



DNA SYMPOSIUM WESTERN CAPE 2023

Component: Forensic Science Laboratory Biology Section



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Creating a safe and secure, crime free environment, that is conducive for
social and economic stability, supporting a better life for all.

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PRESENTATION Outline



- Media reporting
- Minister's Media Briefing
- State of events 2021
- Biology Finalization Rate
- Biology Historic Backlog [251 603 Backlog Down Management] Status
- NPA Project
- 212 Statements issued



MEDIA REPORTING



DNA BACKLOG IN POLICING GROWS BY 70,000 SINCE 2021

The Authority of the National Forensic Oversight and Ethics Board (DNA Board) was grilled by members of the Parliamentary Portfolio Committee (PPC) on police to answer questions about its contradictory statistics.





MINISTER'S MEDIA BRIEFING



DNA backlogs significantly reduced, says Minister of Police Bheki Cele



DNA backlog to be cleared in 6 months, says Cele

Marvin Charles

news24

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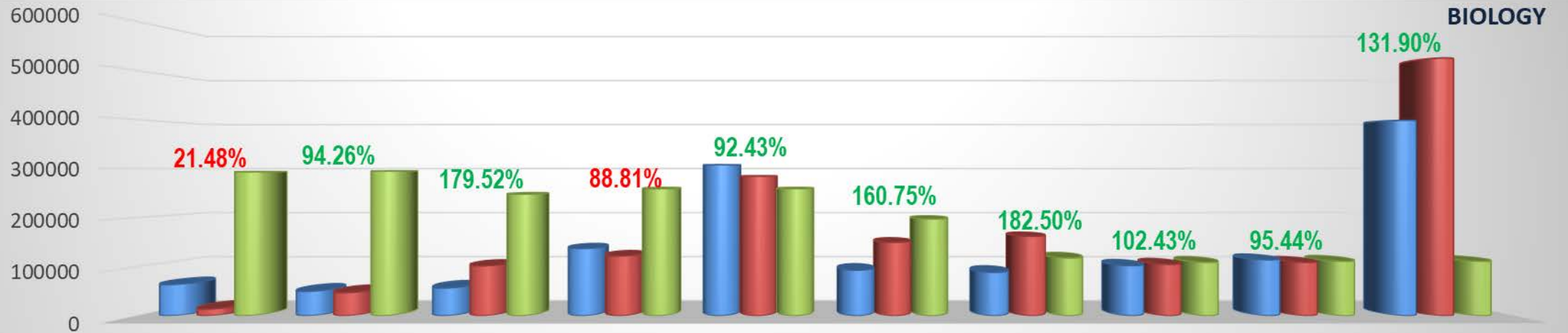
STATE OF EVENTS

- In 2021, bad publicity and inaccurate information portrayed by the media gave the Biology Section a bad name.
- The backlog at the time was over 241 000 entries across the country where EC contributed 16 045 entries.
- To alleviate such a backlog took intense planning and reshuffling of Human Resources to provide an efficient service to the citizens of the Republic and other African states.
- Appointment of FSL Component Head : Major General Mulaudzi(2021) and appointment of Section Head: Brig Hlalele(2022)

Finalization Rate: BIOLOGY



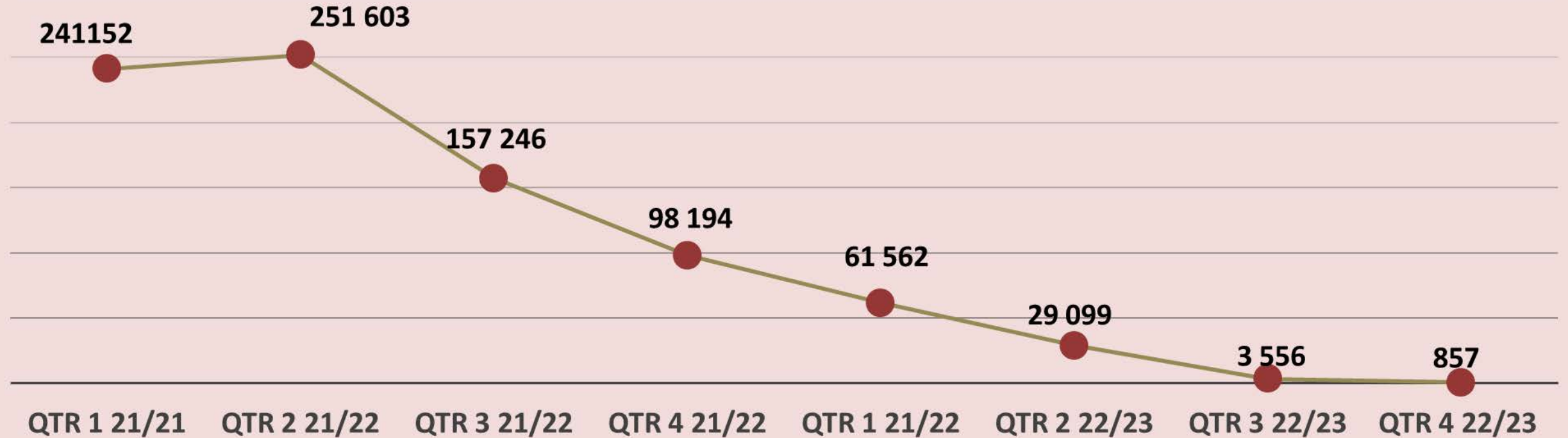
The finalisation rate has increased progressively from 21.48% in Q1 2021/22; 160.75% in Q1 2022/23; 182.50% in Q2 2022/2023 and in Q3 2022/2023 is at 102.43% . In Q4 2022/2023 it was at 95.44% and the total for the 2022/2023 was at 131.90%.



	QTR 1 21/22	QTR 2 21/22	QTR 3 21/22	QTR 4 21/22	TOTAL 21/22	QTR 1 22/23	QTR 2 22/23	QTR 3 22/23	QTR 4 22/23	TOTAL 22/23
Registered	63868	49982	56 691	137 285	307 826	93 161	88 759	102 328	114 191	398 439
Finalised	13720	47113	101773	121 923	284 529	149 752	161 981	104 819	108 986	525 538
On Hand	293448	295 077	247 964	259 123	259 123	197 425	117 889	108 949	111 216	111 216

The finalization Rate reflected in percentages (%) represents entries registered vs entries finalised per Quarter is calculated in exclusion of the on hand entries. The finalization rate is the representation of processing new and old cases simultaneously.

BIOLOGY: HISTORIC DATA [251 603 DOWN MANAGEMENT OF ENTRIES EXCEEDING TIMELINES]



EC	HQ	KZN	WC	TOTAL
0	829	0	28	857

The status of case exhibit entries in Q2 2021/22 was at 251 603 and in Q3 2022/23 was at 3 556 which indicates that the backlog has been reduced by **98.59%**. End of Q4 2022/23 was at 857 which is a reduction of **99.66%** from Q2 2021/2022.

NPA/SAPS PROJECT: COURT REQUESTS



Since the establishment of the NPA/SAPS Project, which was established in July 2021, a total of **31 259** cases were prioritised for analysis, as per court-directed requests.

Court Requests for DNA Reports per Province	Eastern Cape	Free State	Gauteng North	Gauteng South	KwaZulu-Natal	Limpopo	Mpumalanga	Northern Cape	North West	Western Cape	Total
Period: Aug 2021 to February 2023	1797	1934	1325	3756	5548	2390	2073	1372	2449	7424	30 060
Total Requests For July 2021											1 191
Overall Total Requests for DNA Processing, as per Court Priority											31 259



Biology: overall 212 statements issued: Apr 2022– MAR 2023



PROVINCES	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	TOTAL
GP	1186	1314	1422	1568	1996	2371	2218	2074	1735	1806	2432	1763	21 885
WC	792	761	1047	922	1129	722	723	1244	1116	922	1106	935	11 419
KZN	157	0	53	319	592	268	153	280	289	658	730	224	3 723
EC	543	557	500	238	531	570	143	12	97	1307	242	412	5 152
TOTAL	2678	2632	3022	3047	4248	3931	3237	3610	3237	4693	4510	3334	42 179

Managed to deposit 42 179; 212 statements on the ICDMS [over and above what was requested by the NPA]

ADDITIONAL PHYSICAL RESOURCES QGEBERHA (EC)



- The laboratory has been equipped with the following for DNA analysis:
- 12 DNA Isolation work stations
- 2 Quantification work stations
- 2 Amplification work stations
- 2 Fragment Separation work stations
- Resulting in an average of ± 9000 DNA samples processed per month.



RETURN INVESTMENT

- Biology Section in the EC has appointed 22 new Forensic Analysts currently under training since 2023-01.
- 7 New interns (administration support) injected to EC since 2023-03.

CURRENT STAFF COMPLIMENT	CURRENT OUTPUT	ADDITIONAL STAFF	EXPECTED OUTPUT
85	Average \pm 800 cases	29	Average \pm 1200

- EC Laboratory has processed 4423 number of samples with 51% first time success rate (approximately 631 entries finalized)



IMPACT



- The impact of the EC laboratory will decrease the sample processing rate of the Western Cape Laboratory allowing the WC laboratory to give full attention to the WC and Northern Cape cases thus also providing a speedy and efficient service to the 2 provinces.
- Priority case: since the launch EC has processed independently the media case (FortHare University murder's)





THANK YOU