

**FINAL CORE (MINIMUM) DATA SET
AIRS NATIONAL DATABASE – DECEMBER 2006**

Block ID in AIRS	Field ID	Item Description	Length of field	Type	Core data set	Items in AIRS Data Standard
Block A	A1	Authority identification	3	Numeric	✓	✓
	A2	Authority type	1	Numeric		✓
	A3	Brigade identification	5	Numeric	✓	✓
	A4	Incident number	8	Alpha/ Numeric	✓	✓
	A5	Exposure number	1	Numeric	✓	✓
	A6	Alarm date	10	Date	✓	✓
	A7	Day of week	1	Numeric		✓
	A8	Alarm time	6	Numeric	✓	✓
	A9	Method of notification	2	Numeric	✓	✓
	A10	Agency/persons raising alarm	2	Numeric		✓
	A11	Jurisdiction of origin	1	Numeric	✓	✓
	A12	Statistical local area	5	Numeric	✓	✓
	A13	Map Grid Reference	11	Alpha numeric		✓
	A14	Occupants name	20	Alpha		✓
	A15	Property number	As required	Alpha/ numeric		✓
	A16	Street	As required	Alpha		✓
	A17	Town/suburb	As required	Alpha		✓
	A18	Post code	4	Numeric		✓
	A19	Complex	2	Numeric	✓	✓
	A20	Type of property use	3	Numeric	✓	✓
	A21	Type of owner	3	Numeric	✓	✓
	A22	Type of occupant	3	Numeric	✓	✓
	A23	Type of incident	3	Numeric	✓	✓
	A24	Type of action taken	2	Numeric	✓	✓
	A25	Control or stop date	10	Date	✓	✓
	A26	Control or stop time	6	Numeric	✓	✓
	A27	Duties completed date	10	Date	✓	✓
	A28	Duties completed time	6	Numeric	✓	✓
	A29	Peak number of fire service personnel at scene	3	Numeric	✓	✓
	A30	Peak number of pumpers used	3	Numeric		✓
	A31	Peak number of aerials used	3	Numeric		✓
	A32	Peak number of specialised vehicles used	3	Numeric		✓
	A32i	Number of pumper tanker/slipson (3000 L plus) used	3	Numeric		✓
A32ii	Number of pumper tanker/slipson (1000 - 3000 L plus) used	3	Numeric		✓	
A32iii	Number of pumper tanker/slipson (less than 1000 L plus) used	3	Numeric		✓	
A32iv	Number of mobile canteens or kitchens used	3	Numeric		✓	
A32v	Number of all terrain vehicles used	3	Numeric		✓	
A33	Peak number of aircraft used	3	Numeric		✓	

Block ID in AIRS	Field ID	Item Description	Length of field	Type	Proposed for inclusion to core data set	Items in AIRS Data Standard
	A33i	Number of fixed wing aircraft used for observation	3	Numeric		✓
	A33ii	Number of fixed wing aircraft used for transport	3	Numeric		✓
	A33iii	Number of fixed wing aircraft used for firebombing	3	Numeric		✓
	A33iv	Number of fixed wing aircraft used for aerial ignition	3	Numeric		✓
	A33v	Number of helicopters used for observation	3	Numeric		✓
	A33vi	Number of helicopters used for transport	3	Numeric		✓
	A33vii	Number of helicopters used for fire bombing	3	Numeric		✓
	A33viii	Number of helicopters used for aerial ignition	3	Numeric		✓
	A34	Number of other appliances and vehicles dispatched	3	Numeric		✓
	A34i	Number of earth moving equipment used	3	Numeric		✓
	A34ii	Number of lifting equipment used	3	Numeric		✓
	A34iii	Number of tanker vehicles not owned by the Authority	3	Numeric		✓
	A34iv	Number of vehicles responded to scene owned/occupied by firefighters	3	Numeric		✓
	A35	Mutual aid	1	Numeric	✓	✓
	A36	Weather	1	Numeric		✓
	A37	Delayed arrival	2	Numeric		✓
	A38	Platoon/ Shift on duty	1	Alpha/numeric		✓
	A39	Self contained breathing apparatus used	2	Numeric		✓
	A40	Oxygen (closed circuit) breathing apparatus used	2	Numeric		✓
	A41	Additional cylinders used	3	Numeric		✓
	A42	Problems encountered	2	Numeric		✓
	A43	Responding brigade/appliance/unit Identifier	5	Numeric		✓
	A44	Appliance type	2	Numeric		✓
	A45	Appliance identification (registration number)	10	Alpha/Numeric		✓
	A46	Staff	2	Numeric		✓
	A47	Dispatch date	10	Date		✓
	A48	Dispatch time	6	Numeric		✓
	A49	Mobile date	10	Date		✓
	A50	Mobile time	6	Numeric		✓
	A51	Arrival date	10	Date		✓
	A52	Arrival time	6	Numeric		✓
	A53	Return to service date	10	Date		✓
	A54	Return to service time	6	Numeric		✓
	A55	Kilometres	3	Numeric		✓
	A56	Electricity	1	Numeric		✓
	A57	Gas	1	Numeric		✓

Block ID in AIRS	Field ID	Item Description	Length of field	Type	Proposed for inclusion to core data set	Items in AIRS Data Standard
	A58	Water	1	Numeric		✓
	A59	Police	1	Numeric		✓
	A60	Ambulance	1	Numeric		✓
	A61	State Emergency Service	1	Numeric		✓
	A62	Other Fire Service	1	Numeric		✓
	A63	Environmental Protection Agency	1	Numeric		✓
	A64	Volunteer Rescue Service	1	Numeric		✓
	A65	Charitable support agencies	1	Numeric		✓
	A66	Government welfare agencies	1	Numeric		✓
	A67	Other	25	Alpha		✓
	A68	Number of firefighters at station	3	Numeric		✓
	A69	Fire name	25	Alpha		✓
BLOCK B	B1	Automatic fire alarm number	8	Alpha/numeric		✓
	B2	Fire indicator panel circuit number	3	Alpha/numeric		✓
	B3	Location of detector initiating alarm	2	Numeric	✓	✓
	B4	Level of detector initiating alarm	3	Alpha/numeric	✓	✓
	B5	Type of detector initiating alarm	2	Numeric	✓	✓
BLOCK C	C1	Type of hazardous material incident	2	Numeric	✓	✓
	C2	UN number	4	Numeric	✓	✓
	C3	Chemical name	40	Alpha/numeric	✓	✓
	C4	Trade name of chemical	40	Alpha/numeric	✓	✓
	C5	State of substance	1	Numeric	✓	✓
	C6	Quantity present	7	Numeric	✓	✓
	C7	Quantity released	7	Numeric	✓	✓
	C8	Container	2	Numeric	✓	✓
	C9	Origin of release	1	Numeric	✓	✓
	C10	Cause of HazMat incident	2	Numeric	✓	✓
	C11	Primary hazard	2	Numeric	✓	✓
	C12	Secondary hazard	2	Numeric		✓
	C13	Action taken	2	Numeric	✓	✓
	C14	Personnel decontamination	1	Numeric	✓	✓
	C15	Primary respiratory protection	1	Numeric	✓	✓
	C16	Protective clothing	1	Numeric	✓	✓
	C17	Specialist equipment used	1	Numeric	✓	✓
	C18	Wind force	1	Numeric		✓
	C19	Wind direction	1	Numeric		✓
	C20	Temperature	3	Numeric		✓

Block ID in AIRS	Field ID	Item Description	Length of field	Type	Proposed for inclusion to core data set	Items in AIRS Data Standard
	C21	Terrain	1	Numeric		√
	C22	Population Density	2	Numeric		√
	C23	Pollution/contamination	2	Numeric		√
	C24	Transporter name	40	Alpha/numeric		√
BLOCK D	D1	Number of brigade personnel injured	3	Numeric	√	√
	D2	Number of other persons injured	3	Numeric	√	√
	D3	Number of brigade personnel fatalities	3	Numeric	√	√
	D4	Number of other fatalities	3	Numeric	√	√
	D5	Number of persons rescued by the Reporting Authority	3	Numeric	√	√
	D7	Rescue type	1	Numeric		√
	D8	Number of persons evacuated	4	Numeric	√	√
	D9	Date evacuation completed	10	Date		√
	D10	Time evacuation completed	6	Numeric		√
	D11	Evacuation problems	1	Numeric		√
	D12	Date evacuation commenced	10	Date		√
	D13	Time evacuation commenced	6	Numeric		√
	D14	Authority effecting evacuation	2	Numeric		√
BLOCK E	E1	Area of fire origin	2	Numeric	√	√
	E2	Occupant of ignition area	2	Numeric		√
	E3	Activity in ignition area	2	Numeric		√
	E4	Form of heat of ignition	3	Numeric	√	√
	E5	Ignition factor	3	Numeric	√	√
	E6	Type of material ignited first	2	Numeric	√	√
	E7	Form of material ignited first	2	Numeric	√	√
	E8	Equipment involved in ignition	3	Numeric	√	√
	E9	Year of manufacture	2	Numeric		√
	E10	Make	20	Alpha/numeric		√
	E11	Model	20	Alpha/numeric		√
	E12	Serial number	20	Alpha/numeric		√
	E13	Voltage	6	Alpha/numeric		√
BLOCK F	F1	Major fire fighting force	2	Numeric	√	√
	F2	Initial attack	2	Numeric	√	√
	F3	Method of initial attack force by Reporting Authority	2	Numeric	√	√
	F4	Method of initial attack - Other persons	2	Numeric	√	√

Block ID in AIRS	Field ID	Item Description	Length of field	Type	Proposed for inclusion to core data set	Items in AIRS Data Standard
	F5	Major method of extinguishment	2	Numeric	✓	✓
	F6	Major extinguishing medium	2	Numeric	✓	✓
	F7	Number of portable extinguishers used	3	Numeric		✓
	F8	Number of portable pumps used	3	Numeric		✓
	F9	Number of hose reels used	3	Numeric		✓
	F10	Number of 35-59 mm delivery lines used	3	Numeric		✓
	F11	Number of 60-70 mm delivery lines used	3	Numeric		✓
	F12	Number of monitors used	3	Numeric		✓
	F13	Amount of foam concentrate used	6	Numeric		✓
	F14	Amount of dry chemical used	6	Numeric		✓
	F15	Water supply	1	Numeric		✓
	F16	Water supply method	1	Numeric		✓
BLOCK G	G1	Date started	10	Date		✓
	G2	Time started	4	Numeric		✓
	G3	Area burnt	7	Numeric	✓	✓
	G4	Fire Restrictions	1	Numeric		✓
	G5	Fire Danger Rating	1	Numeric		✓
	G6	Permit	1	Numeric		✓
	G7	Vegetation type	1	Numeric	✓	✓
	G8	Area burnt by vegetation type	7	Numeric		✓
	G9	Area burnt by land tenure	7	Numeric		✓
	G10	Rural property losses	7	Numeric		✓
	G10i	Number of houses destroyed or damaged	7	Numeric		✓
	G10ii	Number of other buildings destroyed or damaged	7	Numeric		✓
	G10iii	Number of vehicles destroyed or damaged	7	Numeric		✓
	G10iv	Number of kilometres of fence lines destroyed or damaged	7	Numeric		✓
	G10v	Number of tonnes of fodder or hay lost	7	Numeric		✓
	G10vi	Number of sheep lost	7	Numeric		✓
	G10vii	Number of cattle lost	7	Numeric		✓
	G10viii	Number of horses lost	7	Numeric		✓
	G10ix	Number of other livestock lost	7	Numeric		✓
	G11	Fire prevention	2	Numeric		✓
BLOCK H	H1	Estimated dollar loss	14	Numeric	✓	✓
	H2	Estimated value of properties	14	Numeric		✓
	H3	Estimated value of contents	14	Numeric		✓
	H5	Insurance	1	Numeric		✓
	H6	Total number of mobile properties involved in fire	3	Numeric		✓
	H7	Total number of structures involved in fire	3	Numeric		✓
	H8	Property owner's name	20	Alpha		✓
	H9	Owner's address number	4	Alpha/ Numeric		✓

Block ID in AIRS	Field ID	Item Description	Length of field	Type	Proposed for inclusion to core data set	Items in AIRS Data Standard
	H10	Owner's street	20	Apha		√
	H11	Owner's town/suburb or local area	20	Alpha		√
BLOCK J	J1	Mobile property type	2	Numeric	√	√
	J2	Year	2	Numeric		√
	J3	Make	10	Alpha/numeric		√
	J4	Model	10	Alpha/numeric		√
	J5	Body number	10	Alpha/numeric		√
	J6	Registration number	10	Alpha/numeric		√
	J7	State of registration	1	Numeric		√
BLOCK K	K1	Structure type	1	Numeric	√	√
	K2	Construction type	2	Numeric	√	√
	K3	Building dimensions	7	Numeric	√	√
	K4	Number of levels	2	Numeric	√	√
	K5	Wall linings	1	Numeric	√	√
	K6	Ceiling linings	1	Numeric	√	√
	K7	Level of fire origin	3	Alpha/numeric	√	√
	K8	Type of material ignited second	2	Numeric	√	√
	K9	Type of material ignited third	2	Numeric	√	√
	K10	Type of material ignited fourth	2	Numeric	√	√
	K11	Form of material ignited second	2	Numeric	√	√
	K12	Form of material ignited third	2	Numeric	√	√
	K13	Form of material ignited fourth	2	Numeric	√	√
	K14	Type of material contributing most to fire intensity	2	Numeric	√	√
	K15	Type of material generating most smoke	2	Numeric	√	√
	K16	Form of material contributing most to fire intensity	2	Numeric	√	√
	K17	Form of material generating most smoke	2	Numeric	√	√
	K18	Factor contributing to flame spread	2	Numeric	√	√
	K19	Avenue of smoke travel	1	Numeric	√	√
	K20	Extent of flame damage	1	Numeric	√	√
K21	Extent of smoke and heat damage	1	Numeric	√	√	
K22	Extent of extinguishing medium damage	1	Numeric	√	√	
K23	Volume of fire damage in cubic metres	6	Numeric	√	√	
K24	Smoke alarm/detector performance			√	√	
K24i	Presence of smoke alarm/detector	1	Numeric	√	√	
K24ii	Alarm/detector power supply	1	Numeric	√	√	
K24iii	Operation of smoke alarm/detector	1	Numeric	√	√	

K24iv	Effectiveness of smoke alarm/detector	1	Numeric	✓	✓
K24v	Reason for smoke alarm/detector failure	1	Numeric	✓	✓
K25	Sprinkler performance	2	Numeric	✓	✓
K26	Factors degrading sprinkler effectiveness	1	Numeric	✓	✓
K27	Number of heads operated	2	Numeric	✓	✓
K28	Air handling system performance	2	Numeric	✓	✓
K29	Extinguishers installed	1	Numeric	✓	✓
K30	Number of extinguishers used by non-fire personnel	2	Numeric		✓
K31	Hose reels installed	1	Numeric		✓
K32	Number of hose reels used by non-fire personnel	2	Numeric		✓
K33	Hydrants installed	1	Numeric	✓	✓
K34	Number of hydrants used by non-fire personnel	2	Numeric		✓
K35	Estimated percentage of property involved on arrival	3	Numeric		✓
K36	Estimated percentage of property saved due to fire fighting operations	3	Numeric		✓
K37	Building Codes of Australia identifier	2	Numeric		✓
K38	Attack time	6	Numeric		✓
K39	Fire area at attack time	7	Numeric		✓
K40	Extinguishment time	6	Numeric		✓
K41	Compartment size	8	Numeric		✓

Identification of core data set undertaken by AFAC SIMSG - 2005