



Vote 20

An Garda Síochána

Public Accounts Committee Briefing Document 2nd February 2012

2010 Appropriation Account

Chapter 21 Fingerprint Systems

Overview of Vote 20

The table shows the 2010 Estimate allocation and expenditure outturn under each subhead of the Vote, as contained in the 2010 Appropriation Account, as well as the 2011 Estimate Allocation and 2011 Provisional outturn

Subhead	2010 Estimate €000	2010 Outturn €000	2011 Estimate €000	2011 Outturn (Provisional) €000
A.1 Salaries, Wages and allowances	1,028,097	1,025,943	1,041,500	1,036,914
A.2 Travel & Subsistence	19,679	19,733	21,775	20,560
A.3 Incidental Expenses	17,745	18,055	19,261	18,985
A.4 Postal and Telecommunications services	43,498	42,845	39,675	44,852
A.5 Office machinery and other office supplies and related services	28,147	28,537	24,035	24,563
A.6 Maintenance of Garda Premises	8,021	9,058	10,000	9,498
A.7 Consultancy services	208	11	60	52
A.8 Station services	19,556	19,401	20,170	20,102
A.9 Implementation of Garda SMI	143	152	143	145
A.10 Garda Reserve	480	874	875	785
B. Clothing and accessories	3,394	3,783	3,185	3,896
C. St Paul's Garda Medical Aid Society	124	124	124	124
D. Transport	29,141	27,941	25,455	26,146
E. Communications and other Equipment	22,685	23,276	31,552	32,743

Subhead	2010 Estimate €000	2010 Outturn €000	2011 Estimate €000	2011 Outturn (Provisional) €000
F. Aircraft	2,050	1,951	1,800	1,835
G. Superannuation, etc	288,751	289,069	309,773	307,118
H. Witnesses Expenses	2,005	2,027	1,805	1,837
I. Compensation	17,880	17,198	20,935	20,103
J. Witness security programme	700	700	700	700
Gross Expenditure	1,532,304	1,530,678	1,572,823	1,570,958
K. Appropriations-in-aid	132,947	133,040	133,200	133,649
Net Expenditure	1,399,357	1,397,638	1,439,623	1,437,309
Surplus to be surrendered		1,719		2,314

Explanations on causes of Variation between Outturn and Estimate Provision

An explanation is provided in the Appropriation Accounts in the case of each expenditure subhead where the outturn varies from the amount provided, after any supplementary adjustments, by more than €100,000 and by more than 5%. The following table sets out the position across Subheads where variations occurred in 2010:

Subhead	2010 Estimate €000	2010 Outturn €000	Variation Less/(more) than provided €000
A.6 Maintenance of Garda Premises	8,021	9,058	(1,037)
A.7 Consultancy services	208	11	197
A.10 Garda Reserve	480	874	(394)
B. Clothing and accessories	3,394	3,783	(389)

Explanations provided in the Appropriation Account include the following:

<u>Subhead</u>	<u>Variation (€000)</u>
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A.6 Maintenance of Garda Premises	(1,037)
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The excess arose due to essential maintenance works to improve members' working environment.

A.7 Consultancy services	197
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The saving arose due to the organisation's commitment to reducing consultancy expenditure as per Department of Finance directions.

A.10 Garda Reserve	(394)
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The excess arose due to the taxation costs associated with the Garda Reserve allowance of €1,000 per reservist.

B. Clothing and accessories	(389)
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The excess arose due to the requirement to purchase additional operational equipment for security and policing purposes.

Chapter 21 – Fingerprint Systems

AFIS Fingerprint System

The procurement process for the AFIS system began in 2004. The Department of Justice and Equality initiated a tender competition on 16th December 2004, with the publication of an invitation to tender to select an Automated Fingerprint Identification System (AFIS). This tender was issued based on sanction being received from the Department to publish. The tender competition was for the Implementation and Integration of the National Fingerprint Identification System for An Garda Síochána, The Department of Justice and Equality (INIS) and The Office of Refugee Applications Commissioner (ORAC) and the Irish Prison Service (IPS)

This procurement process was primarily driven due to the end of support for the current system in December 2006 and the requirement to commence the relevant provisions of the Immigration Acts. This competition was conducted under the “restricted procedure” rules governing public procurement in operation within EU Member States.

The final phase of the AFIS four phase project was accepted by the AFIS Project Board in October 2009. The project has resulted in significant benefits to An Garda Síochána in the prevention, investigation and detection of criminal activities. This application is also now used by other Justice Agencies including Irish Naturalisation and Immigration Service, Office of the Refugee Applications Commissioner and the Irish Prison Service in their day to day activities. The original business case estimated a cost of €18million for the project excluding any contingency. The actual cost of the system was €23.13million which included €1.97 million for system enhancements and additional hardware based upon increased and expanded operational requirements which were not envisaged in the original tender. In addition, and at the request of the Department of Justice and Equality, €1.33 million was spent on developing the EVisa Pilot for implementation in two locations in Nigeria, Lagos and Abuja to address the issue of visa shopping following the United Kingdom’s introduction of biometric visas. The effective net project overrun of €1.83 million equates to 11% of the tendered price and is within the 10 – 15% contingency normally provided for in a project of this scale.

Since the new AFIS system went live 51% percent of all criminal prints are captured using the new livescan technology. Additionally due to the increased number of livescans available within An Garda Síochána the number of prints captured annually has increased from 16,013 in 2008 to 21,129 in 2011 an overall increase of 5,116 equating to a 32% increase.

Prints captured by livescan can be checked in real time to validate the identity of the person and results provided on the PULSE or Garda National Immigration IT system which were integrated with AFIS as part of this project. The hit rate on prints found at crime scenes has increased significantly by 90% since the first phase of the project went live in 2007.

System delivery

The system is fully operational and is now in maintenance mode. The implementation of the AFIS system and the Integration Hub provided the following business benefits for An Garda Síochána, The Department of Justice and Equality, Office of the Refugee Applications Commissioner and the Irish Prison Service:

An additional Evisa pilot was implemented in Nigeria. The use of unique biometric data is the only sure way to tie an individual to a definite identity. Biometrics help to counteract identity and travel document fraud and are fast becoming the norm in visa regimes. It was found that since the UKBA's equivalent system went live in Nigeria, there was concrete evidence of shopping for Irish visas rendering the workload in the Visa Office in Abuja unmanageable. The implementation of this pilot addressed this situation.

AFIS Business Benefits	Delivered
Solve crimes using fingerprint based Biometric data	✓
Utilise fingerprint based biometric data for identification of non-EEA national immigrants	✓
Utilise fingerprint based biometric data for identification of asylum seekers	✓
Give effect to the legislative requirements in the Immigration Acts to fingerprint all non-EEA nationals on registration with GNIB and in the Refugee Act, 1996 to fingerprint all asylum seekers on application (and the EU EURODAC Regulation to fingerprint all asylum applicants)	✓
Assist in tackling immigration abuses arising from, inter alia, multiple identities with consequent benefits for fraud detection and other forms of abuses\evasion, etc	✓
Meet the key Strategic objective of An Garda Síochána:	

• <u>Garda Technical Bureau</u> : Increase their core capabilities of crime solving and in particular latent matching through the acquisition of improved technologies	✓
• <u>Garda National Immigration Bureau</u> : The use of biometric data for identification purposes and the ability to utilise the mobile technology.	✓*
• <u>ORAC</u> : The use of biometric data for identification purposes for asylum applications	✓
• <u>ORAC</u> : The use of biometric data for identification purposes for asylum applications	✓
• <u>Public Confidence</u> : To improve public confidence in An Garda Síochána	✓
• <u>Garda IT</u> : The implementation of a framework that enables seamless communication of future Garda IT systems.	✓
Improve Technologies for latent capture and matching process	✓
Use of automated techniques for feature extraction/encoding	✓
Improve electronic capture of Ten Prints ensuring the quality of data input into the database	✓
Improve electronic capture of Palm Prints	✓**
Enable GNIB to search against EURODAC and AFIS database remotely	✗*
Enable ORAC to have access to the AFIS database for search, match and verification capabilities.	✓
Enable GNIB to fingerprint and validate the fingerprints of non-EEA nationals	✓

Notes:

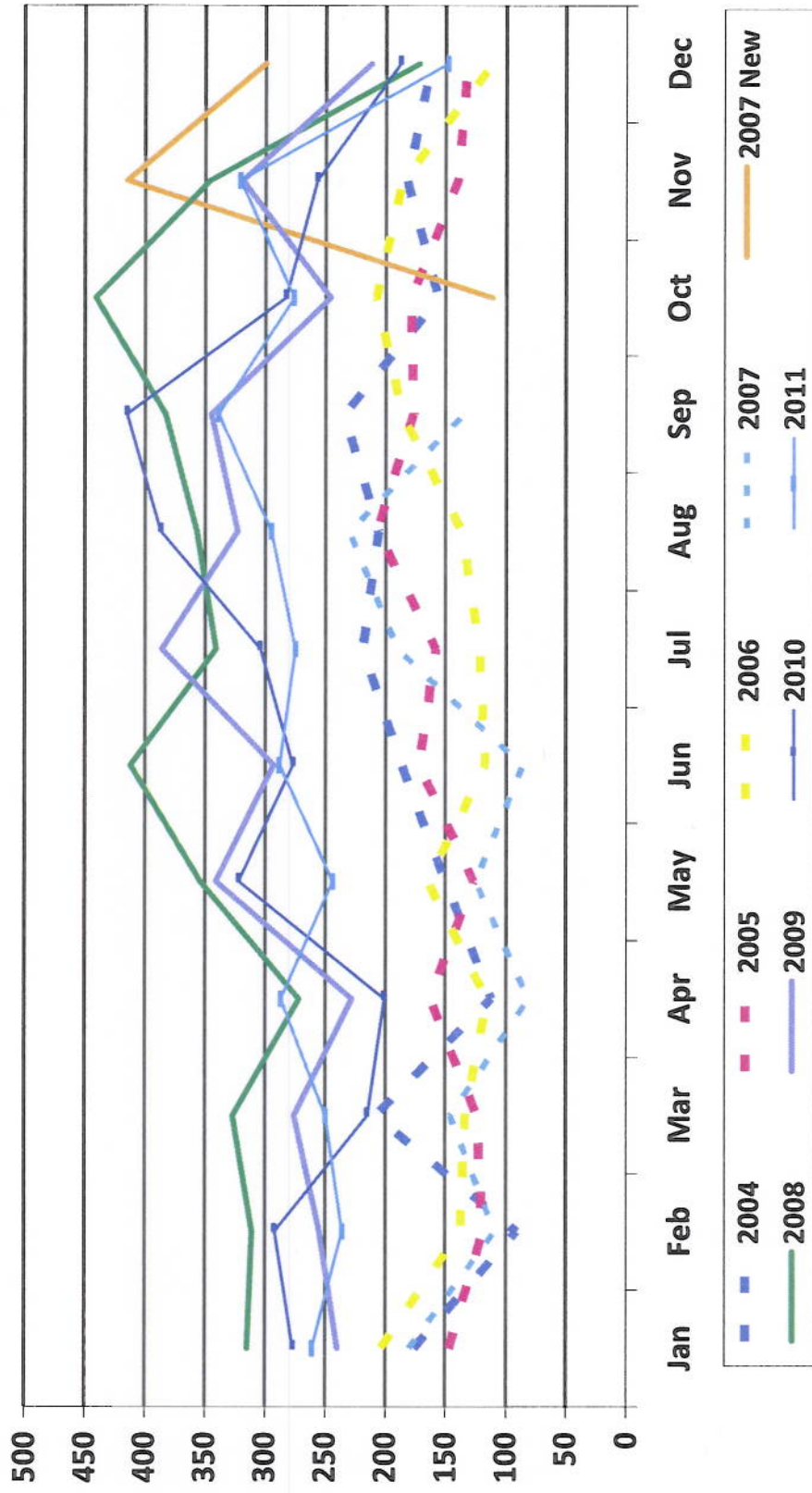
* Existing legislation does not support deployment of enhanced mobile technology

** Existing legislation does not allow for capture of Palm Prints for Immigration or Asylum Workflows

Remote Livescans units are operational in the following locations.

Location	End Function	Livescan Status
ANGLESEA ST – CORK	GNIB / PULSE	Live for GNIB & PULSE
BALLYMUN	PULSE	Live for Pulse Criminal
BANDON	GNIB / PULSE	Live for GNIB & PULSE
BRAY	GNIB / PULSE	Live for GNIB & PULSE
BRIDEWELL	PULSE	Live for Pulse Criminal
BURGH QUAY	GNIB	Livescan in location - Waiting on Go-Live date
BURGH QUAY	GNIB	Livescan in location - Waiting on Go-Live date
BURGH QUAY	GNIB	Livescan in location - Waiting on Go-Live date
BURGH QUAY	GNIB	Livescan in location - Waiting on Go-Live date
BURGH QUAY	GNIB	Livescan in location - Waiting on Go-Live date
CARLOW	GNIB / PULSE	Live for GNIB & PULSE
CASLTIBAR	GNIB / PULSE	Live for GNIB & PULSE
CORK AIRPORT	GNIB	Live for GNIB
DROGHEDA	GNIB / PULSE	Live for GNIB & PULSE
DUBLIN AIRPORT - PIER D	GNIB	Live for GNIB
DUBLIN AIRPORT - TERMINAL 2	GNIB	Live for GNIB
DUBLIN PORT	GNIB	Live for GNIB
DUN LAOGHAIRE PORT	GNIB	Live for GNIB
DUNDALK	GNIB / PULSE	Live for GNIB & PULSE
ENNIS	GNIB / PULSE	Live for GNIB & PULSE
FINGLAS	PULSE	Live for PULSE
GARDA TRAINING COLLEGE	TRAINING	Training Workflow only activated
HENRY ST – LIMERICK	PULSE	Live for PULSE
HENRY ST – LIMERICK	GNIB	Live for GNIB
KILDARE	GNIB / PULSE	Live for GNIB & PULSE
KILKENNY	GNIB / PULSE	Live for GNIB & PULSE
KNOCK AIRPORT	GNIB	Live for GNIB
LETTERKENNY	GNIB / PULSE	Live for GNIB & PULSE
LISBANE – GALWAY	GNIB	Live for GNIB
MALLOW	GNIB / PULSE	Live for GNIB & PULSE
MAYNOOTH	GNIB / PULSE	Live for GNIB & PULSE
MILL ST – GALWAY	PULSE	Live for PULSE
MONAGHAN	GNIB / PULSE	Live for GNIB & PULSE
MOUNTJOY PRISON	PHASE 1 CRIMINAL	Live for Prison
MULLINGAR	GNIB / PULSE	Live for GNIB & PULSE
NASS	GNIB / PULSE	Live for GNIB & PULSE
NAVAN	GNIB / PULSE	Live for GNIB & PULSE
ORAC	PHASE 2 ORAC	Live for ORAC
ORAC	PHASE 2 ORAC	Live for ORAC
PEARSE ST	PULSE	Live for PULSE
PORTLAOISE	GNIB / PULSE	Live for GNIB & PULSE
RONANSTOWN	PULSE	Live for PULSE
ROSCOMMON	GNIB / PULSE	Live for GNIB & PULSE
ROSSLARE PORT	GNIB	Live for GNIB
ROXBORO ROAD (LIMERICK)	PULSE	Live for PULSE
SHANNON AIRPORT	GNIB	Live for GNIB
SLIGO	GNIB / PULSE	Live for GNIB & PULSE
STORE STREET	PULSE	Live for PULSE
TALLAGHT	PULSE	Live for PULSE
THURLES	GNIB / PULSE	Live for GNIB & PULSE
TRALEE	GNIB / PULSE	Live for GNIB & PULSE
WATERFORD	GNIB / PULSE	Live for GNIB & PULSE
WEXFORD	GNIB / PULSE	Live for GNIB & PULSE

As a result of the deployment of the latest AFIS technology there has been an improvement on the number of "hits" of the AFIS system



An Garda Síochána are now capturing over 50% of print using the latest livescan technology and there are ongoing initiatives to increase this percentage.

Year	2008	2009	2010	2011
Total Criminal Submission	16,013	18,910	23,583	21,129
Wet Ink Submission	14,008	14,163	12,807	10,262
Live Scan Submission	2,005	4,747	10,775	10,867
Live Scan % of Total	12.52%	25.10%	45.69%	51.43%