17 record and no image is submitted.

Enrollments with tenprints allow 0-2 iris images to be submitted. Enrollments without tenprints require 1-2 iris images be submitted. Enrollments can either completely succeed (two iris images enrolled), completely fail (no iris images enrolled), or partially succeed (one iris image fails and one enrolls). Tenprint submissions with no iris images are considered "successful".

Agency	Location	Successful Enrollments						Errors	Total	
		2 Eyes		1 Eye		0 Eyes	Subtotal	Subtotal		
CA - SBCSO	CA - SBCSO	5,380	99.6 %	21	0.4 %	0	0.0 %	5,401	530	5,931
CA - RCSO	CA - RCSO	3,627	99.9 %	3	0.1 %	0	0.0 %	3,630	347	3,977
CA - LACRIS	CA - LACRIS	558	34.9 %	90	5.6 %	950	59.4 %	1,598	129	1,727
<b>TOTAL</b>	<b>3</b>	<b>9,565</b>	<b>90.0 %</b>	<b>114</b>	<b>1.1 %</b>	<b>950</b>	<b>8.9 %</b>	<b>10,629</b>	<b>1,006</b>	<b>11,635</b>

## Iris Images Submitted for Enrollment

High numbers of bad or skipped images may indicate a defective camera, poor lighting, or software issues.

Agency	Location	Left Eye						Right Eye					
		GOOD		BAD		SKIP		GOOD		BAD		SKIP	
CA - SBCSO	CA - SBCSO	5,388	99.8 %	13	0.2 %	0	0.0 %	5,393	99.9 %	8	0.1 %	0	0.0 %
CA - RCSO	CA - RCSO	3,629	100.0 %	1	0.0 %	0	0.0 %	3,628	99.9 %	2	0.1 %	0	0.0 %
CA - LACRIS	CA - LACRIS	606	37.9 %	0	0.0 %	992	62.1 %	600	37.5 %	0	0.0 %	998	62.5 %
<b>TOTAL</b>	<b>3</b>	<b>9,623</b>	<b>90.5 %</b>	<b>14</b>	<b>0.1 %</b>	<b>992</b>	<b>9.3 %</b>	<b>9,621</b>	<b>90.5 %</b>	<b>10</b>	<b>0.1 %</b>	<b>998</b>	<b>9.4 %</b>

## Delayed Submissions

The submission creation date is compared to the date received at FBI CJIS Division. Differences may indicate connectivity issues.

Agency	Location	Min. Days	Avg. Days	Max. Days	Total: Delayed	Total: All
There were no delayed ENROLL for the reporting period.						

## Iris Enrollment Errors

Submissions may contain multiple errors. Descriptions of error types can be found at the end of this report.

Agency	Location	Missing T-17 Errors	Templating Errors	Other	Total
CA - SBCSO	CA - SBCSO	517	10	3	530
CA - RCSO	CA - RCSO	293	52	2	347
CA - LACRIS	CA - LACRIS	129	0	0	129
<b>TOTAL</b>	<b>3</b>	<b>939</b>	<b>62</b>	<b>5</b>	<b>1,006</b>

## Identification Report

No identification search information is included in this report.

## Additional Information

### Agency, Facility, Location, and Serial Number

Locations are determined using the submitted iris camera Make/Model/Serial number (MMS) and iris image source agency (SRC) with a list of corresponding locations provided by the local or state agency. Please provide updates as needed.

### Error Types

#### Missing Type-17 Iris Record

*L0013 A general logic error was detected that is not currently defined. File contains an invalid number of Type-17 records.*

This error is caused by submissions with more or less than two Type-17 iris records. See the [Iris Pilot Tech. Spec.](#) for details.

#### Templating Errors

*IRP003 A template could not be created for the submitted image ELR: '1'.*

This error is almost always caused by low-quality iris images.

#### Other Errors

These errors include duplicate submissions and other minor glitches. Beginning in April 2015, most minor issues are automatically corrected on submissions. CJIS can provide additional information if needed.

### Response Times

Response times are measured from the time the Iris Pilot receives a submission to the time that a response leaves the Iris Pilot.

For iris enrollments submitted with tenprints there is additional time for tenprint processing before the irises are sent to the Iris Pilot that is not included in this report.

Bulk submissions are not included in average times.

### Two Iris Images vs. One Iris Image

*FBI CJIS Division always recommends enrolling and searching both irises to avoid any "clean misses".* For example, if only a right iris image is enrolled and a left iris image is searched, a non-match result will be returned even though the subject was enrolled in the iris database.

For each Type-17 Iris Record submitted there are three possible outcomes.

1. "GOOD" - The iris image was used for the enrollment or search.
2. "BAD" - The iris image failed to pass quality checks and was not used in the enrollment or search.
3. "SKIP" - No iris image was submitted.

### Contact Information

	Name	Title	Phone	Email
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Report prepared by FBI CJIS Division - Biometric Center of Excellence.

Reporting period Feb 1, 2016 through Feb 29, 2016. Generated on Thu Mar 3, 2016 @ 15:24:18 Eastern.