

BORN Information System (BIS) Enhancements for April 6, 2015:

PICK-LIST CHANGES & RETIRED DATA ELEMENTS

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Maternal Encounters

Data Element Name [Encounters]	April 2015 Changes	
Maternal Health Conditions, Please Specify [AS, AG, L, BM]	<p>Added data element to AS and AG encounters</p> <p>Added Validation: If “Other, specify’ is chosen from the pick-list in the Maternal Health Conditions data element, a ‘Please Specify’ open text field will become visible and is optional.</p>	
Intention to Breastfeed [AG, L, BM]	<p>New addition to pick-list:</p> <ul style="list-style-type: none"> • Mother Unsure <p>Pick-list values renamed:</p> <ul style="list-style-type: none"> • ‘Yes, intends to combination feed’ renamed: Yes, intends to combination feed (use breast milk and breast milk substitute) • ‘Unknown renamed’: Unknown, intent not collected 	<p>Final new pick-list:</p> <ul style="list-style-type: none"> • Yes, intends to exclusively breastfeed • Yes, intends to combination feed (use breast milk and breast milk substitute) • No, does not intend to breastfeed • Mother unsure • Unknown, intent not collected
Drug and Substance Exposure in Pregnancy [AS, AG, L, BM]	<p>Pick-list value renamed:</p> <ul style="list-style-type: none"> • Rename Other Opioids: Opioids 	<p>Final new pick-list:</p> <ul style="list-style-type: none"> • None • Cocaine • Gas/Glue • Hallucinogens • Marijuana • Opioids • Other

		<ul style="list-style-type: none"> Unknown
<p>Medication Exposure in Pregnancy</p> <p>[AS, AG, L,BM]</p>	<p>Pick-list values added:</p> <ul style="list-style-type: none"> Antibiotics Anticonvulsants Antihistamines Antiinflammatory Antiretroviral Anti-rheumatic Antiviral Cardiovascular Chemotherapeutic Agents Contraceptives Gastrointestinal Agents General anaesthetic Insulin Psychotropic Vitamin A & Congeners 	<p>Final new pick-list:</p> <ul style="list-style-type: none"> None Amphetamines Antibiotics Anticonvulsants Anti-emetics Antihistamines Antiinflammatory Antiretroviral Anti-rheumatic Antiviral Cardiovascular Chemotherapeutic Agents Contraceptives Gastrointestinal Agents General anaesthetic Herbal or homeopathic remedies Insulin Methadone/Subutex Opioids Other over the counter medications Other prescription Psychotropic Selective Serotonin Reuptake Inhibitors Thyroid Medication Vitamin A & Congeners Vitamins Other Unknown
<p>All Indications for Cesarean Section</p> <p>[BM]</p>	<p>New pick-list value:</p> <ul style="list-style-type: none"> Fetal Indication 	<p>Final new pick-list:</p> <p>Fetal</p> <ul style="list-style-type: none"> Anomaly Atypical or abnormal fetal surveillance Cord prolapse IUGR Macrosomia Malposition/ Malpresentation Fetal Indication <p>Maternal } Other } No changes to pick-list Unknown }</p>
<p>Primary Indication for Cesarean Section</p> <p>[BM]</p>	<p>New pick-list value:</p> <ul style="list-style-type: none"> Fetal Indication 	<p>Final new pick-list:</p> <p>*As above</p>

<p>Healthcare Provider Who Caught/Delivered Baby [BM]</p>	<p>New pick-list value:</p> <ul style="list-style-type: none"> Resident 	<p>Final new pick-list:</p> <ul style="list-style-type: none"> Family physician Registered midwife Obstetrician Resident Surgeon CNS/NP Registered Nurse Aboriginal midwife Midwifery student Other healthcare provider Unattended (None) Unknown
<p>Postpartum Breastfeeding Support [PPM]</p>	<p>New pick-list value:</p> <ul style="list-style-type: none"> Referred mother to breastfeeding clinic, community health or peer support <p>Rename pick-list values:</p> <ul style="list-style-type: none"> 'After initial BF, mother was assisted with BF within 6 hours post birth' renamed: Provided assistance with breastfeeding within six hours of delivery after initial feeding 'NA' renamed: Not applicable [includes stillbirth, adoption] <p>Final new pick-list:</p> <ul style="list-style-type: none"> Provided assistance with breastfeeding within six hours of delivery after initial feeding Consult with a lactation consultant Frequent skin-to-skin Hand expression/pumping Latch achieved prior to discharge Referred mother to breastfeeding clinic, community health or peer support Unknown Not applicable 	

Child Encounters

Data Element Name [Encounters]	April 2015 Changes	
<p>Neonatal Resuscitation (first 30 minutes of life only)</p> <p>[BC]</p>	<p>Rename pick-list value:</p> <ul style="list-style-type: none"> 'Narcan' renamed: Narcan/naloxone. 	
<p>Infant Early Attachment/Feeding Initiation</p> <p>[BC, PPC]</p>	<p>Rename pick-list values:</p> <ul style="list-style-type: none"> 'Uninterrupted skin-to-skin beginning immediately after birth and continuing for at least 2 hours' <i>renamed:</i> Skin to skin contact uninterrupted for at least 1 hour, within the first 2 hours post birth 'Periodic skin-to-skin within the first 2 hours' <i>renamed:</i> Skin to skin contact with interruptions, within the first 2 hours post birth 'No attempt' renamed: No Attempt at Breastfeeding or Skin to skin contact, within the first 2 hours post birth 	<p>Final new pick-list:</p> <ul style="list-style-type: none"> <i>Skin to skin contact uninterrupted for at least 1 hour, within the first 2 hours post birth</i> <i>Skin to skin contact with interruptions, within the first 2 hours post birth</i> Skin to skin with person other than birth mother Opportunity to latch in first hour Opportunity to latch in the second hour Latch achieved <i>No Attempt at Breastfeeding or Skin to skin contact, within the first 2 hours post birth</i> Transfer to NICU/SCN Unknown
<p>Highest Serum Bilirubin >340 mmol/L</p> <p>[PPC]</p>	<p>Rename data element to: Highest Serum Bilirubin >340 mmol/L Pre-April 2015 name: Highest Serum Bilirubin >340</p>	
<p>Highest Serum Bilirubin >425 mmol/L</p> <p>[PPC]</p>	<p>Rename data element to: Highest Serum Bilirubin >425 mmol/L Pre-April 2015 name: Highest Serum Bilirubin >425</p>	
<p>Date of Newborn Screen Collection</p> <p>[PPC]</p>	<p>Remove data element. </p>	
<p>Time of Newborn Screen Collection</p> <p>[PPC]</p>	<p>Remove data element. </p>	



Data Element Name [Encounters]	April 2015 Changes	
<p>Newborn Feeding from Birth to Discharge from Hospital or Birth Centre</p> <p>[PPC]</p>	<p>Rename Data Element to: 'Newborn Feeding From Birth to Discharge from Hospital or Birth Centre' Pre-April 2015 name: Newborn Feeding from Birth to Discharge</p> <p>Rename pick-list values:</p> <ul style="list-style-type: none"> • 'Combination' renamed: Combination of breast milk and breast milk substitute • 'Formula only' renamed: Breast milk substitute - Formula only • 'Other' renamed: Breast milk substitute – Other • 'NA' renamed: None <p>Final new pick-list:</p> <ul style="list-style-type: none"> • Breast milk only • Combination of breast milk and breast milk substitute • Breast milk substitute - Formula only • Breast milk substitute - Other • None • Unknown 	
<p>Reason for Breastmilk Substitute</p> <p>[PPC]</p>	<p>Rename pick-list values:</p> <ul style="list-style-type: none"> • 'Infant Medical Other' renamed: Infant Medical Other clinical indications • 'Maternal Medical-Active herpes' renamed: Maternal Medical Active herpes on breast • 'Parental consent not obtained' renamed: Parental Consent not documented 	<p>Final new pick-list:</p> <ul style="list-style-type: none"> • Infant Medical Hypoglycemia • Infant Medical Inborn Errors of Metabolism • Infant Significant weight loss in the presence of clinical indications • Infant Medical Other clinical indications • Maternal Medical Additional Health Concerns • Maternal Medical Contraindicated maternal medication • Maternal Medical HIV infection • Maternal Medical Severe maternal illness • Maternal Medical Active herpes on breast • Informed Parent Decision to use Any Breast Milk Substitute • Parental Consent not documented • Birth mother not involved in care • Unknown

Data Element Name [Encounters]	April 2015 Changes	
<p>Newborn Discharged or Transferred To [PPC]</p>	<p>New pick-list value:</p> <ul style="list-style-type: none"> • Other unit, same hospital 	<p>Final new pick-list:</p> <ul style="list-style-type: none"> • Home • Transfer to NICU/SCN, other hospital • Transfer to NICU/SCN, same hospital • Transfer to Paediatric unit, same hospital • <i>Transfer to other unit, same hospital</i> • Transfer to other hospital • Child and Family Services Apprehension

NICU (Level 3)/SCN (Level 2) Encounter

Data Element Name [Encounters]	April 2015 Changes	
<p>Neonatal Resuscitation (first 30 minutes of life only) (Health Status) [NICU]</p>	<p>Rename pick-list value:</p> <ul style="list-style-type: none"> • 'Narcan' renamed: Narcan/naloxone. 	
<p>Neonatal Health Conditions (Health Status) [NICU]</p>	<p>Rename pick-lists:</p> <ul style="list-style-type: none"> • 'CNS IVH grade 1' renamed: CNS IVH Blood in germinal matrix (grade 1) • 'CNS IVH grade 2' renamed: CNS IVH Blood in ventricles (grade 2) • 'CNS IVH grade 3' renamed: CNS IVH Ventricular enlargement (grade 3) • 'CNS IVH grade 4' renamed: CNS IVH Intraparenchymal lesion (grade 4) • 'PDA ligation' renamed: PDA treated with ligation <p>Final new CNS pick-list:</p> <ul style="list-style-type: none"> • <i>CNS IVH Blood in germinal matrix (grade 1)</i> • <i>CNS IVH Blood in ventricles (grade 2)</i> • <i>CNS IVH Ventricular enlargement (grade 3)</i> • <i>CNS IVH Intraparenchymal lesion (grade 4)</i> • CNS PVL periventricular leukomalacia <p>Final new Patent Ductus Arteriosus (PDA) pick-list:</p> <ul style="list-style-type: none"> • PDA Present not treated • PDA treated pharmacologically • <i>PDA treated with ligation</i> 	

Data Element Name [Encounters]	April 2015 Changes			
<p>Neonatal Therapies/Interventions (Interventions) [NICU]</p>	<p>New pick-list values:</p> <ul style="list-style-type: none"> Pharmacological Support in Hospital Morphine for NAS Other Interventions in Hospital Intubation <p>Final new pick-list 'Other Interventions in Hospital':</p> <ul style="list-style-type: none"> Phototherapy Exchange Transfusions Therapeutic Hypothermia Intubation 	<p>Final pick-list for 'Pharmacological Support in Hospital':</p> <ul style="list-style-type: none"> Methylxanthines Antibiotics for GBS Antibiotics-Other Surfactant Corticosteroids Inotropes Paralytic Agents Anticonvulsants Morphine for NAS 		
<p>Neonatal Pain Management (Interventions) [NICU]</p>	<p>New pick-list value:</p> <ul style="list-style-type: none"> Sucrose 	<p>Final new pick-list:</p> <ul style="list-style-type: none"> None Opioid analgesic use Morphine Opioid analgesic use Fentanyl Oral analgesics including acetaminophen Sedative use Midazolam Sedative use Chloral Hydrate Sedative use Ketamine Sedative use Benzodiazepines Sedative use Other Sucrose Unknown 		
<p>Feeding Methods in Hospital (Interventions) [NICU]</p>	<p>Remove pick-list:</p> <ul style="list-style-type: none"> Enteral <p>Convert previous Enteral values to:</p> <ul style="list-style-type: none"> Gavage Tube 	<p>Final new pick-list:</p> <table border="0"> <tr> <td> <ul style="list-style-type: none"> None Breast Bottle Supplementation Device on Breast Supplementation Device not on Breast i.e., finger feed, cup, other NPO </td> <td> <ul style="list-style-type: none"> Gavage tube Supplementary feeding systems Gastrostomy tube Mucus Fistula Re-feed Other Not Applicable Unknown </td> </tr> </table>	<ul style="list-style-type: none"> None Breast Bottle Supplementation Device on Breast Supplementation Device not on Breast i.e., finger feed, cup, other NPO 	<ul style="list-style-type: none"> Gavage tube Supplementary feeding systems Gastrostomy tube Mucus Fistula Re-feed Other Not Applicable Unknown
<ul style="list-style-type: none"> None Breast Bottle Supplementation Device on Breast Supplementation Device not on Breast i.e., finger feed, cup, other NPO 	<ul style="list-style-type: none"> Gavage tube Supplementary feeding systems Gastrostomy tube Mucus Fistula Re-feed Other Not Applicable Unknown 			
<p>Reason for Breast Milk Substitute in Hospital (Interventions) [NICU]</p>	<p>Rename pick-list values:</p> <ul style="list-style-type: none"> 'Infant Medical Other' renamed: Infant Medical Other clinical indications 'Maternal Medical Active herpes' renamed: Maternal Medical Active herpes on breast 'Parental consent not obtained' renamed: Parental Consent not documented 			

Data Element Name [Encounters]	April 2015 Changes	
Reason for Breast Milk Substitute in Hospital (Interventions) cont'd [NICU]	<p>Final new pick-list:</p> <ul style="list-style-type: none"> • Infant Medical Hypoglycemia • Infant Medical Inborn Errors of Metabolism • Infant Medical Pre-term (<32 weeks) • Infant Medical Very low birth weight (<1500 gms) • Infant Significant weight loss in the presence of clinical indications • Infant Medical Other clinical indications • Maternal Medical Active herpes on breast • Maternal Medical Additional Health Concerns • Maternal Medical Contraindicated maternal medication • Maternal Medical HIV infection • Maternal Medical Severe maternal illness • Birth mother not involved in care • Informed Parent Decision to use Any Breast Milk Substitute • Parental Consent not documented • Unknown 	
Highest Serum Bilirubin >340 mmol/L [NICU]	<p>Rename data element to: Highest Serum Bilirubin >340 mmol/L Pre-April 2015 name: Highest Serum Bilirubin >340</p>	
Highest Serum Bilirubin >425 mmol/L [NICU]	<p>Rename data element to: Highest Serum Bilirubin >425 mmol/L Pre-April 2015 name: Highest Serum Bilirubin >425</p>	
Date of Newborn Screen Collection [NICU]	<p>Remove data element. </p>	
Time of Newborn Screen Collection [NICU]	<p>Remove data element. </p>	
Feeding Methods (on day of discharge) [NICU]	<p>Remove pick-list:</p> <ul style="list-style-type: none"> • Enteral <p>Convert previous Enteral values to:</p> <ul style="list-style-type: none"> • Gavage tube 	<p>Final new pick-list:</p> <ul style="list-style-type: none"> • None • Breast • Bottle • Supplementation Device on Breast • Supplementation Device not on Breast i.e., finger feed, cup, other • NPO • Gavage tube • Supplementary feeding systems • Gastrostomy tube • Mucus Fistula Re-feed • Other • Not Applicable • Unknown

Data Element Name [Encounters]	April 2015 Changes
<p>Reason for Breast Milk Substitute (on day of discharge) (Discharge/Outcome) [NICU]</p>	<p>Rename pick-list values:</p> <ul style="list-style-type: none"> • 'Infant Medical Other' renamed: Infant Medical Other clinical indications • 'Maternal Medical Active herpes' renamed: Maternal Medical Active herpes on breast • 'Parental consent not obtained' renamed: Parental Consent not documented <p>Final new pick-list:</p> <ul style="list-style-type: none"> • Infant Medical Hypoglycemia • Infant Medical Inborn Errors of Metabolism • Infant Medical Pre-term (<32 weeks) • Infant Medical Very low birth weight (<1500 gms) • Infant Significant weight loss in the presence of clinical indications • Infant Medical Other clinical indications • Maternal Medical Active herpes on breast • Maternal Medical Additional Health Concerns • Maternal Medical Contraindicated maternal medication • Maternal Medical HIV infection • Maternal Medical Severe maternal illness • Birth mother not involved in care • Informed Parent Decision to use Any Breast Milk Substitute • Parental Consent not documented • Unknown