








General Question Selection

1. General Questions Please indicate whether you agree with the following general statements?

	Yes	No	Answers	Individuals	Participants	Reach
Data Integrity including its validity, structure, standardisation and shareability are critical characteristics for the data associated with my function.	100% (19)	0% (0)	19	19	20	95%
Consistency and equivalence of related information stored or used in various data systems is critical to my work function.	100% (19)	0% (0)	19	19	20	95%
I need an authoritative source of reference to assure the correctness of the content of the data I use in my daily work.	88.89% (16)	11.11% (2)	18	18	20	90%
Data standards and structure are important dimensions in ensuring my data is usable and fit for purpose.	94.74% (18)	5.26% (1)	19	19	20	95%
Common data standards and structure with shared governance must be applied to all of our ICT systems and technologies.	89.47% (17)	10.53% (2)	19	19	20	95%
	94.68% (89)	5.32% (5)				

General Question - Additional Comments

1a Additional Comments

 13/11/2013 11:29	This is a key research interest of mine as opposed to clinical practice
 13/11/2013 22:42	These are very important and I agree with all of the statements.
 18/11/2013 22:06	I do not agree with shared governance for ALL ICT data standards. Some data is sectoral. The common standards and structures need to apply to shared data only.
 20/11/2013 13:52	Cannot disagree with all of this
 14/11/2013 13:14	As the regulator of medicinal products, my organisation is required to receive/distribute data using standards established under EU legislation & guidance.
 14/11/2013 15:52	As a GP I interact with HSE systems but control my own data. I feel standardisation is critical but would be slow to share governance.
 14/11/2013 18:52	As a GP I can manage most patient care without much systems interoperability but the administrative functions and many clinical functions would be much improved by standardised systems

Data Dictionary Selections

2. DATA DICTIONARY Please indicate whether you agree with the following statements about a common Data Dictionary?

	Yes	No	Answers	Individuals	Participants	Reach
I need better availability and greater comprehensiveness of data compared to that currently available.	83.33% (15)	16.67% (3)	18	18	20	90%
In my work role, I need structured data that is defined unambiguously using a central point of reference.	88.89% (16)	11.11% (2)	18	18	20	90%
A Data Dictionary providing me with standardised, shareable and unambiguously defined data is critical to my role.	83.33% (15)	16.67% (3)	18	18	20	90%
The Data Dictionary must be able to facilitate standardised and structured data exchange both internally and with external agencies.	100% (19)	0% (0)	19	19	20	95%
	89.04% (65)	10.96% (8)				

Data Dictionary - Additional Comment









2a. Additional Comments



 13/11/2013 11:29	The development of data dictionaries in Ireland is a key priority
 13/11/2013 22:42	Same as comments above.
 14/11/2013 13:14	My organisation uses data dictionaries extensively. We have our own medicinal product data dictionary based on the ISO IDMP standard(s)
 14/11/2013 18:52	I would like all of the above but do not necessarily "need" them or find them "critical"
 18/11/2013 22:06	I am unsure whether you are referring to metadata or actual data. For instance, the second question, are you referring to data structure or the contents.
 20/11/2013 15:21	Dictionary must be active i.e accessible by developers / applications to check conformance to defitions etc.

3. Please tick the boxes which apply;

	Answer Percent	Answer Total
The HSE ICT Systems and technologies occasionally limit my ability to enter the data that I need <input type="checkbox"/>	35.29%	6
I regularly encounter data entry problems with HSE ICT Systems and technologies <input type="checkbox"/>	47.06%	8
I am satisfied with the current data input capability of HSE ICT systems and technologies <input type="checkbox"/>	17.65%	3
Total answers		17
Unique Respondents		14
Respondent Reach		70%
Mean		1.82

4. Please outline your most pressing data entry requirements for these systems.

 12/11/2013 13:48	Unique Health Identifier is most pressing need Agreed standard for geocoding local areas also urgently needed- this supports epidemiological mapping but is also essential for correct return of results to responsible authority(e.g. newborn screening results) to avoid missed cases etc and support failsafe processes
 13/11/2013 11:29	Translational research completed last year with community care encountered a number of data entry problems
 20/11/2013 15:21	there is a great need to share data - which is consistent and coherent. At present this can generally only be achieved by once off work arounds.
 18/11/2013 22:06	Most of the limitations/issues are identified but have more to do with inertia on the HSE side
 13/11/2013 13:05	I operate outside the HSE
 14/11/2013 18:52	I do not use HSE ICT systems directly at present
 14/11/2013 13:14	At present the IMB has no direct access to HSE systems, though we would wish to have greater automation of adverse reaction reports, or quality defect notifications from the HSE systems. Additional access to HSE contact/distribution lists or communication channels would be extremely valuable.
 14/11/2013 10:57	Am not engaged personally in data entry We have one ICT system which our department uses all the time called CIDR (computerised infectious disease reporting) It needs a major revision in my view in relation to data entry as it is far too cumbersome






 25/11/2013 10:16	Access to secure online and accurate data entry systems. The responsiveness of the HSE IT is very poor in adopting new technologies.
 12/11/2013 16:04	~There are no data entry issues other than lack of staffing resources and an overdependence on drop down lists and a lack of use of bar code scanning and electronic signature scanning






5. Please tick the box below which best represents the restrictions you encounter with data search and presentation using HSE ICT Systems.









	Answer Percent	Answer Total
I encounter significant limitations in searching and viewing relevant data already entered in the system <input type="checkbox"/>	33.33%	5
I encounter some limitations in searching and viewing relevant data already entered in the system <input type="checkbox"/>	53.33%	8
I have no problem searching and viewing relevant data already entered in the system <input type="checkbox"/>	13.33%	2
Total answers		15
Unique Respondents		13
Respondent Reach		65%
Mean		1.8

6. Please list your most pressing challenges with respect to data search and presentation capabilities when using HSE ICT Systems.








(Please list these in order of priority) with respect to data search and presentation capabilities when using HSE ICT Systems.

 20/11/2013 15:21	Searches are generally system specific- so not that hard to do. But its very difficult to search for data e.g. patient specific over multiple systems .
 12/11/2013 13:48	One of the most obvious difficulties is the variation in practice and standards of ICT systems used in child health information systems - in certain areas data is easily accessible to the general user but in most it is not available without expert ICT request
 13/11/2013 11:29	Most systems in HSE ICT have been established as closed systems and do not accommodate homogenous searches to present views or summaries of health records. Network infrastructure whilst well established in some organisations is limited to this organisation so shared record views and summaries across and between institutions is not possible with the exception of Healthlink
 20/11/2013 13:52	Includes the incident data on the State Claims Agency's system
 14/11/2013 13:14	IMB has no access to HSE ICT Systems. IMB is a data provider to HSE (licensed medicines and generic interchangeability data)

 13/11/2013 13:05	I work outside the HSE
 14/11/2013 10:57	I use Hospital INpatient Enquiry data (HIPE system) This is one of the better HSE ICT systems - my limitations in finding what I want are more related to the infrequency with which I use it
 14/11/2013 18:52	I find the PCRS system difficult to use for some functions such as new GMS registrations for babies
 25/11/2013 10:16	Access to up todate data and a consistent account of this data
 18/11/2013 22:06	1. Lack of structured discharge prescriptions from the HSE hospitals and clinics 2. Lack of detailed electronic returns from PCRS arm of HSE

7. The purpose of this question is to establish the usage and type of data processing requirements undertaken by the HSE ICT Systems and technologies that you use. In the boxes below please tick all that apply.			
		Answer Percent	Answer Total
Finding the data needed		16.28%	14
Documenting healthcare delivery		16.28%	14
Reporting to management		13.95%	12
Reporting to National registries		10.47%	9
Clinical Audits		11.63%	10
Own research/analysis		15.12%	13
Research/analysis for third parties		11.63%	10
Billing		4.65%	4
Total answers			86
Unique Respondents			17
Respondent Reach			85%
Mean			4

7. Other please specify?




 13/11/2013 11:29	There is an urgent need to devise systems for integrated care particularly for documenting clinical referral and discharge
 14/11/2013 13:14	Providing data on medication.
 18/11/2013 22:06	Prescriptions Approval to supply
 14/11/2013 18:52	no relevance to me
 13/11/2013 13:05	I work outside the HSE but have ticked the boxes that are relevant to my work. I interact with referrals from within the HSE
 14/11/2013 15:52	I am my own boss but do need to generate data for internal analysis and management purposes.
 20/11/2013 15:21	all of above + maintaining patient owned/focused data repository

8. Please tick the boxes below that are relevant to your data exchange requirements.

	Patient Records	Patient Summary	Patient Medication List	Patient Prescription	Referral Letter	Discharge Letter	Research data	Answers	Individuals	Participants	Reach
I need capabilities for importing (without problems) data from other internal systems:	16.67% (10)	16.67% (10)	15% (9)	15% (9)	11.67% (7)	11.67% (7)	13.33% (8)	60	15	20	75%

I need capabilities for importing (without problems) data from other external systems:	19.3% (11)	19.3% (11)	14.04% (8)	14.04% (8)	10.53% (6)	10.53% (6)	12.28% (7)	57	14	20	70%
I need capabilities for exporting (without problems) data from other internal systems:	17.14% (6)	17.14% (6)	14.29% (5)	8.57% (3)	8.57% (3)	8.57% (3)	25.71% (9)	35	11	20	55%
I need capabilities for exporting (without problems) data from other external systems:	16.22% (6)	18.92% (7)	13.51% (5)	10.81% (4)	13.51% (5)	13.51% (5)	13.51% (5)	37	10	20	50%
I need capabilities to find view and use the data:	23.21% (13)	16.07% (9)	14.29% (8)	10.71% (6)	8.93% (5)	10.71% (6)	16.07% (9)	56	15	20	75%
	18.78% (46)	17.55% (43)	14.29% (35)	12.24% (30)	10.61% (26)	11.02% (27)	15.51% (38)				

8. Other (Please indicate)

 14/11/2013 13:14	Please note that my organisation is a data provider to HSE. We provide HSE with the listing of licensed medicines (ISO std) together with the interchangeability indicators for generic medication. Ideally we could also receive quality defect reports; adverse events with medical devices; etc. directly from the HSE systems.
 13/11/2013 11:29	Patient summary records as opposed to patient records are more urgent at this time
 14/11/2013 18:52	currently GP computerised records are usually the most extensive ,upto date and accurate patient record thus we end up providing information for multiple agencies such as daycare, nursing homes, social workers, PHNs, PCT members, hospitals etc - this should really be the HSEs responsibility and creates huge workload for GPs - a central repository which could be automatically updated might eliminate this

9. Please tick the boxes below that best identify the problems you encounter with the import and export of digital data from the HSE Health ICT systems that you regularly use











	Patient Records	Patient Summary	Patient Medication list	Patient Prescription	Referral Letter	Discharge letter	Research data	Answers	Individuals	Participants	Reach
My IT-system is not capable of importing data from other internal systems:	21.28% (10)	17.02% (8)	12.77% (6)	12.77% (6)	10.64% (5)	10.64% (5)	14.89% (7)	47	12	20	60%
My IT-system is not capable of importing data from other external systems:	20.41% (10)	18.37% (9)	14.29% (7)	10.2% (5)	12.24% (6)	12.24% (6)	12.24% (6)	49	12	20	60%
My IT-system is not capable of exporting data from other internal systems:	23.68% (9)	18.42% (7)	13.16% (5)	10.53% (4)	10.53% (4)	13.16% (5)	10.53% (4)	38	10	20	50%

My IT-system is not capable of exporting data to external systems:	25% (9)	16.67% (6)	13.89% (5)	11.11% (4)	11.11% (4)	11.11% (4)	11.11% (4)	36	10	20	50%
	22.35% (38)	17.65% (30)	13.53% (23)	11.18% (19)	11.18% (19)	11.76% (20)	12.35% (21)				

9. Other (Please Indicate)

 13/11/2013 20:03	Yes
 13/11/2013 11:29	With the exception of established registries , GP systems and Health link there is little opportunity to export or import data across the HSE. Nursing and midwifery records are primarily paper based.
 13/11/2013 13:05	note I am external to HSE and do not yet have an electronic patient record system
 14/11/2013 18:52	no relevance to me
 14/11/2013 15:52	Internal Practice management system very capable of importing and exporting extracted data as a PDF or Word document but limited capability in exporting data that can be directly integrate in to other systems.
 20/11/2013 15:21	importing/ exporting can only be done via HL:7 in the most part
 18/11/2013 22:06	I do not directly use any HSE ICT system. I exchange data with them.
 14/11/2013 15:25	GP systems are capable of importing multiple structured messages in HL7 v2.4 format and also capable of generating electronic referrals in HL7 v2.4.

10. What are the most pressing problems with respect to data import and export capabilities

 14/11/2013 15:52	We need secure e-mail to allow secure transfer of patient information to/from HSE and in the longer term need structured messages and interrogation facilities so that the information we obtain can be integrated directly in to the patient record and so that referrals can be made from within the PMS for all specialities and community resources.
 20/11/2013 15:21	sharing patient data between on site system silos e.g. lab data to diabetes system etc
 11/11/2013 19:38	Patient Demographics, Referrals, and Medications import. Patient Summary export
 20/11/2013 13:52	Organisation structure constantly changing so comparisons and aggregation of data a constant problem.
 13/11/2013 13:05	note I am external to HSE and do not yet have an electronic patient record system
 12/11/2013 13:48	Lack of uniformity and a national standard
 14/11/2013 10:57	I have done a lot of work on patients with diabetes over the years , no clinical management IT system in hospital. Need integrated IT systems which link all services required by these complex patients, similarly need these IT systems for all patients with chronic disease. Need to move towards Electronic Health Records for patients
 13/11/2013 11:29	Electronic transfer /referral of core patient data on discharge across and between services View patient health outcome status data to inform care planning which is patient centered to manage/ target effective use of existing resources and services
 25/11/2013 10:16	Access to the data which is confined in proprietary legacy system
 18/11/2013 22:06	1. Import prescriptions 2. Import payment information for drugs supplied 3. Export vaccination records









11. Please tick the boxes below which you deem are of importance to your future business and systems requirements.

	Answer Percent	Answer Total
Flexible arrangements so that healthcare providers and other users of the IT Systems can define and change information needs quickly	15%	15
Adoption of a 'Big Bang' revolutionary scenario to Information Architecture development	3%	3
Adoption of a stepwise evolutionary approach to Information Architecture development	15%	15
Structured standardised data for information exchange between systems	18%	18
The adoption of ICT and Information Standards early in the procurement process to ensure data alignment across all core systems and technologies	16%	16
Data Standards for faster and cheaper integration time for Information systems	15%	15
Improved Data Quality	18%	18
Total answers		100
Unique Respondents		19
Respondent Reach		95%
Mean		4.34





12. If you regularly use systems outside of the HSE ICT portfolio please provide a list of these systems and any standards you are aware of that they use. These may include:

	Answer Percent	Answer Total
Message standards such as: Edifact, HL7v2, HL7 v3 etc.	42.31%	11
Coding systems such as: SNOMED, ICD, ICPC, national, local classifications, etc.	57.69%	15
Total answers		26
Unique Respondents		15
Respondent Reach		75%
Mean		1.58

12. Other Technical Standards

 13/11/2013 11:29	Recommending uptake and use of HISA for nursing and midwifery service delivery reporting
 13/11/2013 13:05	note I am external to HSE and do not yet have an electronic patient record system
 14/11/2013 13:14	MedDRA; HL7 E2B; ISO IDMP; WHO ATC/DDD; WHO INN; Please find attached document outlining details of standard utilised by the Irish Medicines Board
 13/11/2013 22:42	Loinc (Lab) and ICPC2
 14/11/2013 10:57	I have been involved with GP It systems which use ICPC or Snomed
 14/11/2013 18:52	Healthlink messaging -HL7v2, XML ICPC 2 and ICD10 and LOINC and Health One dictionary
 18/11/2013 22:06	Community Pharmacists/HSE: Message standards based on PICNIC, a child of the PCRS and a few other EU based bodies. This is loosely based on HL7 V1. We also use a derived Edifact message for ordering, which is in the process of being replaced by ebXML. Drug coding based three separate codes: IPU codes/ATC/GMS -IPU product file is drug/product file used in 90% community pharmacies and many hospitals. ATC codes are only international standard but the file is normalised and could readily incorporate Snomed CT coding.
 20/11/2013 13:52	CIS data in State Claims Agency. Data in funded organisations

Please tick as appropriate

13. Please tick as appropriate			
		Answer Percent	Answer Total
I am an employee of the HSE and use HSE ICT systems		42.86%	9
I am not an employee of the HSE but I use HSE ICT systems		14.29%	3
I am not an employee of the HSE but my agency's ICT systems interface with the HSE's ICT systems		23.81%	5
I am not an employee of the HSE but I am familiar with HSE ICT systems		19.05%	4
Total answers			21
Unique Respondents			19
Respondent Reach			95%

Mean

2.19

 25/11/2013 10:26:25

Your Name
Brian McCarthy
Organisation
ESRI
Email Address
brian.mccarthy@esri.ie
Not answered

 25/11/2013 10:16:23


Your Name
John Joyce
Organisation
SDU HSE
Email Address
johnjoyce.sdu@hse.ie
Not answered

 20/11/2013 15:21:30

Your Name
Tony Kenny
Organisation
Connolly Hospital
Email Address
tmpkenny@gmail.com
Best wishes for this work. Its important. personal opinions expressed only - not that of organisation.

 20/11/2013 13:52:56

Your Name
John Kenny
Organisation
HSE
Email Address
john.kenny@hse.ie
Not answered

 18/11/2013 22:06:58

Your Name
Jack Shanahan

Organisation
Irish Pharmacy Union

Email Address
shanahan.jack@gmail.com

A key issue for pharmacists will be some type of electronic prescription repository or hub where prescriptions will be temporarily stored prior to retrieval/cancellation/return. We have reached this position because trials with direct to pharmacy transmission have been largely unviable, presenting major deficiencies. The introduction of national identifiers for patients, professionals and locations are also important issues.

 14/11/2013 18:52:09

Your Name
Frank Hill

Organisation
Not answered

Email Address
drfrankhill@gmail.com

Not answered

 14/11/2013 15:52:23

Your Name
Dr. Kieran Murphy

Organisation
GP IT ICGP

Email Address
info@westburymc.com

Brian O'Mahoney asked us to comment on this survey and is the direct representative of GP IT at the meetings.


 14/11/2013 15:25:30

Your Name
Brian O'Mahony

Organisation
GPIT

Email Address
omahonyb@gmail.com

Not answered

 14/11/2013 13:14:39

Your Name
Suzanne McDonald

Organisation
Irish Medicines Board

Email Address
suzanne.mcdonald@imb.ie

One of the biggest advantages of a nationwide technology solution is to enable rapid communication between health stakeholders. It is currently very difficult to contact the correct individuals or logical groupings quickly. Thank you.

 14/11/2013 12:45:39

Your Name
Sarah Craig

Organisation
HRB

Email Address
scraig@hrb.ie

Not answered

 14/11/2013 10:57:24

Your Name
Mai Mannix

Organisation
Not answered

Email Address
mai.mannix@hse.ie

We need a revolution in ICT in HSE to bring us up to speed. Really need to include clinicians in the design of the systems. We also need unique identifier straight away. Data protection need to be won around on this. The current situation is completely crazy
PS some of this questionnaire tricky for non ICT people like myself - was it piloted? Many thanks good to see some movement anyway

 13/11/2013 22:42:04

Your Name
Not answered

Organisation
Not answered

Email Address
Not answered

Delighted to see progress in Standards and national Information Architecture.

 13/11/2013 20:03:35

Your Name
Not answered

Organisation
Not answered

Email Address
Not answered

This survey is a good example of what can happen when data integrity is not designed in from the begining. Systems must be constructd to make sure quality data input. Many time in this survey you can enter contradictory information. This is just like the ICT systems we use. It was clever for you to think of doing this in this survey.

 13/11/2013 13:05:17

Your Name
Dr Noel McCaffrey

Organisation
DCU

Email Address
noel.mccaffrey@dcu.ie

Not answered

 13/11/2013 11:29:58

Your Name
Pamela Hussey

Organisation
DCU HISINM

Email Address
pamela.hussey@dcu.ie

A IHTSDO national license and institution to manage data is I believe a priority for 2014

 12/11/2013 16:04:14

Your Name
Lesley Smith

Organisation
HSE

Email Address
lesley.smith@live.ie

I am the project manager for the planned HSE National Immunisation and Childhealth Information System and the system administrator for the current National HPV Immunisation System. I am also responsible for all the local immunisation systems in use in the HSE and for the interfaces with them to the Primary Care Reimbursement Services (PCRS). A lot of these system require integration with birth information, birth registrations, schools, department of education, practice management systems to name but a few. If further workshops are taking place I would appreciate being informed and invited.



12/11/2013 13:48:27

Your Name

Tessa Greally

Organisation

HSE - Health and Well Being Division

Email Address

tessa.greally@hse.ie

A workshop on the requirement to integrate Child Health Information Systems in the HSE and linked partner organisations was held on February 18 2013. The proceedings and recommendations are available