

Iris Pilot Operations Report

San Bernardino County Sheriff's Department (SBCSD)

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	5,401	530	5,931	-	0	0	0	0
2016 - January	0.6 s	5,751	566	6,317	-	0	0	0	0
Monthly average for each year takes into account partial years but not partial months.									
2016 Monthly Avg.	0.6 s	5,576.0	548.0	6,124.0	-	0.0	0.0	0.0	0.0
2015 Monthly Avg.	0.9 s	5,947.0	529.3	6,476.3	-	0.0	0.0	0.0	0.0
2014 Monthly Avg.	0.7 s	19,573.4	828.4	20,401.8	-	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	-	11,152	1,096	12,248	-	0	0	0	0
2015 Summary	-	71,364	6,352	77,716	-	0	0	0	0
2014 Summary	-	97,867	4,142	102,009	-	0	0	0	0
Total	-	180,383	11,590	191,973	-	0	0	0	0

Summary of Notable Items		
	Location	Message
A	Barstow	ENROLL: High percentage errors (14.6%)
B	Big Bear	ENROLL: High percentage errors (5.7%)
C	Central Detention Center	ENROLL: High percentage errors (9.4%)
D	Colorado River	ENROLL: High percentage errors (9.1%)
E	High Desert Detention Center (Adelanto)	ENROLL: High percentage errors (7.8%)
F	Moronga	ENROLL: High percentage errors (14.1%)
G	West Valley Detention Center (Rancho Cucamonga)	ENROLL: High percentage errors (8.7%)
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".

Facility	Location	Successful Enrollments						Errors	Total	
		2 Eyes		1 Eye		0 Eyes		Subtotal	Subtotal	
CA0360034	West Valley Detention Center (Rancho Cucamonga)	2,919	99.7 %	9	0.3 %	0	0.0 %	2,928	280	3,208
CA0360030	Central Detention Center	1,037	99.1 %	9	0.9 %	0	0.0 %	1,046	108	1,154
CA0360037	High Desert Detention Center (Adelanto)	1,009	99.8 %	2	0.2 %	0	0.0 %	1,011	85	1,096
CA0360008	Barstow	163	99.4 %	1	0.6 %	0	0.0 %	164	28	192
CA0360009	Moronga	110	100.0 %	0	0.0 %	0	0.0 %	110	18	128
CA0360006	Big Bear	82	100.0 %	0	0.0 %	0	0.0 %	82	5	87
CA0360010	Colorado River	60	100.0 %	0	0.0 %	0	0.0 %	60	6	66
TOTAL	7	5,380	99.6 %	21	0.4 %	0	0.0 %	5,401	530	5,931

Iris Images Submitted for Enrollment

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

Facility	Location	Left Eye					Right Eye						
		GOOD		BAD		SKIP	GOOD		BAD		SKIP		
CA0360034	West Valley Detention Center (Rancho Cucamonga)	2,923	99.8 %	5	0.2 %	0	0.0 %	2,924	99.9 %	4	0.1 %	0	0.0 %
CA0360030	Central Detention Center	1,039	99.3 %	7	0.7 %	0	0.0 %	1,044	99.8 %	2	0.2 %	0	0.0 %
CA0360037	High Desert Detention Center (Adelanto)	1,011	100.0 %	0	0.0 %	0	0.0 %	1,009	99.8 %	2	0.2 %	0	0.0 %
CA0360008	Barstow	163	99.4 %	1	0.6 %	0	0.0 %	164	100.0 %	0	0.0 %	0	0.0 %
CA0360009	Moronga	110	100.0 %	0	0.0 %	0	0.0 %	110	100.0 %	0	0.0 %	0	0.0 %
CA0360006	Big Bear	82	100.0 %	0	0.0 %	0	0.0 %	82	100.0 %	0	0.0 %	0	0.0 %
CA0360010	Colorado River	60	100.0 %	0	0.0 %	0	0.0 %	60	100.0 %	0	0.0 %	0	0.0 %
TOTAL	7	5,388	99.8 %	13	0.2 %	0	0.0 %	5,393	99.9 %	8	0.1 %	0	0.0 %

Delayed Submissions

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

Facility	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.

Facility	Location	Missing T-17 Errors	Templating Errors	Other	Total
CA0360034	West Valley Detention Center (Rancho Cucamonga)	275	4	1	280
CA0360030	Central Detention Center	105	2	1	108
CA0360037	High Desert Detention Center (Adelanto)	82	2	1	85
CA0360008	Barstow	28	0	0	28
CA0360009	Moronga	16	2	0	18
CA0360010	Colorado River	6	0	0	6
CA0360006	Big Bear	5	0	0	5
TOTAL	7	517	10	3	530

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 @ 15:24:21 Eastern.