

7. REFERENCES

REFERENCES

- Aronson, S.S. (1988). Safe, fun playgrounds. *Child Care Information Exchange*, (61), 35-40.
- ASTM F08.52 Task Group. (1989). *Round robin final report*.
- ASTM F15.29 Task Group, Subcommittee on Continuum of Skills. (1989). *Playground equipment for public use: Continuum of skills and size differences of children age two to twelve*.
- Ball, D. (1988, August). How safe are safety surfaces? *The Leisure Manager*, pp. 2-3.
- Bandura, A. (1977). *Social learning theory*. Englewood Cliffs, NJ: Prentice-Hall.
- Beckwith, J. (1985). Equipment selection criteria for modern playgrounds. In J.L. Frost & S. Sunderlin (Eds.), *When children play* (pp. 209-214). Wheaton, MD: Association for Childhood Education International.
- Beckwith, J. (1988). Playground equipment: A designer's perspective. In L.D. Bruya (Ed.), *Play spaces for children: A new beginning* (pp. 49-102). Reston, VA: American Alliance for Health, Physical Education, Recreation, and Dance.
- Berlyne, D.E. (1960). *Conflict, arousal, and curiosity*. New York: McGraw-Hill.
- Blenk, H. (1987). Playground injuries: Prevention using foresight and application of the Australian standards. *Australian Parks & Recreation*, 23(2), 14-17.
- Bowers, L. (1988a). Playground design: A scientific approach. In L.D. Bruya (Ed.), *Play spaces for children: A new beginning* (pp. 29-48). Reston, VA: American Alliance for Health, Physical Education, Recreation, and Dance.
- Bowers, L.E. (1988b). Children need playgrounds--but playgrounds need help. *Journal of Physical Education, Recreation, and Dance*, 59(7), 47-51.
- Brown, V. R. (1978). *Human factors analysis of injuries associated with public playground equipment*. Washington, DC: U.S. Consumer Product Safety Commission.
- Bruya, L.D. & Langendorfer, S.J. (Eds.). (1988). *Where our children play: Elementary school playground equipment*. Reston, VA: American Alliance for Health, Physical Education, Recreation, and Dance.
- Burke, W.J. (1980, March). Planning safer playgrounds. *American School & University*, p. 42.
- Burke, W.J. (1987). Designing safer playgrounds. *Parks & Recreation*, 20(9), 38-43, 73.

- Butwinick, E. (1980). *Comments on NBS suggested safety guidelines and supporting rationale for public playground equipment.*
- Christiansen, M.L. (1988). *Playground safety inspection checklist.* Alexandria, VA: National Recreation and Parks Association, Institute on Liability and Risk Management in Recreation and Parks.
- Collantes, M. (1989, draft). *Playground surfaces and head injury.* Washington, DC: U.S. Consumer Product Safety Commission.
- Coln, D. (1985). Pediatric trauma. *Association of Operating Room Nurses Journal*, 42(3), 338-342.
- Committee on Trauma Research, Commission on Life Sciences, National Research Center and the Institute of Medicine. (1985). Injury biomechanics research and the prevention of impact injury. In *Injury in America* (pp. 48-64). Washington DC: National Academy Press.
- Corrado, P. (1978). Designing playgrounds for multifamily dwellings. *Parks & Recreation*, 14(2), 43-45, 56.
- Davis, J.H. (1980). *Comments on NBS suggested safety guidelines and supporting rationale for public playground equipment.*
- Deppa, S.W. (1989). *Procedures to evaluate openings in children's products for head entrapment hazards.* Washington, DC: U.S. Consumer Product Safety Commission.
- Erikson, E.H. (1953). *Childhood and society.* New York: Norton Company.
- Esbensen, S.B. (1987). *The early childhood playground: An outdoor classroom.* Ypsilanti, MI: High/Scope Press.
- Feldman, K.W. & Simms, R.J. (1980). Strangulation in childhood: Epidemiology and clinical course. *Pediatrics*, 65(6), 1079-1085.
- Frost, J.L. (1980). *Comments on NBS suggested safety guidelines and supporting rationale for public playground equipment.*
- Frost, J.L. (1986a). Children's playgrounds: Research and practice. In G. Fein & M. Rivkin (Eds.). *The Young child at play: Reviews of research, Volume 4* (pp. 195-211). Washington, DC: National Association for the Education of Young Children.
- Frost, J.L. (1986b). Planning and using children's playgrounds. In J.S. McKee (Ed.) *Play: Working partner of growth* (pp. 61-67). Wheaton, MD: Association for Childhood Education International.

- Frost, J.L. (1986c). History of playground safety in America. *Childrens' Environments Quarterly*, 2(4), 13-23.
- Frost, J.L. (1988). Childhood development and playgrounds. In L.D. Bruya (Ed.), *Play spaces for children: A new beginning* (pp. 3-28). Reston, VA: American Alliance for Health, Physical Education, Recreation, and Dance.
- Frost, J.L. (1989). *What is play*. Unpublished manuscript, University of Texas.
- Frost, J.L. & Campbell, S.D. (1978, August). *Play and equipment choices of conserving and preconserving children on conventional and creative playgrounds*. Paper presented at the Seventh World Congress of the International Playground Association, Ottawa, Canada.
- Frost, J.L. & Henninger, M.L. (1979, July). Making playgrounds safe for children and children safe for playgrounds. *Young Children*, pp. 23-30.
- Frost, J.L. & Wortham, S.C. (1988, July). The evolution of American playgrounds. *Young Children*, pp. 19-28.
- Geiger, E. (1988, Spring). Buying & building. *Washington Parent*, pp. 27-28.
- Gelman, R. (1978). Cognitive development. In M.R. Rosenzweig & L.W. Porter (Eds.), *Annual reviews of psychology, Vol. 20*. Palo Alto, CA: Annual Reviews.
- Gelman, R., Bullock, M., & Meck, E. (1980). Preschoolers' understanding of simple object transformations. *Child development*, 51, 691-699.
- Gilje, S. (1989, March 12). Even the best backyard swing set can become a deathtrap. *The Seattle Times/Post-Intelligencer*.
- Ginsburg, H. & Oppen, S. (1988). *Piaget's theory of intellectual development (3rd Ed.)*. Englewood Cliffs, NJ: Prentice-Hall.
- Goldberger, P. (1987, June). Great American playgrounds. *Child*, pp. 63-65, 122-123.
- Goldfarb, A. (1987). These doctors make house calls--to your playground! *Parks & Recreation*, 22(10), 44-46, 63.
- Goldsmith, W. & Ommaya, A.K. (1984). The biomechanics of impact trauma. In B. Aldman, A. Chapon, & G. Lanzara (Eds.), *Proceedings relating to the course given at the International Center for Transportation Studies (ICTS)* (pp. 149-161). Amsterdam: Elsevier Science Publishers B.V.
- Harter, S. (1983). Developmental perspectives on the self system. In P.H. Mussen (Series Ed.) & E. M. Hetherington (Volume Ed.), *Handbook of child psychology: Vol. IV Socialization and social development* (pp. 275-386). New York: Wiley.

- Hartup, W.W. (1983). Peer relations. In P.H. Mussen (Series Ed.) & E. M. Hetherington (Volume Ed.), *Handbook of child psychology: Vol. IV Socialization and social development* (pp. 103-196). New York: Wiley.
- Helsing, K.M., Rodgers, C.G., & Mirabassi, J. (1988, November 16). *A study of the environmental hazards and associated injuries at Massachusetts playgrounds*. Paper presented at the American Public Health Association Meeting, Massachusetts.
- Henninger, M., Strickland, E., & Frost, J.L. (1982). X-rated playgrounds: Issues and developments. *Journal of Physical Education, Recreation, and Dance*, 53(6), 72-77.
- Higgins, A.T. & Turnure, J.E. (1984). Distractibility and concentration of attention in children's development. *Child Development*, 55, 1799-1810.
- Hodgson, V. R. (no date). *Impact attenuation of wood fiber playground surface*. Detroit, MI: Wayne State University.
- Hodgson, V. R., Thomas, L.M., & Prasad, P. (1970). Testing the validity of the Severity Index. *Proceedings of the 14th Stapp Car Crash Conference, S.A.E.*
- Hogan, P. (1988). *The Playground Safety Checker*. Phoenixville, PA: Playground Press.
- Ivan, L.P., Choo, S.H., & Ventureyra, E.C.G. (1983). Head injuries in childhood: A 2-year survey. *Canadian Medical Association Journal*, 128, 281-284.
- Jain, B.K. (1990). Report on leaching, distribution and dislodgeable arsenic and copper from pressure-treated and untreated wood. Washington, DC: U.S. Consumer Product Safety Commission.
- Kane, J.J. (1989, February 23). Family hopes others will learn from tragedy. *Fullerton (California) News Tribune*.
- King, K. & Ball, D. (1989). *A holistic approach to accident and injury prevention in children's playgrounds*. Great Britain: LLS.
- Kopp, C. (1982). The antecedents of self-regulation: A developmental perspective. *Developmental Psychology*, 18, 199-214.
- Kraus, J.F., Fife, D., Cox, P., Ramstein, K., & Conroy, C. (1986). Incidence, severity, and external causes of pediatric brain injury. *American Journal of Diseases in Children*, 140, 687-693.
- Langley, J.D., Silva, P.A., & Williams, S.M. (1981). Primary school accidents. *New Zealand Medical Journal*, 94, 336-339.
- Langley, J. & Crosado, B. (1982). School health: School playground climbing equipment--safe or unsafe? *New Zealand Medical Journal*, 95, 540-542.

- Langley, J. & Crosado, B. (1984). Child health: Two safety aspects of public playground climbing equipment. *New Zealand Medical Journal*, 97, 404-406.
- Lay-Dopyera, M. & Dopyera, J. (1987). *Becoming a teacher of young children (3rd Ed.)*. New York: Random House, Inc.
- Lee, B.C. (1990a). Summary of skin cancer risk estimation from dislodgeable arsenic on pressure treated wood. Washington, DC: U.S. Consumer Product Safety Commission.
- Lee, B.C. (1990b). Estimation of hand-to-mouth activity by children based on soil ingestion for dislodgeable arsenic exposure assessment. Washington, DC: U.S. Consumer Product Safety Commission.
- Lee, B.C. (1990c). Estimating the risk of skin cancer from ingested inorganic arsenic. Washington, DC: U.S. Consumer Product Safety Commission.
- Lee, B.C. (1990d). Dislodgeable arsenic on playground equipment wood and the estimated risk of skin cancer. Washington, DC: U.S. Consumer Product Safety Commission.
- Lovell, P. & Harms, T. (1985, March). How can playgrounds be improved? A rating scale. *Young Children*, pp. 3-8.
- Maki, B.E., Bartlett, S., & Fernie, G.R. (1983). Influence of handrail height on the generation of stabilizing forces and moments. In Pope, E.T., & Haugh, L.D. (Eds.), *Proceedings of the Human Factors Society, 27th annual meeting* (pp. 616-617). Santa Monica, CA: The Human Factors Society, Inc.
- Maki, B.E., Bartlett, S.A., & Fernie, G.R. (1984). Influence of stairway handrail height on the ability to generate stabilizing forces and moments. *Human Factors*, 26(6), 705-714.
- Maki, B.E., Bartlett, S.A., & Fernie, G.R. (1985). Effect of stairway pitch on optimal handrail height. *Human Factors*, 27(3), 355-359.
- Makolin, J. & Denham, S.A. (1976). *Curriculum and assessment guide, ages 0-6 years: Project PREP*. Westminster, MD: Carroll County Board of Education.
- Mallo, J. (1988, June 30). Playgrounds: Playing it safe. Tracy, California Press.
- Mayer, T.A. & Walker, M.L. (1985). Pediatric head injury: The critical role of the emergency physician. *Annals of Emergency Medicine*, 14(12), 1178-1184.
- McElhaney, J.H., Stalnaker, R.L., & Robert, V.L. (1973). Biomechanical aspects of head injury. In King, W. F. & Mertz, H.J. (Eds.), *Human impact response* (pp 85-110). New York: Plenum Press.

- Miles, R., Rutherford, G., & Coonley, R. (1983). *Special report--structural entrapment hazards to infants and children*. Washington, DC: U.S. Consumer Product Safety Commission.
- Mohan, D., Bowman, R., Snyder, R.G., & Foust, D.R. (1978). *A biomechanical analysis of head impact injuries to Children*. Washington, DC: Insurance Institute for Highway Safety.
- Monroe, M.L. (1985). An evaluation of day care playgrounds in Texas. In J.L. Frost & S. Sunderlin (Eds.), *When children play* (pp. 193-199). Wheaton, MD: Association for Childhood Education International.
- Moore, R.C., Goltsman, S.M., & Iacofano, D.S. (1987). *Play for all guidelines: Planning, design and management of outdoor play settings for all children*. Berkeley, CA: MIG Communications.
- NBS. (1976). Mahajan, B.M. *Evaluation and adequacy of the NRPA's proposed safety standard for public playground equipment and supporting technical rationale*. Washington, DC: National Bureau of Standards.
- NBS. (1978a). Mahajan, B.M., Beine, W.B., & Sorrells, J.R. *Suggested safety guidelines and supporting rationale for public playground equipment*. Washington, DC: National Bureau of Standards.
- NBS. (1978b). Mahajan, B., Beine, W., Berger, R., Brown, W., & Sorrells, J. *Suggested safety requirements and supporting rationale for swing assemblies and straight slides*. Washington, DC: National Bureau of Standards.
- NBS. (1979a). Mahajan, B.M. & Beine, W.B. *Impact attenuation performance of surfaces installed under playground equipment*. Washington, DC: National Bureau of Standards.
- NBS. (1979b). Beine, W.B. & Sorrells, J.R. *Soil impact attenuation performance: A field study*. Washington, DC: National Bureau of Standards.
- Nichols, G.C. (1988). *Playground related injuries in the U.S.A.* Washington, DC: U.S. Consumer Product Safety Commission.
- NRPA. (1976a). *Technical rationale for proposed safety standard for public playground equipment*. Arlington, VA: National Recreation and Park Association.
- NRPA. (1976b). *Proposed safety standard for public playground equipment*. Arlington, VA: National Recreation and Park Association.
- Oliver, T.I., McFarlane, J.P., Haigh, J.C., Cant, G.M., Bodie, A.M., & Lawson, J.S. (1981). Playground equipment and accidents. *Australian Pediatrics Journal*, 17, 100-103.

- Owings, C.L., Norcutt, R.H., Snyder, R.G., Golomb, D.H., & Lloyd, K.Y. (1977). *Gripping strength measurements of children for product safety design*. Ann Arbor, MI: The University of Michigan.
- Paris, S.G. & Lindauer, B.K. (1982). The development of cognitive skills during childhood. In B.J. Wolman (Ed.), *The handbook of developmental psychology* (pp. 333-349). Englewood Cliffs, NJ: Prentice-Hall.
- Pauls, J.L. (1985). Review of stair-safety research with an emphasis on Canadian studies. *Ergonomics*, 28(7), 999-1010.
- Peterson, G.L., Bishop, R.L., Michaels, R.M., & Rath, G.J. (1973). Children's choice of playground equipment: Development of methodology for integrating user preferences into environmental engineering. *Journal of Applied Psychology*, 58(2), 233-238.
- Pillow, B.H. (1988). Young Children's understanding of attentional limits. *Child Development*, 59, 38-46.
- Playground-related injuries in preschool-aged children--United States, 1983-1987. (1988). *Morbidity and Mortality Weekly Report*, 37(41), 629-632.
- Preston, J. (1988). *Comments on sections in CPSC Handbooks for public playground safety which may require revision*. Report presented at August 4, 1988 ASTM Committee Meeting, Task Group F15.29, Playground Equipment for Public Use.
- Ramsey, L.F. (1988, draft). *Analysis of slide guidelines--report with recommendations*. Washington, DC: U.S. Consumer Product Safety Commission.
- Ramsey, L. & Preston, J. (1989). *Comparison of provisions in the CPSC Handbooks for Public Playground Safety with those of five foreign standards for playground equipment*. Washington, DC: U.S. Consumer Product Safety Commission.
- Ridenour, M.V. (1983). Influence of inter-rung distance on self-prediction and success. *Perceptual and motor skills*, 56, 751-754.
- Ridenour, M.V. (1986). Age-appropriateness and safety of a home merry-go-round for young children. *Perceptual and motor skills*, 63, 271-278.
- Ridenour, M.V. (1987). Elementary school playgrounds: Safe play areas or inherent dangers. *Perceptual and motor skills*, 64, 447-451.
- Roth, H.P. & Burke, D.M. (1975, April). *Head impact G in free fall on various surfaces and padding materials*. Unpublished work submitted by D.M. Burke to CPSC.

- Rubin, K.H., Fein, B., & Vandenberg, B. (1983). Play. In P.H. Mussen (Series Ed.) & E. M. Hetherington (Volume Ed.), *Handbook of child psychology: Vol. IV Socialization, personality, and social development* (pp. 693-774). New York: Wiley.
- Rutherford, G.W. (1979). *HIA hazard analysis: Injuries associated with public playground equipment*. Washington, DC: U.S. Consumer Product Safety Commission.
- Rutherford, G., & Kelly, S. (1981). *Special report--accidental strangulations (ligature) of children less than 5 years old*. Washington, DC: U.S. Consumer Product Safety Commission.
- Schaeffer, D. (1988). *Developmental psychology*. Belmont, CA: Brooks-Cole Publishing Company.
- Schneider, L.W., Lehman, R.J., Pflug, M.A., & Owings, C.L. (1986). *Size and shape of the head and neck from birth to four years*. Ann Arbor, MI: The University of Michigan, Transportation Research Institute, Institute of Science and Technology.
- Sedlak, A.J. & Kurtz, S.T. (1981). A review of children's use of casual inference principles. *Child Development*, 52, 759-788.
- Simpson, N.B. (1988). Playgrounds: Safety and fun by design. *Parks & Recreation*, 23(10), 28-32, 63.
- Snyder, R.G. (1970). State of the art: Human Impact Tolerances. *International Automobile Safety Conference, S.A.E.*, 712-755.
- Snyder, R.G., Schneider, L.W., Owings, C.L., Reynolds, H.M., Golomb, D.H., & Schork, M.A. (1977). *Anthropometry of infants, children, and youths to age 18 for product safety design*. Ann Arbor, MI: The University of Michigan, Highway Safety Research Institute.
- Snyder, R.G., Spencer, M.L., Owings, C.L., & Schneider L.W. (1975). *Physical characteristics of children as related to death and injury for consumer product safety design*. Ann Arbor, MI: The University of Michigan, Highway Safety Research Institute.
- Statewide Comprehensive Injury Prevention Program (SCIPP), Massachusetts Department of Public Health. (1988). *Playground safety checklist*.
- Steele, C. & Nauman, M. (1978). Infants' play on outdoor play equipment. In J.L. Frost & S. Sunderlin (Eds.), *When children play* (pp. 121-127). Washington, DC: National Association for the Education of Young Children.
- Stoops, K.B. (1985). *A study of children's play areas in Seattle parks*. Seattle, WA: City of Seattle Department of Parks and Recreation.

- Sweeney, T.B. (1979a). Playground accidents: A new perspective. *Trial*, pp. 40-44, 67-68.
- Sweeney, T.B. (1979b). X-rated playgrounds? *Pediatrics*, 64(6), 961.
- Sweeney, T.B. (1980). *Comments on NBS suggested safety guidelines and supporting rationale for public playground equipment*.
- Sweeney, T.B. (1982, November). Warning: Children's playground may be harmful to their health. *PTA Today*, pp. 21, 23.
- Sweeney, T.B. (1985). Playground injuries. *Case & Comment*, 90(4), 3-4, 6.
- Sweeney, T.B. (1987). Playgrounds and head injuries: A problem for the school business manager. *School Business Affairs*, 53(1), 28-31.
- Tinsworth, D. (1986). *Structural entrapment update*. Washington, DC: U.S. Consumer Product Safety Commission.
- U.S. Consumer Product Safety Commission. (1981a). *A handbook for public playground safety; Volume 1: General guidelines for new and existing playgrounds*. Washington, DC: U.S. Government Printing Office.
- U.S. Consumer Product Safety Commission. (1981b). *A handbook for public playground safety; Volume 2: Technical guidelines for equipment and surfacing*. Washington, DC: U.S. Government Printing Office.
- U.S. Consumer Product Safety Commission, Bureau of Epidemiology. (1974). *Hazard analysis of high chairs (NIIC-1501-74-H007)*. Washington, DC: U.S. Consumer Product Safety Commission.
- U.S. Department of Commerce, Bureau of the Census. (1988, May). *State population and household estimates, with age, sex, and components of change: 1981-87 (Series P-25, No. 1024)*. Washington, DC: U.S. Government Printing Office.
- Vuroillot, E. (1968). The development of scanning strategies and their relation to visual differentiation. *Journal of Experimental Child Psychology*, 6, 632-650.
- Wallach, F. (1983). Play in the age of technology. *Parks & Recreation*, 18(4), 37-38, 63.
- Ward, A. (1987). Are playground injuries inevitable? *The Physician and Sports Medicine*, 15(4), 162-165, 168.
- Ward J.D. (1986). Acute head injuries in the child. In R.F. Edlich & D.A. Spyker (Eds.), *Current Emergency Therapy*, (3rd Ed.) (pp. 10-13).
- Werner, P. (1980). *Comments on NBS suggested safety guidelines and supporting rationale for public playground equipment*.

Werner, P. (1982). Playground injuries and voluntary product standards for home and public playgrounds. *Pediatrics*, 69(1), 18-20.

Winter, J.P. (1988). A medicolegal review of playground equipment injuries in children. *Pediatric Emergency Care*, 4(2), 137-143.

STANDARDS

American Society of Testing and Materials (ASTM) standards

ASTM F-1004-86. *Standard consumer safety specification for first-generation standard expansion gates and expandable enclosures.*

ASTM F-1148-88. *Standard consumer safety specification for home playground equipment.*

ASTM. *Standard specification for impact attenuation of surface systems under and around playground equipment.* May 3, 1989 (8th draft).

ASTM F-355-86. *Standard test method for shock-absorbing properties of playing surface systems and materials.*

Australian standards

AS 1924, Part 1, 1981. *Playground equipment for parks, schools and domestic use: General requirements.*

AS 1924, Part 2, 1981. *Playground equipment for parks, schools and domestic use: Design and construction--safety aspects.*

AS 2155, 1982. *Playgrounds--guide to siting and to installation and maintenance of equipment.*

British standards

BS 5696: Part 1: 1986. *Play equipment intended for permanent installation outdoors: Methods of Test.*

BS 5696: Part 2: 1986. *Play equipment intended for permanent installation outdoors: Specification for construction and performance.*

BS 5696: Part 3: 1979. *Play equipment intended for permanent installation outdoors: Code of practice for installation and maintenance.*

Canadian draft standards

CAN/CSA-Z614, 1988. *Children's play spaces and equipment.*

German standards

DIN 7926, Part 1, 1985. *Playground equipment for children; concepts, safety requirements, testing.*

DIN 7926, Part 2, 1984. *Playground equipment for children; swings; technical safety requirements and testing.*

DIN 7926, Part 3, 1979. *Playground equipment for children; slides; technical safety requirements and testing.*

DIN 7926, Part 5, 1984. *Playground equipment for children; carousels; technical safety requirements and testing.*

New Zealand standards

NZS 5828: Part 1: 1986. *Specification for playgrounds and playground equipment: General guidelines for new and existing playgrounds--equipment and surfacing.*

Seattle draft standards

1986. *Draft design guidelines for play areas: Recommendation for planning, design, and maintenance.*

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8. APPENDICES

8.1 IDI coding form

8.2 IDI database

8.3 IDI summary tables

PLAYGROUND EQUIPMENT IDI CODING FORM

Case Number: _____

Source: _____ Onsite _____ Phone Only

Accident Date: _____
 yr mo day

Reviewer Name and Date _____

I. VICTIM

Age: _____ years _____ months

Sex: _____ M _____ F _____ Unknown

Height: _____ inches

Weight: _____ pounds

Physical & Developmental Condition:

- _____ 1. Unknown
_____ 2. Normal
_____ 3. Other: _____

- Product Use: _____ 1. First Use
 _____ 2. Uses daily/daily during school week
 _____ 3. Uses occasionally during week
 _____ 4. Uses occasionally during month
 _____ 5. Occasionally, no regular basis
 _____ 6. Unknown
 _____ 7. Other: _____

- Clothing: _____ 1. Not Factor
 _____ 2. Factor: _____

- Footwear: _____ 1. Not Factor
 _____ 2. Factor: _____

Comments related to victim: _____

II. PRODUCT

Primary product involved (describe any unusual aspect):

- ☐ 1. Swing
- ☐ 2. Slide
- ☐ 3. See-Saw
- ☐ 4. Climber
- ☐ 5. Rope Climber
- ☐ 6. Whirling
- ☐ 7. Rocking
- ☐ 8. Sandbox
- ☐ 9. Other
- ☐ 10. Glider swing (2 or 4 person)
- ☐ 11. Ring handles
- ☐ 12. Multiple products

Manufacturer _____

Multiple Products involved: ☐ Yes ☐ No ☐ Unknown

Age of Product: _____ years
_____ approximate years
_____ not stated, unknown

Condition: ☐ 1. Poor ☐ 3. Good
☐ 2. Fair ☐ 4. Not stated, unknown

Further description of cond. _____

Previous equipment accidents reported:

☐ Yes ☐ How Many?
☐ No ☐ Unknown

Specified User Age Group:

- ☐ 1. Pre-school
- ☐ 2. Elementary
- ☐ 3. Secondary
- ☐ 4. All
- ☐ 5. Not stated, unknown

On-product or adjacent warnings, labels, signs:

☐ Yes ☐ No ☐ Unknown

Comments related to product: _____

III. ENVIRONMENT

Location:

- _____ 1. Victim's Home
- _____ 2. Other Private Home
- _____ 3. Public Park or Playground
- _____ 4. Preschool, Daycare
- _____ 5. School
- _____ 6. Other _____
- _____ 7. Commercial
- _____ 8. Apartment Complex (incl. condominiums)

Weather:

- _____ 1. Dry
- _____ 2. No precipitation, ground or equipment damp or wet
- _____ 3. Rain
- _____ 4. Unknown

Surface (type, depth, area): _____

Is equipment age-separated: _____ Yes _____ No _____ Unknown

Describe _____

Adult supervision: _____ Yes _____ No _____ Unknown

Describe _____

Was accident viewed? _____ Yes _____ No _____ Unknown

Describe _____

Social Situation:

- _____ 1. No other children present
- _____ 2. Other children interacting with victim
- _____ 3. Other children using same equipment
- _____ 4. Other children in play area
- _____ 5. Not stated, unknown

Comments on environment: _____

IV. INCIDENT

Brief Incident Description:

Injury Mode (double coding possible):

- ☐ 1. Fall
- ☐ 2. Impact with moving equipment
- ☐ 3. Impact with stationary equipment
- ☐ 4. Pinch, crush
- ☐ 5. Cut, puncture
- ☐ 6. Entangle
- ☐ 7. Entrap head
- ☐ 8. Strangle
- ☐ 9. Other _____

Type of Injury: _____

Body location of injury: _____

Mode of equipment use by any individual involved in accident

- ☐ 1. Normal, intended
- ☐ 2. Unusual, unintended
- ☐ 3. Unknown, unclear

Point of incident in task sequence:

- ☐ 1. Initiation (mount, enter)
- ☐ 2. Primary Use
- ☐ 3. Termination (dismount)
- ☐ 4. Non-use of this equipment by victim
- ☐ 5. Other _____

Interaction with other children involved: ☐ Yes ☐ No ☐ Unknown

Describe _____

Fall involved?: Yes No Unclear

If yes, fell to:

- _____ 1. Fell to surface
- _____ 2. Fell to equipment being used
- _____ 3. Fell to other equipment
- _____ 4. Other _____

Initial cause of fall:

- _____ 1. Foot slipped
- _____ 2. Grip slipped
- _____ 3. Lost balance
- _____ 4. Tripped
- _____ 5. Jumped
- _____ 6. Pushed
- _____ 7. Thrown from
- _____ 8. Other _____
- _____ 9. Unknown, unclear

Height of Fall: _____

Moving parts or objects involved: Yes No Unknown

If yes, moving part actuated:

- _____ 1. By victim
- _____ 2. By another
- _____ 3. By victim and other(s)
- _____ 4. Self-actuated
- _____ 5. Other _____

Part of the product involved in the injury: _____

Material (of parts related to accident): _____

Product physical characteristics likely related to incident: _____

Anthropometric and developmental characteristics likely related to incident:

(Judgements may require inference on the part of the coder.)

- _____ 0. Unknown, unclear
- _____ 1. Height
- _____ 2. Weight
- _____ 3. Hand dimension
- _____ 4. Grip strength
- _____ 5. Head dimension
- _____ 6. Span of reach
- _____ 7. Span of step

Developmental Characteristics (balance, coordination, visual perception)

Comments: _____

8.2 IDI DATABASE

Victim Information
Sorted by Product Type

Our Case Product Age Age Sex Height Weight Physical Product Clothing Footwear Comments Related to Victim
Case (yr) (mm) (inches) (lbs.) Condition Use

56 880413bep0001	1	1	10	F	32.5	30	2	3	1	1	1	
178 880819bep0003	1	1	4	M	24.0	37	2	7	1	1	1	
24 880526bep0003	1	2	10	F	30.0	26	2	1	1	1	1	
45 880427bep0001	1	2	8	M	36.0	25	2	2	1	1	1	
105 880831bep0005	1	2	6	M	36.0	33	2	2	1	1	1	
111 880919bep0003	1	2	10	M	36.0	30	2	2	1	1	1	First time at park.
7 880509bep0006	1	3	10	F	36.0	30	2	3	1	1	1	
27 880531bep0006	1	3	0	F	31.0	30	2	2	1	1	1	
28 880531bep0011	1	3	6	F	36.0	45	2	5	1	1	1	
87 880913bep0014	1	3	11	M	42.0	35	2	5	1	1	1	
63 880804bep0002	1	3	2	F	36.0	45	2	4	1	1	1	
107 880919bep0009	1	3	10	F	36.0	43	2	2	1	1	1	
116 881031bep0003	1	3	0	M	40.0	40	2	3	1	1	1	
187 880405bep0003	1	3	3	F	36.0	30	2	2	1	1	1	
12 880424bep0001	1	4	6	M	0.0	45	2	3	1	1	1	
42 880623bep0003	1	4	2	F	36.0	48	2	3	1	1	1	
30 880517bep0009	1	4	6	F	42.0	30	2	2	1	1	1	
114 881123bep0001	1	4	4	3	38.0	37	2	6	1	1	1	
184 880725bep0003	1	4	4	M	42.0	40	2	3	1	1	1	
9 880506bep0006	1	5	7	F	0.0	38	2	2	1	1	1	Injury was not noted immediately. Mother found child asleep on couch and noticed swollen cheek.
3 880701bep0003	1	5	0	F	48.0	60	2	4	1	1	1	
90 881018bep0002	1	5	11	M	42.0	46	2	2	1	1	1	
121 880927bep0003	1	5	11	M	36.0	45	2	5	1	1	1	
123 880920bep0014	1	5	10	M	42.0	43	2	2	2	2	2	The victim was wearing a ring which was the cause of injury. Dimensions of the finger involved, as measured and reported by Mother: length 2" and diameter 2".
165 881122bep0001	1	5	2	F	36.0	30	2	3	1	1	1	
194 880717bep0001	1	5	10	F	42.0	50	2	5	1	1	1	
68 880609bep0002	1	6	0	M	0.0	0	2	2	1	1	1	This is a very poor on-site report. No info added to phone interview. No details are put in regarding equipment. Thus info contained is from phone interview.
15 880406bep0002	1	6	4	F	45.0	50	2	2	1	1	1	
4 880802bep0019	1	6	0	M	48.0	35	2	2	1	1	1	
84 880927bep0006	1	6	0	F	48.0	35	2	2	1	1	1	
117 881003bep0002	1	6	0	M	40.0	40	2	2	1	1	1	Child has allergy problems, but this should not be a factor because victim was not on medication at the time. Talked about as "active."
76 880524bep0007	1	7	0	M	48.0	55	3	6	1	1	1	Victim has cerebral palsy subject to seizures, history of falling.
37 880603bep0001	1	7	3	F	49.5	50	2	3	1	1	1	
23 880517bep0006	1	7	0	M	48.0	60	2	1	1	1	1	
139 881109bep0002	1	7	6	F	62.0	43	2	2	1	1	1	
183 880802bep0002	1	7	8	F	48.0	50	2	2	1	1	1	

Victim Information
Sorted by Product Type

Our Case	Product	Age (yr)	Age (mm)	Sex	Height (inches)	Weight (lbs.)	Physical Condition	Product Use	Clothing	Footwear	Comments Related to Victim
43 880601bep0006	1	8	0	F	44.0	50	2	5	1	1	
137 880602bep0011	1	8	3	F	50.0	52	2	5	1	1	
195 880725bep0006	1	8	11	F	50.0	50	2	2	1	1	
14 880410bep0001	1	9	7	M	54.0	72	2	2	1	1	
16 880630bep0001	1	9	0	M	57.0	62	2	2	1	1	
21 880519bep0002	1	9	10	M	51.0	87	2	1	1	1	
150 880927bep0015	1	9	0	M	52.0	69	2	4	1	1	
190 881020bep0001	1	9	0	M	50.0	70	2	2	1	1	
11 880430bep0001	1	10	8	F	0.0	68	2	2	1	1	
103 880920bep0007	1	10	5	M	48.0	65	2	2	1	1	Mother indicated that victim was "reckless and accident prone." She also thought child was "probably" swinging too high, seated improperly or both.
157 881223bep0001	1	10	4	M	48.0	60	2	2	1	1	
66 880607bep0006	1	11	6	F	59.0	122	2	2	1	1	
61 880816bep0002	1	11	3	M	47.0	90	2	1	1	1	
151 881004bep0007	1	11	5	F	60.0	99	2	2	1	1	
162 881209bep0001	1	11	6	M	54.0	70	2	2	1	1	
144 881116bep0002	1	12	9	M	62.0	110	2	2	1	1	Mother described him as active principal described him as "dare-devil." Victim stated that he enjoys "trying to do tricks" with the swings.
182 880808bep0001	1	12	0	M	48.0	100	2	5	1	1	
36 880620bep0001	2	1	6	M	24.0	29	2	1	1	1	This was first time victim was allowed to travel down sliding board distance alone.
161 880727bep0004	2	1	3	M	30.0	22	2	1	1	1	
100 880831bep0004	2	2	9	F	35.0	28	2	3	1	2	The victim had also been playing in sandbox, so there was sand on the bottom of her shoes, which may have contributed.
153 881006bep0003	2	2	2	F	34.0	29	2	3	1	1	Victim was quite familiar with slides like this one, but her day care teacher always climbed up the ladder and slid down with her for such high slides.
82 880609bep0005	2	3	10	M	39.5	35	2	2	1	2	Brand new shoes, babysitter reported soles of sneakers were wet. Victim was playing at playground near home of his babysitter.
81 880520bep0005	2	3	6	F	36.5	40	2	1	1	1	Child had watched slide being used before, but had no actual feeling for what slide would be like.
79 880712bep0007	2	3	1	F	40.0	40	2	4	1	1	Mother stated child is accident prone, "clumsy"
98 880706bep0005	2	3	6	M	44.0	44	2	5	1	1	Mother explained that victim had previously used the slide only with help of father.
141 880912bep0021	2	3	0	M	36.0	40	3	3	1	1	Victim had an ear infection and therefore had "draining tubes" in his ear.
155 881127bep0001	2	3	3	F	34.0	32	2	2	1	1	No shoes or socks.
70 880511bep0001	2	4	6	F	36.0	35	2	4	1	2	Victim has inner ear problem(possibly child's arthritis). Used product daily while at shelter. After reported incid. Next day same incid. occurred with vict. falling again off platform sliding board injuring head.
78 880625bep0001	2	4	9	F	42.0	35	3	7	1	1	Mother & child left shelte

Victim Information
Sorted by Product Type

Our Case	Product	Age (yr)	Age (mm)	Sex	Height (inches)	Weight (lbs.)	Physical Condition	Product	Clothing	Footwear	Comments Related to Victim
8 880508bep0003	2	4	0	M	0.0	0.2		2	1	1	
138 881219bep0001	2	4	0	F	30.0	40.2		2	1	1	
167 880615bep0004	2	4	3	F	0.0	30.2		3	1	2	She was not wearing shoes.
171 880922bep0005	2	4	0	M	46.0	42.3		5	1	1	Victim is a controlled epileptic and on daily medication, but this doesn't seem to have affected the incident.
166 880906bep0002	2	4	9	F	38.0	30.2		5	1	1	
57 880412bep0003	2	5	4	F	36.0	40.1		3	1	1	Victim had manipulated slide equip. in same manner as during accident several times earlier i.e., improperly walking up slide and down steps.
22 880512bep0003	2	5	6	M	42.0	40.2		2	1	1	
86 880922bep0003	2	5	1	F	41.0	40.2		3	1	1	Victim had played on equipment frequently since it opened in 1985.
74 880601bep0013	2	6	6	M	40.0	48.2		1	1	1	Victim was on class trip to Central Park. Had never been on slide before, since all slides in neighborhood were broken & unusable.
75 880509bep0007	2	6	0	M	44.0	45.2		2	1	1	
1 880711bep0012	2	6	0	F	0.0	0.2		5	1	1	
99 880601bep0003	2	6	4	F	50.0	52.2		3	1	2	Victim was barefoot, this may have contributed to her foot jamming against side of slide trough.
164 881110bep0002	2	6	6	M	41.0	57.2		3	1	2	He was at public park before a soccer game and was therefore wearing soccer cleats -- factor in accident.
169 880418bep0006	2	6	0	F	0.0	0.1		6	1	1	
51 880509bep0004	2	7	9	F	47.0	50.2		3	1	2	Victim wearing sandals, claimed she had mud on bottom of her shoes, causing her foot to slip
104 880820bep0001	2	7	5	M	47.0	37.2		2	1	1	
109 880901bep0003	2	7	2	F	43.0	43.2		2	1	1	
65 880525bep0006	2	8	0	M	49.0	45.3		2	1	2	Very active accident prone has osteomyelitis bone disease. Had on new sneakers wet on bottom from walking in grass. Recently had operation on knee in 87 due to osteomyelitis but there was no visible limp.
38 880516bep0004	2	8	2	F	46.0	40.3		3	1	1	Child suffered contusion. No other visible injury. Woke during night vomiting. Treated by doctor who felt there was relation between vomiting and fall.
135 881107bep0002	2	8	0	M	44.0	55.2		2	1	1	
163 880518bep0005	2	8	2	M	50.0	72.2		2	1	1	He had excess energy and inventiveness.
48 880407bep0001	2	9	8	M	48.0	50.2		2	1	1	
91 880629bep0003	2	9	7	M	51.5	65.2		3	1	1	Throughout report victim is listed as 9 yr 7 mo but this was crossed out on final report and replaced by 10
108 880608bep0001	2	10	4	M	64.0	100.2		5	1	1	
32 880606bep0018	2	11	0	F	61.0	120.2		2	1	1	Victim had been using equipment for past 2 months
64 880515bep0001	2	11	3	F	54.0	75.2		1	1	1	
168 880419bep0004	2	11	6	F	58.0	80.2		5	1	1	

Victim Information
Sorted by Product Type

Our Case	Product	Age (yr)	Age (mm)	Sex	Height (inches)	Weight (lbs.)	Physical Condition	Product Use	Clothing	Footwear	Comments Related to Victim
170 881002bep0002	2	14	0	F	62.0	105	2	2	1	2'	She did not have shoes on.
6 880510bep0009	3	2	0	M	36.0	30	2	2	1	1	
2 880701bep0001	3	3	6	F	35.0	34	2	5	1	1	
13 880411bep0003	3	4	2	M	44.0	40	1	2	1	1	
177 880921bep0005	3	4	0	M	0.0	32	2	1	1	1	Child is hyperactive, takes medication. Incident occurred at kindergarten, which he has been attending for 10 weeks.
110 881027bep0003	3	5	6	M	47.0	46	3	2	1	1	
158 881015bep0001	3	5	6	M	36.0	65	2	5	1	1	
5 880809bep0006	3	8	2	M	44.0	90	2	2	1	1	
54 880418bep0001	3	8	5	F	52.0	61	2	4	1	1	
156 881021bep0002	3	10	11	F	60.0	110	2	3	1	1	
88 880524bep0005	3	11	4	F	57.0	93	2	2	1	1	
67 880720bep0008	4	2	1	F	33.0	30	2	1	1	1	Victim supposed to only use swing portion under supervision. She had never used vertical ladder before.
113 880810bep0001	4	2	1	M	32.0	28	2	5	1	1	
20 880617bep0008	4	2	6	M	30.0	28	2	2	1	1	Mother stated that victim "was always running into things." Also "he was born premature and has difficulty maintaining balance."
159 880926bep0009	4	2	11	F	48.0	21	2	5	1	1	
17 880627bep0005	4	3	0	F	42.0	40	2	3	1	1	
35 880617bep0009	4	3	9	M	38.0	35	2	5	1	1	
124 881130bep0001	4	3	1	M	33.0	32	2	2	1	1	
136 881014bep0001	4	3	9	F	36.0	30	2	2	1	1	
176 880811bep0010	4	3	0	F	0.0	28	2	2	1	1	
25 880520bep0003	4	4	0	M	31.0	39	2	5	1	1	
59 880503bep0009	4	4	1	F	39.0	33	2	1	1	1	Victim had recently learned to use monkey bars. She was excited because her cousins had come to visit and may have been showing off.
106 880808bep0006	4	4	3	F	41.0	36	2	2	1	1	
180 880829bep0002	4	4	0	F	0.0	0	2	2	1	1	
26 880519bep0004	4	5	0	F	42.0	33	2	3	1	1	
94 880606bep0001	4	5	2	F	41.0	40	2	2	1	1	
85 880810bep0002	4	5	11	M	48.0	50	2	3	1	1	
127 880830bep0003	4	5	0	M	42.0	60	2	4	1	1	The victim does not attend the school where the incident occurred.
134 880707bep0004	4	5	0	M	45.5	40	2	3	1	1	
147 881017bep0015	4	5	2	F	40.0	40	2	2	1	1	
192 881005bep0001	4	5	4	F	36.0	36	2	2	1	1	
193 881217bep0001	4	5	9	M	48.0	45	2	2	1	1	
72 880606bep0016	4	6	6	M	48.0	52	2	3	1	1	Victim stated hands might have been sweaty. Victim's parents are divorced, she was visiting her father who lives in another town. Visits 2 or 3 times each month. They occasionally go to small park--has swings and monkey bars next to tennis courts in his condominium complex.
77 880706bep0001	4	6	2	F	53.0	46	2	5	1	1	

Victim Information
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Our Case Case	Product	Age (yr)	Age (mn)	Sex	Height (inches)	Weight (lbs.)	Physical Condition	Product Use	Product	Clothing	Footwear	Comments Related to Victim
44 880426bep0004	4	6	6	M	40.0	48.2		5	1	1	1	
40 880520bep0007	4	6	9	F	51.8	70.2		2	1	1	1	
33 880613bep0005	4	6	0	M	36.0	40.2		1	1	1	1	
34 880616bep0004	4	6	0	M	46.0	40.2		2	1	2	2	Victim not wearing shoes. Mother felt if victim had been wearing shoes his injury would not have been so severe.
93 880813bep0003	4	6	6	F	42.0	50.2		1	1	1	1	
60 880824bep0002	4	6	0	F	42.0	45.2		6	1	1	1	Fearless, "chunky" build.
119 881201bep0001	4	6	0	F	30.0	60.2		4	1	1	1	
120 881006bep0001	4	6	3	M	48.0	40.2		2	1	1	1	Mother stated injury was not at all serious and there was on problem with the equipment.
122 880914bep0002	4	6	0	M	42.0	65.2		5	1	1	1	
125 881026bep0002	4	6	0	M	42.0	42.2		2	1	1	1	
126 881025bep0003	4	6	3	M	48.0	50.2		2	1	1	1	
130 881021bep0001	4	6	0	F	48.0	35.2		4	1	1	1	
146 881111bep0003	4	6	10	M	54.0	63.2		2	1	1	1	
152 881013bep0002	4	6	8	M	50.0	55.2		5	1	1	1	
172 880506bep0004	4	6	0	F	39.0	45.2		2	1	1	1	
173 880728bep0011	4	6	0	M	47.0	44.2		2	1	1	1	Victim's feet were wet from nearby water fountain, but it is unclear whether this contributed to incident.
175 880516bep0007	4	6	1	F	36.0	40.2		3	1	1	1	
191 881010bep0001	4	6	11	F	36.0	55.2		2	1	1	1	Victim does not remember anything about incident, according to mother.
10 880505bep0004	4	7	0	F	0.0	0.1		6	1	1	1	Guardian did not want to answer many questions-thus most of info is non-existent.
29 880425bep0006	4	7	0	F	43.0	0.3		2	1	1	1	
50 880429bep0001	4	7	3	M	49.0	60.3		2	1	1	1	Victim is shy and withdrawn. Taking "Theodore" asthma medication.
58 880408bep0005	4	7	7	F	47.0	42.2		1	1	1	1	Victim complained of wrists being tired and hands being sweaty when she fell.
112 880918bep0002	4	7	0	F	49.0	71.2		3	1	1	1	
115 880919bep0008	4	7	11	F	52.0	62.2		1	1	1	1	Victim was familiar with monkey bars from school and other experiences, but this was her first time at this park.
118 881125bep0001	4	7	3	F	48.0	40.2		2	1	1	1	
128 881114bep0004	4	7	0	M	42.0	70.2		2	1	1	1	
140 880901bep0004	4	7	0	M	0.0	0.2		3	1	1	1	
143 881128bep0001	4	7	8	F	51.0	63.2		2	1	1	1	
148 880801bep0004	4	7	0	M	48.0	50.2		1	1	1	1	
149 881202bep0001	4	7	0	M	0.0	0.2		2	1	1	1	
46 880422bep0005	4	8	6	M	54.0	88.2		2	1	1	1	

Victim's mother was suffering terminal cancer. He had frequent contact with the school nurse who, with his teacher, speculated that he needed this extra attention due to family situation.

Victim Information
Sorted by Product Type

Our Case	Product	Age (yr)	Age (mm)	Sex	Height (inches)	Weight (lbs.)	Physical Condition	Product Use	Comments Related to Victim
47 880408bep0002	4	8	6	M	48.0	50.2	4	1	1
52 880427bep0002	4	8	10	M	55.0	82.2	2	1	1
132 880908bep0003	4	8	0	F	55.0	100.2	6	1	1
Victim said she was "not very athletic." She had been trying very hard to master to horizontal ladder and was tired. She had a blister on her hand which was hurting.									
41 880513bep0005	4	9	3	M	60.0	80.2	3	1	1
89 880909bep0003	4	9	9	M	51.0	68.2	2	1	1
It was initially thought victim fell on back and wasn't hurt, but later he seemed disorientated and confused. Mother described victim as "average size (height) for his age, thin."									
129 881105bep0001	4	9	0	M	0.0	0.2	2	1	1
Victim diagnosed by doctor as "hyperactive."									
133 881004bep0006	4	9	3	M	57.0	78.3	2	1	1
55 880414bep0002	4	10	1	M	55.0	73.2	2	1	1
96 880504bep0002	4	10	5	M	51.0	94.2	2	1	1
188 881205bep0001	4	10	7	M	53.0	72.2	2	1	1
189 881024bep0002	4	11	0	F	67.0	145.2	5	1	1
101 880713bep0002	4	12	0	F	58.0	75.1	1	1	1
154 881011bep0006	6	3	0	M	0.0	0.1	6	1	1
31 880602bep0005	6	5	6	F	54.0	53.2	1	1	2
New shoes with leather soles slippery. Mother felt slickness of soles of shoes was a contributory factor in child's initial fall from merry-go-round.									
142 880913bep0001	6	5	4	F	36.0	45.2	3	1	1
53 880418bep0005	6	9	2	M	53.0	63.3	1	1	1
Victim has been diagnosed as hyperactive. Uses anti-hyperactive medicine, Ritalin, during the week. Discontinued on weekends. Accident occurred on Sunday.									
131 881024bep0001	7	4	4	M	42.0	35.2	3	1	1
160 880715bep0016	9	11	3	F	54.0	96.2	1	1	1
83 880708bep0001	9	13	0	M	66.0	150.2	5	1	1
Mother speaks of son living in a group home - visits every 3 weeks.									
145 881229bep0001	9	13	0	F	67.0	110.2	5	1	1
39 880523bep0005	10	2	11	M	36.0	45.2	3	1	1
102 880527bep0005	10	2	11	M	36.0	34.2	2	1	1
181 880906bep0009	10	2	11	F	37.0	26.2	5	1	1
62 880603bep0004	10	3	3	F	41.0	39.2	3	1	1
71 880714bep0002	10	4	0	M	36.0	50.2	2	1	1
19 880610bep0007	10	4	6	F	42.0	32.2	2	1	1
73 880719bep0002	10	5	1	F	42.0	33.2	3	1	1
179 880823bep0002	10	6	0	F	46.0	43.2	2	1	1
69 880628bep0001	10	7	0	M	48.0	56.2	2	1	1
80 880623bep0001	10	8	3	M	52.0	75.2	3	1	1
Victim was attending birthday party in aunt's duplex in home backyard.									
49 880404bep0001	12	4	4	M	40.0	38.2	2	1	1
18 880610bep0010	12	9	1	F	52.0	75.2	4	1	1

Product Information
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Our Case	Product Other--Description	Mult	Age Prod	Approx Age	Condition Description	Incident Hist	How Many	Age Grp
56 880413bep0001	1	n	0	5.0 3		uk	1	
178 880819bep0003	1	n	0	0.0 4	Homemade -- wooden seat, ropes	uk	5	
24 880526bep0003	1	n	0	0.0 2		uk	2	
45 880427bep0001	1	n	3	0.0 3	Part of a swing set with 2 swings, teeter-totter, slide, rings and glider.	uk	5	
105 880831bep0005	1	n	0	0.0 2		uk	5	
111 880919bep0003	1	n	0	30.0 4	Worn metal It is unclear which exact equipment caused accident, but investigator reported many swings in poor condition.	uk	2	
7 880509bep0006	1	n	3	0.0 3	Rocking horse attached to swing set (also contained 2 swings).	n	5	
27 880531bep0006	1	n	0	0.0 3		uk	4	
28 880531bep0011	1	n	0	3.0 3	Multipurpose swing set-swing portion.	uk	2	
87 880913bep0014	1	n	0	5.0 3		uk	1	
63 880804bep0002	1	n	0	10.0 3	Swings on circular unit: domed metal unit with 5 flexible swings around periphery, attached 10' high.	uk	5	
107 880919bep0009	1	n	0	5.5 2	Victim's grandmother had obtained this swing set from an old neighbor, second hand. It had been repainted by previous owner. Swing seats seemed homemade. Equipment had been removed after incident, so it could not be examined.	n	5	
116 881031bep0003	1	n	0	0.2 3		n	5	
187 880405bep0003	1	n	0	0.0 2	A- frame of swing set was involved in this incident	n	5	
12 880424bep0001	1	n	0	6.0 2	Unknown mother seemed to have no knowledge of what swing looked liked.	uk	5	
42 880623bep0003	1	n	0	5.0 3		uk	1	
30 880517bep0009	1	n	0	0.0 3		uk	5	
114 881123bep0001	1	n	0	0.0 3	"Horse Swing"	uk	5	
184 880725bep0003	1	n	0	5.0 3	Rope swing, part of climbing apparatus.	uk	5	
9 880506bep0006	1	n	1	0.0 1	Mother of victim said nuts and bolts keep loosening and falling off.	n	4	

Product Information
Sorted by Product Type

Our Case	Product Other--Description	Mult	Age Prod	Age	Cond	Description	Incid Hist	How Many	Age Grp
3 880701bep0003	1 Part of swing set which included 2 swings, slide and teeter-totter.	n	4	0.0 2			n	4	
90 881018bep0002	1 Part of swing set consisting of 2 swings, glider and ladder with slide.	n	2	0.0 3		Equipment placed unevenly on the ground due to slight upgrade.	n	2	
121 880927bep0003	1	n	0	10.0 3			uk	2	
123 880920bep0014	1	n	0	5.0 3			uk	2	
165 881122bep0001	1	n	0	0.0 3			uk	2	
194 880717bep0001	1	n	0	0.0 2		Swing next to one involved was missing.	uk	4	
68 880609bep0002	1	n	0	0.0 1		Chain broke	uk	5	
15 880406bep0002	1 Tire swing	n	0	0.0 3		Tire swing attached to combination of outdoor playground equip. Swing attached by chain links and ring (slide, jungle gym, ladders).	uk	5	
4 880802bep0019	1	n	0	0.0 3			uk	5	
84 880927bep0006	1 Home-made swing/fort unit made of 4"x6" consisting of trapeze swing, regular swings, ladder with platform (fort).	n	1	0.0 4			uk	2	
117 881003bep0002	1	n	0	0.0 2			uk	5	
76 880524bep0007	1	n	0	0.0 2		Front slat of seat is beginning to rot.	uk	5	
37 880603bep0001	1	n	0	8.0 3			uk	2	
23 880517bep0006	1	n	0	0.0 2			uk	2	
139 881109bep0002	1	n	0	0.3 3		School principal "suggested" that vandals may have tampered with swings during a vandalism incident the previous weekend which involved damage to two air conditioning units.	n	2	
183 880802bep0002	1	n	1	0.0 3			n	5	
43 880601bep0006	1	n	0	25.0 3			uk	5	
137 880602bep0011	1	n	6	0.0 3			uk	5	
195 880725bep0006	1	r	0	15.0 1		Swing set had been in disrepair for four years. The swing involved was hanging from only one chain.	uk	4	

Product Information
Sorted by Product Type

Our Case	Product Other--Description	Mult	Age Prod	Approx Age	Cond	Description	Incident Hist	How Many	Age Grp
14 880410bep0001	1 Rings part of home jungle gym/swing set equipment	n	0	0.0 3	Recently painted	uk	2		
16 880630bep0001	1	n	0	3.5 2	Wooden seat and rope	n	4		
21 880519bep0002	1	n	0	0.0 3		uk	5		
150 880927bep0015	1 Swing set with 3 adult swings and 3 toddler swings (chair type).	n	0	0.0 1	Rusty and old	uk	4		
190 881020bep0001	1	n	0	0.0 3		uk	2		
11 880430bep0001	1 Swing set - top bar (rest of set consists of 2 swings, slide, teeter-totter.	n	3	0.0 2		y	1	5	
103 880920bep0007	1	n	0	0.0 4		uk	2		
157 881223bep0001	1	n	0	25.0 3		uk	2		
66 880607bep0006	1	n	0	0.0 3		uk	2		
61 880816bep0002	1 Swing unit consisted of two adult swings, one intermediate, and one toddler swing. All flexible rubber.	n	0	10.0 3		uk	4		
151 881004bep0007	1	n	0	30.0 3	Described as heavy, sturdy, and well-maintained.	uk	2		
162 881209bep0001	1	n	0	0.0 3	Described as heavy, sturdy swing set.	uk	2		
144 881116bep0002	1	n	0	3.0 1	Purchased new by school approx. three years before, but investigator found the swing set in disrepair.	uk	2		
182 880808bep0001	1	n	0	0.0 3		uk	4		
36 880620bep0001	2	n	0	1.0 3	Good repair, no evidence of deterioration.	uk	5		
161 880727bep0004	2	n	0	0.0 3		uk	5		
100 880831bep0004	2	n	0	6.0 3		uk	4		
153 881006bep0003	2	n	0	0.0 2	Paint worn off contact surfaces of steps.	uk	5		
82 880609bep0005	2 7ft slide	n	0	30.0 3	7ft high-rounded heads of bolts facing step side (lessening risk of accident).	uk	5		
81 880520bep0005	2 Cylindrical/spiral	n	0	20.0 3		n	5		
79 880712bep0007	2 Slide has multi-platforms leading up to top.	n	0	3.5 3	Clean area, well maintained	uk	2		
98 880706bep0005	2	n	0	10.0 3		uk	5		
141 880912bep0021	2	n	0	0.0 3		uk	5		
155 881127bep0001	2	n	0	12.5 1	Showed some wear and tear, but sliding surface was smooth and no sharp edges were found. Rail on right side of ladder and platform was missing, and the one on the left was bent.	n	5		

Product Information
Sorted by Product Type

Our Case	Product Other--Description	Mult	Age Prod	Approx Age	Cond	Condition Description	Incid Hist	How Many	Age Grp
70 880511bep0001	2	n	0	17.5	2	Phone interview indicated some rusting on slide.	uk	5	5
78 880625bep0001	2	n	1	3.0	3	Treated wood construction, tubular steel guards by slide, platforms 3' X 4' all in good condition.	uk	2	2
8 880508bep0003	2	n	0	0.0	2		uk	5	5
138 881219bep0001	2	n	2	0.0	3		uk	5	5
167 880615bep0004	2	n	0	0.0	3		uk	5	5
171 880922bep0005	2	n	0	8.0	3	Spiral slide, part of large multi-use structure.	uk	2	2
166 880906bep0002	2	n	0	0.0	3		uk	2	2
57 880412bep0003	2	n	0	0.0	1	Rusty, corroded on upper hand rail.	uk	3	3
22 880512bep0003	2	n	0	0.0	3		uk	2	2
86 880922bep0003	2	n	3	0.0	3	Railings have a tendency to loosen on sides of stairs.	uk	2	2
74 880601bep0013	2	n	0	2.0	3	Investigator found no sharp or protruding edges on slide except for exposed metal on underside of slide. Investigator felt chance of child touching that area of slide was remote. Condition good but not in compliance with any CPSC safety guidelines. See comments following.	uk	2	2
75 880509bep0007	2	n	2	0.0	3		uk	2	2
1 880711bep0012	2	n	0	0.0	3		uk	4	4
99 880601bep0003	2	n	0	10.0	2	Spiral slide, approx 10' high, making about 1-1/4 turns from platform to ground.	uk	5	5
164 881110bep0002	2	n	0	20.0	3	Metal slide attached to wood platform, part of large structure.	uk	4	4
169 880418bep0006	2	n	0	0.0	3	"Step & Slide" bridge: slide with curved ladders leading up to slide platform.	uk	5	5
51 880509bep0004	2	n	0	18.0	3	Slide was part of playstructure made of wood timbers, with multiple platforms.	uk	2	2
104 880820bep0001	2	n	5	0.0	3	Very good condition. Free of splinters, sharp edges, and protrusions.	uk	2	2

Product Information
Sorted by Product Type

Our Case Case	Product Other--Description	Mult	Age Prod	Approx Age	Cond	Description	Incident Hist	How Many	Age Grp
109 8809011bep0003	2 Slide was part of a large swing set.	n	0	0.1 3		Equipment was brand new, purchased the month before. No exposed bolts, metal tubular rungs (as opposed to steps) smooth metal.	y	1	5
65 880525bep0006	2	n	0	12.0 3			uk		2
38 880516bep0004	2	n	0	5.0 3			uk		2
135 881107bep0002	2	n	0	1.0 3			uk		2
163 880518bep0005	2	n	0	0.0 3			uk		2
48 880407bep0001	2 Access from side bars. Multipurpose equipment slides, climbing equip, ropes, etc. Double slide, 1 platform	n	0	1.0 3		Excellent condition	n		2
91 880629bep0003	2	n	0	0.0 3		Worn	uk		5
108 880608bep0001	2	n	0	0.0 3		No protrusions or sharp edges.	uk		5
32 880606bep00018	2	n	0	12.5 3		Excellent	uk		4
64 880515bep0001	2	n	0	20.0 3			uk		2
168 880419bep0004	2 Part of swing-slide combo.	n	0	4.0 3			uk		5
170 881002bep0002	2	n	0	0.0 3		Not stated.	uk		5
6 880510bep0009	3	n	0	0.0 4		Very old equipment which had been purchased used from school system.	uk		4
2 880701bep0001	3	n	0	0.0 2		Paint peeling and cracking off see-saw board.	uk		5
13 880411bep0003	3	n	0	4.0 2			uk		2
177 880921bep0005	3	n	0	0.0 2			uk		5
110 881027bep0003	3	n	0	20.0 3			uk		2
158 881015bep0001	3	n	0	0.0 3			uk		5
5 880809bep0006	3	n	0	0.0 2			uk		5
54 880418bep0001	3	n	0	20.0 2		See-saw board was cracked, but had been reinforced on bottom (not a factor in accident).	uk		2
156 881021bep0002	3	n	0	0.0 3			n		5
88 880524bep0005	3	n	0	14.0 4		No problems were reported by investigator see-saw balanced properly. Anchored in cement	uk		5
67 880720bep0008	4	n	0	1.0 3			n		5
113 880810bep0001	4	n	0	0.0 3		Part of gym set with vertical ladder & horizontal ladder. Rope ladder with plastic rungs.	uk		5
20 880617bep0008	4	n	0	0.0 4		Monkey bars	uk		5
159 880926bep0009	4	n	0	0.0 3		Wooden structure shaped like a boat.	uk		1
17 880627bep0005	4	n	0	0.0 4		Monkey bars	uk		5
35 880617bep0009	4	n	0	0.0 3		Pole portion of multiple climbing structure	uk		5

Product Information
Sorted by Product Type

Our Case	Product Other--Description	Mult	Age	Approx	Cond	Description	Incid	How	Age
Case			Prod	Age			Hist	Many	Grp
124 881130bep0001	4 Monkey bars	n	0	0.0 3			uk	1	
136 881014bep0001	4 Preschool platform equipment	n	0	2.5 3		A few rust spots.	uk	1	
176 880811bep0010	4 Monkey bars	n	0	0.0 4			uk	1	
25 880520bep0003	4 Monkey bars- vertical	n	0	0.0 3			uk	5	
59 880503bep0009	4 C-shaped tunnel ladder, part of a multi-use unit.	n	1	0.0 3			uk	5	
106 880808bep0006	4 "Monkey bars" were part of a swing set. Trade name of set was "T-Swing Climber."	n	0	0.2 3		New, sturdy construction. Some of the plastic caps for bolts missing due to climatic conditions.	n	5	
180 880829bep0002	4 Monkey bars	n	0	0.0 3			uk	5	
26 880519bep0004	4 Monkey bars	n	0	0.0 1		Rough surface	uk	5	
94 880606bep0001	4 Horizontal ladder portion of home multifunction gym w/ladder, slide, swing, rope climber, etc.	n	1	19.0 3		Brand new	n	5	
85 880810bep0002	4 Multi-function equipment - slide horizontal tire swings, platforms, vertical bars.	n	1	0.0 3		Some 'S' hooks holding tire swings not completely closed.	y	2	2
127 880830bep0003	4 Monkey bars	n	0	0.0 3			uk	2	
134 880707bep0004	4 Horizontal ladder	n	0	10.0 3			n	2	
147 881017bep0015	4 Horizontal ladder of swing set	n	1	0.0 3			n	4	
192 881005bep0001	4 Monkey bars	n	0	0.0 3			uk	2	
193 881217bep0001	4 Horizontal ladder, part of combination swing set	n	1	0.0 3			uk	5	
72 880606bep0016	4 Jungle gym	n	0	20.5 2		Metal was worn and rough, showed signs of rust.	uk	5	
77 880706bep0001	4 Monkey bars consisting of two 4 rung vertical ladder and overhead horizontal bars (13).	n	15	0.0 3		Had been painted red, but paint worn off rungs due to use. No rust. Overhead rungs smooth from use and wear.	uk	4	
44 880426bep0004	4 4 x 4 center vertical 8' wooden post with eight 'D' shaped, 1/4" diameter metal bars.	n	3	0.0 2		'D' bars were loose in post, attachment nuts needed tightening. Outside ends of bars could be moved 2-3".	n	5	
40 880520bep0007	4 Single horizontal metal turn bar, 10' 1.	n	1	0.0 3			uk	2	
33 880613bep0005	4 Multi-use climber with tireswing and slide.	n	0	15.0 3			uk	5	
34 880616bep0004	4 Horizontal climber part of swing set.	n	7	0.0 1		Unsafe	uk	2	
93 880813bep0003	4 Satellite - circular climbing equip.. Large globe which could be stood in, set at 15 deg. with vertical ladder surrounding central portion.	n	0	9.0 2		Worn - also water could collect on bottom dish (platform). No drainage allowance.	uk	5	

Product Information
Sorted by Product Type

Our Case	Product Other--Description	Mult	Age Prod	Age	Cond	Description	Incident Hist	How Many	Age Grp
60 880824bep0002	4 Horizontal ladder portion of swing set consisting also of swings, glider, and slide.	n	0	0.3	3	Brand new.	n	2	2
119 881201bep0001	4 Monkey Bars	n	0	0.0	2		uk	2	2
120 881006bep0001	4 Monkey Bars	n	0	0.0	3		uk	2	2
122 880914bep0002	4 Monkey Bars	n	0	0.0	3		uk	2	2
125 881026bep0002	4 "Monkey bar set"	n	0	0.0	2		uk	2	2
126 881025bep0003	4 Horizontal ladder	n	0	2.0	3		uk	5	5
130 881021bep0001	4 Monkey bars	n	0	0.0	3		uk	5	5
146 881111bep0003	4 Jungle gym: roughly hemispherical in shape.	n	0	15.0	3	Some of the rods of the structure appeared to be missing, and others were bent. However, the investigator reported that this did not affect the integrity or stability of the structure. Paint was chipping off in some places.	n	2	2
152 881013bep0002	4 Horizontal ladder (monkey bars)	n	0	0.0	2		uk	2	2
172 880506bep0004	4 Home jungle gym	n	2	0.0	3		uk	5	5
173 880728bep0011	4 Monkey bars	n	0	0.0	1		uk	2	2
175 880516bep0007	4 Monkey bars	n	0	0.0	3	Half rust, half paint.	uk	2	2
191 881010bep0001	4 Monkey bars	n	0	0.0	2		uk	5	5
10 880505bep0004	4 Monkey bars	n	0	0.0	4		uk	5	5
29 880425bep0006	4 Horizontal bar with rings for swinging.	n	0	23.0	2	The 4th bracket holding the 4th ring of horizontal bar had been repaired, and was somewhat wider, allowing for slightly more movement. This was the ring from which she slipped.	uk	2	2
50 880429bep0001	4 Climber/bridge/playground set of piping and logs.	n	0	10.0	3	Logs and piping, recessed bolts, securely set.	uk	5	5
58 880408bep0005	4 Parallel bars	n	0	9.0	3		uk	5	5
112 880918bep0002	4 Horizontal ladder (monkey bars)	n	0	31.0	3		y	2	2
115 880919bep0008	4 Monkey Bars	n	0	0.0	4		uk	5	5
118 881125bep0001	4 Monkey Bars	n	0	0.0	3		uk	2	2
128 881114bep0004	4 Monkey bars	n	0	0.0	2		uk	2	2
140 880901bep0004	4 Dome-shaped climber	n	0	0.0	3		n	2	2
143 881128bep0001	4 Arched ladder: upside down half-moon shape.	n	0	25.0	3		uk	2	2
148 880801bep0004	4 Wooden structures: train station, train, and water tower designs.	n	0	15.0	4		uk	5	5

Product Information
Sorted by Product Type

Our Case	Product Other--Description	Mult	Age	Approx Cond	Condition Description	Incident Hist	How Many	Age Grp
149 881202bep0001	Concrete tunnels	n	0	0.0	4	y	2	2
46 880422bep0005	Multi-purpose equipment slide, climbing bars, tire swings.	n	0	3.0	3	uk	2	2
47 880408bep0002	Monkey bars with bars only at top of unit (72" high), parallel to each other, unevenly spaced at 6". 6 1/2", 6 3/4", 7 1/2", 7 7/8", and 7 1/4" exterior dimensions 54" x 75"	n	0	32.0	3	uk	5	5
52 880427bep0002	Conical climbing bars	n	1	0.0	3	uk	2	2
132 880908bep0003	Horizontal ladder	n	0	15.0	3	n	2	2
41 880513bep0005	Vertical & horizontal bars	n	0	34.0	3	uk	2	2
89 880909bep0003	Horizontal and vertical ladders.	n	0	0.0	3	uk	2	2
129 881105bep0001	Horizontal triple pull-up bars.	n	0	0.0	3	uk	2	2
133 881004bep0006	Traveling rings accessed from platform.	n	0	5.0	3	n	2	2
55 880414bep0002	This was a "one-of-a-kind" playground, specially designed, with swings, slides, and poles. The part involved in incident was a corner pole of climbing apparatus.	n	4	0.0	3	y	1	2
96 880504bep0002	2 vertical posts, 7 ft. high, with rubber tires mounted slanted on posts, wooden boards at base.	n	0	0.5	3	No y	5	2
188 881205bep0001	Monkey bars	n	0	0.0	3	uk	2	2
189 881024bep0002	Multi-purpose exercise unit with horizontal ladder, metal cargo net, bars for push-ups, vertical ladder, balance beam.	n	0	0.0	3	uk	2	2
101 880713bep0002	Merry-go-round appears to have middle dome, gaps between seating.	n	0	2.5	3	uk	4	4
154 881011bep0006	Typical merry-go-round	n	0	0.0	1	uk	5	5
31 880602bep0005		n	0	0.0	3	uk	5	5
142 880913bep0001		n	0	0.0	3	uk	2	2

Product Information
Sorted by Product Type

Our Case	Product Other--Description	Mult	Age Prod	Age	Cond	Description	Incid Hist	How Many	Age Grp
53 880418bep0005	6 Merry-go-round	n	10	0.0	2	Worn paint, some rust, missing pump handle.	uk	5	5
131 881024bep0001	7 Spring action ride	n	0	0.0	2	Chipped paint.	uk	5	5
160 880715bep0016	9	n	0	10.0	3		uk	4	4
83 880708bep0001	9 Cable ride - steel cable supported by 2 vert. wood posts, with a trolley which rides on the cable, supporting a handle bar.	n	0	12.0	3	Handle bar grooved but worn smooth.	uk	4	4
145 881229bep0001	9 Support pole of basketball backboard.	n	0	0.0	3		uk	2	2
39 880523bep0005	10 Glider portion of swing set.	n	0	3.0	1	Overall product rusty, missing parts, projecting bolts, missing protective caps.	uk	5	5
102 880527bep0005	10 This is part of swing set with a 4-person and a 2-person glider, swings, and a slide. The "A-Frame" (support structure) was also involved. Glider is part of a combination swing set.	n	10	0.0	1	Glider seat broken, swings broken, slide base bent.	n	5	5
181 880906bep0009	10	n	0	0.0	3		uk	5	5
62 880603bep0004	10 Part of swing set.	n	2	0.0	3		uk	5	5
71 880714bep0002	10 Crossbar of swing set. Glider/pendulum swing with slide, swing, rope, 2-person glider.	n	0	15.0	3	Bought used, sandblasted and repainted with swings were replaced.	n	5	5
19 880610bep0007	10 Glider portion of swing set.	n	0	0.0	2	Glider may have had screws or bolts protruding.	uk	4	4
73 880719bep0002	10 Pendulum see-saw swing (glider n swing) portion of swing set.	n	1	0.0	3	Rust began to appear on chains holding two swings.	n	5	5
179 880823bep0002	10 Frame of home swing set with glider.	n	3	0.0	3		n	5	5
69 880628bep0001	10 Glider-4 person swing, part of swing set including 2 swings, glider, trapeze, seesaw & slide.	n	1	0.0	3	Purchased new 1 yr ago, 6 supports installed in cement, no sharp points or edges.	uk	5	5
80 880623bep0001	10 Swing set glider but called "teeter-totter" in report. Pictures show the former: a double seated unit attached to swing set in middle by overhead support.	n	0	2.0	3		n	5	5
49 880404bep0001	12 Playset including swings, slide, rings.	y	0	4.0	3		uk	5	5

Our Case Case	Product Other--Description	Product Information Sorted by Product Type				Incid How Age	
		Mult	Age Prod	Approx Age	Cond	Hist	Many Grp
18 880610bep0010	12 Swing and ring portion of a multipurpose swing set consisting of swings, glider-swing, ring lifts, ladder and slide.	Y	0	0.0	3	uk	2

Product Information (continued)
Sorted by Product Type

Our Case Case	Product Warnings, Labels, Signs	Comments Related to Product
56 880413bep0001	1 n	
178 880819bep0003	1 n	
24 880526bep0003	1 uk	Father stated equipment was for older children.
45 880427bep0001	1 n	
105 880831bep0005	1 uk	
111 880919bep0003	1 y	
7 880509bep0006	1 n	swings were not tot swings, regular metal swings
27 880531bep0006	1 uk	
28 880531bep0011	1 uk	
87 880913bep0014	1 n	
63 880804bep0002	1 uk	
107 880919bep0009	1 n	Swing set was placed approx. 3' from a concrete slab (remaining from old shed), which protruded 2" from ground, 8'x10'. Swing set was not anchored into ground.
116 881031bep0003	1 n	
187 880405bep0003	1 n	
12 880424bep0001	1 uk	
42 880623bep0003	1 n	
30 880517bep0009	1 n	Swing set sounds like for younger children , since doll was placed by child.
114 881123bep0001	1 n	
184 880725bep0003	1 n	
9 880506bep0006	1 y	Were warnings with original instructions-none that she could remember.
3 880701bep0003	1 uk	
90 881018bep0002	1 n	
121 880927bep0003	1 n	Swing set homemade, by community members, out of old pipes and a variety of other materials.
123 880920bep0014	1 uk	
165 881122bep0001	1 n	7 swings across common horizontal bar with 5 A-frames for support. Canvas swing seats, metal chains.
194 880717bep0001	1 n	
68 880609bep0002	1 uk	
15 880406bep0002	1 n	
4 880802bep0019	1 n	Not stated whether any specifications were followed or whether unit was made from any specific plans.
84 880927bep0006	1 n	
117 881003bep0002	1 uk	
76 880524bep0007	1 n	
37 880603bep0001	1 n	
23 880517bep0006	1 uk	
139 881109bep0002	1 n	Homemade swing set: wooden frame installed in concrete on dirt surface, 11' long 7.5' high, metal hooks and chains, flexible plastic seats, 11" off the ground. Plastic tire swing hanging from tree by rope.
183 880802bep0002	1 uk	
43 880601bep0006	1 n	
137 880602bep0011	1 n	
195 880725bep0006	1 n	
14 880410bep0001	1 uk	Rings the type to swing or do turns on while hanging from.

Product Information (continued)
Sorted by Product Type

Our Case Case	Product Warnings, Labels, Signs	Comments Related to Product
16 880630bep0001	1 n	No mention as to what swing was attached to.
21 880519bep0002	1 uk	Accident occurred in different city, so details are unknown as to product.
150 880927bep0015	1 uk	
190 881020bep0001	1 uk	
11 880430bep0001	1 n	Victim had same accident 2 yrs prior and broke right wrists. Not clear whether top bar is supposed to be used for climbing and acrobatics.
103 880920bep0007	1 uk	Swing set consisting of 5 swings: 3 between poles, 2 outside supports. Swings of black rubber, supported by metal chains.
157 881223bep0001	1 n	Swing set with four regular swings across 20'. Top of swing 50" below top support bar, bottom of swing 15" above ground.
66 880607bep0006	1 n	Products had to constantly be repaired because of vandalism.
61 880816bep0002	1 n	Maintenance supervisor said the swings are checked every few months. The seats were changed from metal to cloth to help prevent injury. Also, he stated that the chain links were large so as to prevent entrapment.
151 881004bep0007	1 n	Leather seat: 24" long, 6" wide, connected to chains by "S" hooks.
162 881209bep0001	1 n	Flexible leather seat.
144 881116bep0002	1 n	
182 880808bep0001	1 n	Width of steps 18.5", distance between steps 9.5", distance between 7th step and top of slide 10.5", distance between top of slide and handrail 32".
36 880620bep0001	2 n	Height of sliding board 9'7", approx. 20' long at 80 degree angle. Steps of ladder are 14.5" wide, 3.75" deep, approx 10" apart. Handrails 7/8" diameter, 16.75" apart.
161 880727bep0004	2 n	Step dimensions: height 9.75", width 14.5", 3.75 deep, slope approx 72 deg.
100 880831bep0004	2 n	To reach slide--- must climb enclosed ladder to platform which surrounds top of slide. Slide spirals down around enclosed ladder. Other children at site stated that slide is very fast and the sides as being too slow.
153 881006bep0003	2 n	The playground at McDonalds was built from corporation safety guidelines. A sign in clear view cautions & insists that adult supervision be provided to children using play area.
82 880609bep0005	2 n	There is a concrete slab directly under side platform: 87.5"x55"x10". The ladder consists of 7 metal rungs, which lead to wood platform, 66"x66". Rungs welded to column support. Dist. btw. 1st and 2nd rung 24", each higher is 11.5" above
81 880520bep0005	2 n	Equipment posts were anchored in exposed concrete. Investigator said, "product does not appear to meet voluntary playground standards."
79 880712bep0007	2 y	Maintenance was not good.
98 880706bep0005	2 n	
141 880912bep0021	2 n	
155 881127bep0001	2 n	
70 880511bep0001	2 n	
78 880625bep0001	2 n	
8 880508bep0003	2 n	
138 881219bep0001	2 n	
167 880615bep0004	2 n	Slide itself was not cause of injury, problem was glass in sand at end of slide.
171 880922bep0005	2 n	Access is by way of multiple wooden decks then metal ladders with steps, textured and enclosed. They are 14" wide and 8" deep. Two levels of handrails on each side, 5.5" circumference.

Product Information (continued)
Sorted by Product Type

Our Case	Product Warnings, Labels, Signs	Comments Related to Product
166 880906bep0002	2 n	Investigator found product in good condition with no problem. Step risers are 9.5" high.
57 880412bep0003	2 uk	Dimensions of synthetic turf under slide end: 68"x43", 1/2" thick.
22 880512bep0003	2 uk	Exposed end of bolts, side rails too low (2 3/8"), top rails over 14" too low, platform too short
86 880922bep0003	2 y	(2.5" not 10"), steps more than 11" apart (11 1/8"), slope angle more than 75 (80), steps smooth
74 880601bep0013	2 n	instead of slip resistant.
75 880509bep0007	2 n	
1 880711bep0012	2 uk	There was a sign saying "Not responsible for accidents."
99 880601bep0003	2 y	Height of platform 4'4", sliding board is 11'8" long, 6 rungs to climb up to platform, approx 1' apart.
164 881110bep0002	2 n	Slide itself was not cause of injury, she stubbed toe on ground.
169 880418bep0006	2 uk	Sign 10 feet away: "Slide down feet first only."
51 880509bep0004	2 y	"Warning: must be seated when using slide. Improper use may result in injury."
104 880820bep0001	2 y	Another accident occurred one week later, when another child fell from monkey bars, breaking her arm. Equipment was to be removed because parents felt it was too dangerous.
109 880901bep0003	2 n	
65 880525bep0006	2 n	7" distance between steps
38 880516bep0004	2 n	5" tread depth
		20" width of step
		handrail 1.25, grip size. All these characteristics are within guidelines.
135 881107bep0002	2 n	Overall height 9'2", 9 steps on ladder, 8.5" apart, all metal materials, width of chute, 18".
163 880518bep0005	2 n	Brochure supplied by mfr. had safety brochure.
48 880407bep0001	2 n	Instructional signs on playground, but the warnings were not visible from equipment.
91 880629bep0003	2 y	No real platform at top of slide.
108 880608bep0001	2 n	Playground had sign "use at own risk".
32 880606bep0018	2 n	Unusual steps to slide: central column with 4 tubular (1.25" dia) steps on right and 5 on left, irregularly placed. Both sets, 6.5" wide. Some of the steps do not look level, most are worn smooth.
64 880515bep0001	2 n	
168 880419bep0004	2 n	
170 881002bep0002	2 n	
6 880510bep0009	3 n	The see-saw has two positions (high) for older children, (low) for younger. It was set on high at the time.
2 880701bep0001	3 n	
13 880411bep0003	3 n	
177 880921bep0005	3 n	
110 881027bep0003	3 n	
158 881015bep0001	3 n	
5 880809bep0006	3 n	
54 880418bep0001	3 n	
156 881021bep0002	3 n	Detailed dimensions given in IDI, but not relevant to incident.
88 880524bep0005	3 n	

Product Information (continued)
Sorted by Product Type

Our Case Case	Product Warnings, Labels, Signs	Product	Comments Related to Product
67 880720bep0008	4	uk	Victim obviously too young for equipment except for swing. All proportions too large for her.
112 880810bep0001	4	uk	Mother stated that the incident was not the fault of the equipment.
20 880617bep0008	4	uk	
159 880926bep0009	4	uk	
17 880627bep0005	4	uk	
35 880617bep0009	4	uk	
124 881130bep0001	4	n	Victim was on platform with two railings made of 1" diameter piping. Lower railing 18" above platform, upper railing 24.5" above platform. Height from top railing to ground was 58.5".
136 881014bep0001	4	n	Installed before family moved to the home.
176 880811bep0010	4	uk	Tunnel functions as a ladder, with entrance and exit areas resembling a tunnel slide. Tunnel is fiberglass, handles/rungs inside are plastic.
25 880520bep0003	4	n	Welding, connections, bolt ends, chains etc. in accordance with recommendations in Commission's Handbook.
59 880503bep0009	4	n	
106 880808bep0006	4	n	
180 880829bep0002	4	uk	Rungs of ladder 14" apart.
26 880519bep0004	4	n	
94 880606bep0001	4	n	
85 880810bep0002	4	uk	Horizontal ladder 12' long, 67.5" high. Rungs 1" diameter, 14.75" across, and 12" apart except for the first one which is 13" from the vertical ladder.
127 880830bep0003	4	n	The instruction manual for the swing set is included with IDI, detailing installation, maintenance, and safety tips.
134 880707bep0004	4	n	
147 881017bep0015	4	n	
192 881005bep0001	4	n	Consisted of metal piping 4 1/4" circumference uprights, 3 1/2" horizontals. 96" tall. Each square of unit measures 22 1/2" x 22 1/2".
193 881217bep0001	4	n	Covered by Voluntary product standard PS 66075 Safety requirements for home playground equipment.
72 880606bep0016	4	n	
77 880706bep0001	4	n	
44 880428bep0004	4	n	
40 880520bep0007	4	n	
33 880613bep0005	4	uk	
34 880616bep0004	4	n	
93 880813bep0003	4	n	Horizontal ladder consisted of rungs 15"-13"-13"-13"-13"-15".
60 880824bep0002	4	n	Father stated that incident was not fault of the monkey bars.
119 881201bep0001	4	uk	
120 881006bep0001	4	uk	
122 880914bep0002	4	uk	
125 881026bep0002	4	n	
126 881025bep0003	4	n	
130 881021bep0001	4	n	Mother (eye-witness) said incident was not fault of monkey bars.
146 881111bep0003	4	uk	Center height 41", diameter at base 180". Pea gravel surface, enclosed area around structure by retaining walls composed of wood square beams, each 5.5", two beams high.

Product Information (continued)
Sorted by Product Type

Our Case	Product Warnings, Labels, Signs	Comments Related to Product
152 881013bep0002	4 n	Height 74", length 16'2", rungs 1.25" dia steel pipe, place 12" apart frame pipes 2.5" dia steel, 18" apart, steps for vertical ladder 10" and 22" high.
172 880506bep0004	4 n	
173 880728bep0011	4 n	
175 880516bep0007	4 uk	
191 881010bep0001	4 n	
10 880505bep0004	4 uk	
29 880425bep0006	4 uk	
50 880429bep0001	4 n	
58 880408bep0005	4 n	
112 880918bep0002	4 n	
115 880919bep0008	4 uk	
118 881125bep0001	4 uk	
128 881114bep0004	4 n	
140 880901bep0004	4 n	Monkey bars 2'wide x 12'long x 7'2" high, 11 rungs, 11" apart.
143 881128bep0001	4 n	There were two dome-shaped units on the playground, and school officials did not know exactly which was involved in incident. Investigator noted that with the exception of the asphalt surface the apparatus appeared to conform to NRS.
148 880801bep0004	4 n	This wooden structure designed as a train station may or may not have been intended for climbing to the roof, as the victim did. The investigator notes CPSC guidelines for elevated surfaces and guard rails: structure not in compliance. Concrete tunnels are conduit pipes as commonly used in road construction. 7 in play area. All approx 8' in length, ranging from 20-36" inside dia. and 30-49" outside dia. They are painted with heavy duty enamel. Unable to read copied datanotes.
149 881202bep0001	4 n	No warnings present but info was sent. Horiz. ladder is 24' long, 7.3' high. Vert. ladder has 4 steps of 1" galvanized piping, welded to supports, 24" apart. All support structures are of 2.5" galvanized piping with "L" fittings, set in concrete.
46 880422bep0005	4 uk	
47 880408bep0002	4 uk	
52 880427bep0002	4 n	
132 880908bep0003	4 n	
41 880513bep0005	4 n	Meets CPSC handbook specs.
89 880909bep0003	4 n	
129 881105bep0001	4 uk	
133 881004bep0006	4 n	Three horizontal pull-up bars connected in a line. Heights: 60", 70", 80". All 60.5" across, with 2.5" diameters.
55 880414bep0002	4 n	
96 880504bep0002	4 uk	
188 881205bep0001	4 n	
189 881024bep0002	4 uk	
101 880713bep0002	4 y	There was a sign indicating use was appropriate for all ages. The horizontal ladder had 10 bars set 12" apart, 1 3/8" diameter outside, they were smooth but not slippery.
154 881011bep0006	6 uk	
31 880602bep0005	6 n	

Product Information (continued)
Sorted by Product Type

Our Case Case	Product Warnings, Labels, Signs	Comments Related to Product
142 880913bep0001	6 uk	Metal merry-go-round, total diameter of 10'1", height above ground 1'2". Victim was sitting at area of Merry-go-round where pump handle was missing. The spring ride has a round center on springs with 4 poles, each with an animal on the end, extending 3.25' from center. Foot rest on animal is 1.5' high and tallest part of animal is 3' high, from ground level.
53 880418bep0005	6 uk	
131 881024bep0001	7 n	
160 880715bep0016	9 uk	Trolley had 2 plastic/rubber wheels 2" wide w/ 1" groove 1/2" deep. There was an area between wheels and frame where cable became trapped on either side of wheels. Investigator was able to wedge cable in trolley.
83 880708bep0001	9 n	
145 881229bep0001	9 uk	Two uncapped screws on combination swing set frame were cause of injury. Glider hung from overhead 2.25 inches.
39 880523bep0005	10 n	
102 880527bep0005	10 n	
181 880906bep0009	10 n	
62 880603bep0004	10 n	
71 880714bep0002	10 n	
19 880610bep0007	10 n	
73 880719bep0002	10 n	
179 880823bep0002	10 n	
69 880628bep0001	10 n	
80 880623bep0001	10 n	
49 880404bep0001	12 n	
18 880610bep0010	12 n	

Environment Information
Sorted by Product Type

Our Case	Product Location	Weather	Description of Surface	Age-Separ	Description of Age-Separation	Adult Superv	Description of Adult Superv	
Case					Separ of Equipment			
56 880413bep0001	1	3	1	rubber mats, 1/2" thick	y	y	Swings are set off by fence. Appear (from photos) to be for younger children.	27 year old uncle 40 ft from children.
178 880819bep0003	1	1	1	dirt	n	y		Father was with child.
24 880526bep0003	1	3	1	concrete	uk	y		
45 880427bep0001	1	1	1	grassy surface, 15', 1 1/2" deep	n	n		
105 880831bep0005	1	3	1	concrete, entire area	n	y		Parent
111 880919bep0003	1	3	1	grassy surface over hard packed dirt	y	y	Park area for children under 7, sign stated this at entrance.	Babysitter
7 880509bep0006	1	1	1	dirt 2 ft.	n	y		One of her parents, not sure if it was mother or father.
27 880531bep0006	1	8	1	hard dirt	n	n		9 yr old brother and 5 yr old sister were with victim.
28 880531bep0011	1	2	1	dirt under swings- grass elsewhere	n	y		There were adults present in the yard.
87 880913bep0014	1	3	1	1/4" synthetic mat, over asphalt	y	y	Separated by fence all around swing area	Father sitting 75 feet away
63 880804bep0002	1	3	1	smooth stone, gravel 8" deep, 10' perimeter of swings	uk	y		Mother
107 880919bep0009	1	2	1	grass covered yard	n	n		Grandmother was inside house, making dinner.
116 881031bep0003	1	1	1	grass	n	y		Mother
187 880405bep0003	1	1	1	dirt, 10 ft.	n	n		
12 880424bep0001	1	2	1	dirt 4 ft.	n	n		
42 880623bep0003	1	3	1	Area under swings corked 3/8" thick	n	y	Swing area appears, however, from photos to be fenced.	
30 880517bep0009	1	3	1	dirt	n	y		Adult neighbors were at playground, not stated whether they viewed accident.
114 881123bep0001	1	3	1	gravel	n	y		2 adults
184 880725bep0003	1	2	1	dirt	n	n		Grandmother was outside.
9 880506bep0006	1	1	1	dirt	n	y		Adult aunt
3 880701bep0003	1	1	1	dirt	n	y		Parent (mother) and aunt watching from window.
90 881018bep0002	1	1	1	hard ground, some grass, 30'	n	y		Lots of people at a picnic, about 20 children and 30-40 adults, but no direct supervision of victim at time of incident.
121 880927bep0003	1	3	1	dirt, entire area	n	y		Teachers were on playground.
123 880920bep0014	1	5	1	wood chips, 5-6" deep, 15' around equip.	uk	y		

Environment Information
Sorted by Product Type

Our Case	Product Location	Weather	Description of Surface	Age- Separ	Description of Age-Separation	Adult Superv	Description of Adult Superv
165 881122bep0001	1	5	asphalt 1/2-1" deep, deteriorated significantly	n	But children in this group are not allowed to play on slide.	y	Teaching aide
194 880717bep0001	1	3	rubber mats, 1/2" thick, 14' behind, 12' in front of swings	y	Swings were in separate area for older children, fence enclosed the area.	y	
68 880609bep0002	1	3	unknown	uk		uk	Babysitter at home -- not stated whether adults present.
15 880406bep0002	1	4	wood chips, mulch	y	Playground is separated for different age groups, however, no mention of divisions or in which area tire swing was.	y	Day care worker
4 880802bep0019	1	3	asphalt	n		uk	It is unclear, there may have been adults present.
84 880927bep0006	1	1	dirt, some grass	n		n	2 adults
117 881003bep0002	1	4	dirt, grass, sand	uk		y	Teacher and aide on playground
76 880524bep0007	1	5	grass 45', 1/2" thick	n	Investigator says yes but shows no evidence of this--equipment is separate from each other but does not appear age divided.	y	
37 880603bep0001	1	3	1/4" rubber/vinyl mat	n		y	Aunt
23 880517bep0006	1	5	dirt	n		y	Adult supervising.
139 881109bep0002	1	5	dirt, grass	y	This equipment for K-3. There was another playground on other side of building for the older children.	y	Coach
183 880802bep0002	1	1	grass and dirt, entire yard	n		y	Father
43 880601bep0006	1	3	worn dirt and pea gravel under swing, grass around area	n		y	
137 880602bep0011	1	1	grass.	n		n	
195 880725bep0006	1	8	asphalt	n		n	
14 880410bep0001	1	2	grass	n		n	
16 880630bep0001	1	1	grass	n		y	2 adults
21 880519bep0002	1	5	grassy area	n		uk	
150 880927bep0015	1	8	concrete 16'x 12', 6" deep	y	Adult and toddler swings. Mother said there was separate equipment for older and younger children.	n	
190 881020bep0001	1	5	grass	y		n	
11 880430bep0001	1	1	grass 10 ft	n		n	Victim was with friends of same age.
103 880920bep0007	1	3	rubber mats, 1/2" thick, 5' each in front and back of swings	n	Swings did appear, however, to be for younger children.	n	

Environment Information
Sorted by Product Type

Our Case	Product Location	Weather	Description of Surface	Age-Separ of Equipment	Adult Superv	Description of Adult Superv	
157 881223bep0001	1	5	2	mix of black dirt and fine cut wood chips, 7" deep	n	Y	Playground monitor
66 880607bep0006	1	3	4	rubber mats 1" thick, on top of asphalt, extend 3' fr swings	Y	n	Swings for smaller children are in separate area.
61 880816bep0002	1	3	1	grass	n	Y	Adults present about 20 feet away, picnic.
151 881004bep0007	1	5	1	sand, 6' diameter	Y	Y	Monkey bars for older children in separate area.
162 881209bep0001	1	5	1	sand (but ground was icy)	n	Y	Playground monitor
144 881116bep0002	1	5	1	dirt, embedded with rocks, 12' distance	n	Y	One teacher for approximately 20 children.
182 880808bep0001	1	3	1	wood chips	n	Y	2-3 adults
36 880620bep0001	2	3	1	hard packed dirt, w/ some embedded stones, esp landing area.	n	Y	Parents present and participating in child's descent down slide, father at top, mother at bottom.
161 880727bep0004	2	7	1	synthetic turf, 1/2" thick	n	Y	Mother was at bottom of slide to "catch" child.
100 880831bep0004	2	3	2	dirt, sand	n	Y	
153 881006bep0003	2	3	1	grass, entire area	Y	n	"Big" and "Small" equipment on opposite sides of playground.
82 880609bep0005	2	8	2	dirt around slide, grass elsewhere.	n		
81 880520bep0005	2	3	1	sand 2/3" deep, extend 4' from perimeter of slide	Y	Y	Father
79 880712bep0007	2	7	4	playground area covered with carpeting.	n	n	Separated areas for tots:younger children's area is fenced in, the spiral slide is in this area.
98 880706bep0005	2	3	1	3" deep gravel over hard ground, concrete slab under plat.	Y	Y	All equipment was "young child" oriented, but slide was separated by fence.
141 880912bep0021	2	3	1	dirt	n	Y	Victim being watched by 13 year old while their mothers were inside.
155 881127bep0001	2	8	1	sand, 3-4" deep, 10' distance	n	Y	Mother was child, approx. 15' away at time of the accident.
70 880511bep0001	2	3	1	grass, but some bare dirt areas, esp. under slide	uk	Y	Mother, Aunt
78 880625bep0001	2	6	1	sand, 2" deep, extend. 5' from perimeter of equipment	n	Y	Father
8 880508bep0003	2	3	1	asphalt	uk	Y	Adult friend of aunt
138 881219bep0001	2	1	1	grass	n	Y	2 adults on playground
167 880615bep0004	2	3	1	sand, with broken glass	n	Y	Mother

Environment Information
Sorted by Product Type

Our Case	Product Location	Weather	Description of Surface	Age- Separation	Description of Age-Separation	Adult Superv	Description of Adult Superv
171 880922bep0005	2	3	1	sand, 5-6" deep, extending 10' n	n	y	2 adults with 4 kids
166 880906bep0002	2	3	1	asphalt, entire playground	y	y	
57 880412bep0003	2	3	1	rubber mat, 2.5" thick, extend 3' fr. equipment	y	y	Mother was sitting on bench in front of slide.
22 880512bep0003	2	5	1	grass	n	y	Adults present not clear as to whether accident was witnessed.
86 880922bep0003	2	3	1	3-6" sand over entire play area	y	y	Mother
74 880601bep0013	2	3	1	synthetic turf under end, w/soft sand 35' dia of entire slide	n	y	1 teacher and 4 adults
75 880509bep0007	2	5	1	concrete	n	y	Several on playground
1 880711bep0012	2	7	4	concrete	n	y	Mother and father
99 880601bep0003	2	3	1	dirt and gravel, 10' beyond perimeter	n	y	Mother nearby.
164 881110bep0002	2	3	1	sand 12" deep, 5-12' distances n	n	y	Mother
169 880418bep0006	2	3	4	uk	uk	uk	
51 880509bep0004	2	5	1	sandy: 4" deep, 39'6" total perimeter	n	y	3 adults on playground.
104 880820bep0001	2	5	1	sand 6'x9', 12" deep	n	y	Father and other parents.
109 880901bep0003	2	1	1	dirt and grass	n	n	
65 880525bep0006	2	5	2	hard earth near slide, grass elsewhere	uk	y	Teachers & aides on playground.
38 880516bep0004	2	3	1	rubber mat 3/4" thick, 2" dia. n	n	y	Father near slide, distance not stated.
135 881107bep0002	2	5	1	hard ground, embedded with stones	uk	y	Teachers--approx. 20 children per teacher.
163 880518bep0005	2	4	1	dirt with bark approx 1/2" thick	y	y	Playground supervisor
48 880407bep0001	2	5	1	pea gravel 6" deep	n	n	Babysitter (non-adult) viewed accident.
91 880629bep0003	2	7	1	rubber mat, 1" thick 50" x 50" n	n	y	Two aunts present.
108 880608bep0001	2	5	1	dirt, grass	y	n	
32 880606bep0018	2	6	1	sand 4' distance, 5" deep, no debris	n	n	
64 880515bep0001	2	5	1	bark, woodchips: 3.5' beyond perimeter of equipment	y	n	Slides separate, tot equipment separate.
168 880419bep0004	2	3	2	sand	n	n	
170 881002bep0002	2	3	2	gravel for 2' then dirt for another 1-2'	n	n	

Environment Information
Sorted by Product Type

Our Case Case	Product Location	Weather	Description of Surface	Age- Separ of Equipment	Adult Superv	Description of Adult Superv
6 880510bep0009	3	1	grass	n	y	Father was outside.
2 880701bep0001	3	2	grassy	n	y	Mother
13 880411bep0003	3	8	grassy	n	y	Mother
177 880921bep0005	3	3	dirt, grass	n	y	1 adult, 3 kids
110 881027bep0003	3	5	pea gravel, 5" deep, 30' perimeter	y	y	2 teachers
158 881015bep0001	3	3	dirt, grass, some bark chips	uk	y	Grandmother
5 880809bep0006	3	4	grass and dirt	n	n	
54 880418bep0001	3	3	grass, hard packed dirt, 6'	y	y	Girl scout leader
156 881021bep0002	3	3	grass with rocks	n	n	
88 880524bep0005	3	4	grass worn to packed dirt	uk	y	Adult sitting 20 feet away at picnic table.
67 880720bep0008	4	1	grass but worn away under vertical ladder	n	n	
113 880810bep0001	4	8	dirt	n	y	Mother
20 880617bep0008	4	4	sand	uk	y	2 adults
159 880926bep0009	4	3	dirt, entire area	uk	y	Mother
17 880627bep0005	4	3	dirt	uk	y	
35 880617bep0009	4	3	hard ground covered by thin layer of sand	n	n	Father one foot away
124 881130bep0001	4	4	sand 4" deep, entire area	n	y	One teacher for 20 3-4 year olds.
136 881014bep0001	4	4	hard, dry dirt	n	y	
176 880811bep0010	4	4	bark	uk	y	
25 880520bep0003	4	1	concrete	n	n	
59 880503bep0009	4	3	sand - 6' area	n	y	Mother was sitting near edge of playground equipment. Parents and other relatives.
106 880808bep0006	4	1	dirt, sand, and mostly small gravel	n	y	
180 880829bep0002	4	4	concrete, entire area	uk	y	
26 880519bep0004	4	2	dirt	n	y	
94 880606bep0001	4	1	grassy area	n	y	Family picnic was going on. Mother was on platform at opposite end of horizontal bars.
85 880810bep0002	4	5	gravel 3-4" deep, 7'	uk	y	
127 880830bep0003	4	1	gravel	uk	y	Teacher outside for recess.
134 880707bep0004	4	5	sand, 12" deep, 60'L x 41'W	y	y	Mother
147 881017bep0015	4	1	grass, entire yard	n	n	
192 881005bep0001	4	5	dirt	uk	y	
193 881217bep0001	4	1	grass	n	y	Mother had just gone inside.
72 880606bep0016	4	3	packed dirt and gravel	uk	y	Large group of adults.

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Environment Information
Sorted by Product Type

Our Case	Product Location	Weather	Description of Surface	Age- Separ of Equipment	Adult Superv	Description of Adult Superv	
77 880706bep0001	4	8	1	hand packed dirt under equipment	n	y	Father
44 880426bep0004	4	8	1	concrete base 1'2", asphalt 4'8"	n	n	
40 880520bep0007	4	5	1	hard packed dirt over entire playground	n	y	2 adults supervising playground.
33 880613bep0005	4	3	1	dirt covered with wood chips, no debris	n	y	Mother sitting on bench outside play area.
34 880616bep0004	4	1	1	hard ground, some grass, bits of gravel	n	y	Mother was sitting at table nearby.
93 880813bep0003	4	3	2	asphalt - 6 feet	n	y	Friend of family
60 880824bep0002	4	1	1	grass	n	y	3 adults in yard.
119 881201bep0001	4	5	1	rough asphalt	uk	y	Adult and several children in area.
120 881006bep0001	4	5	1	dirt over entire area	uk	y	Teacher present.
122 880914bep0002	4	2	1	concrete	n	y	2 adults, 2 children present.
125 881026bep0002	4	5	1	asphalt, entire area	n	y	Teacher on playground.
126 881025bep0003	4	2	1	dirt	n	n	
130 881021bep0001	4	3	1	sand, 5" deep, extending 4' beyond perimeter of equipment	n	y	Mother
146 881111bep0003	4	5	1	pea gravel (approx 1/2" dia.), 8-10" deep	y	y	Five playground monitors for lunch recess.
152 881013bep0002	4	5	1	rubber mats, 12" each side, 1" n deep	y	y	
172 880506bep0004	4	1	1	hard pan	n	y	Mother watching from house.
173 880728bep0011	4	3	1	concrete with scattered broken glass	n	y	
175 880516bep0007	4	5	1	hard dirt	uk	uk	Mother said there is supposed to be an adult supervising on playground, but could not be sure there was one there at the time.
191 881010bep0001	4	8	1	sand, 3-10 ft., 2 ft. deep	n	n	15-20 kids of various ages but no adults.
10 880505bep0004	4	5	4	unknown	uk	n	
29 880425bep0006	4	5	1	sand - 38" wide, 6" deep	n	y	2 adults supervising.
50 880429bep0001	4	5	1	pebble/sand mix 3-4" deep, area 29.5x50'	n	y	Teacher on playground.
58 880408bep0005	4	3	1	hardground with thin layer of pea gravel	uk	n	
112 880918bep0002	4	5	1	hard packed coarsed sand, uneven, 22' long x10' wide at bars	n	n	Phone interview differed from investigator, said supervision by 1 adult.

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Environment Information
Sorted by Product Type

Our Case	Product Location	Weather	Description of Surface	Age-Separation of Equipment	Adult Superv	Description of Adult Superv
115 880919bep0008	4	3	1	uk	n	Teachers outside for recess.
118 881125bep0001	4	5	1	y	y	There are two sets of monkey bars, one 4-5' high for younger children and one 8-10' high for older children.
128 881114bep0004	4	8	1	n	n	A teacher's aide was supposed to be supervising, but when questioned for investigation, school officials were not sure that the aide had been there.
140 880901bep0004	4	5	1	y	uk	Two teachers for 40 children. Mother, but she was reading a book.
143 881128bep0001	4	5	1	n	y	Playground aide
148 880801bep0004	4	3	1	n	y	Teacher was on duty.
149 881202bep0001	4	5	1	n	y	Adult male neighbor accompanied children to playground.
46 880422bep0005	4	5	1	uk	y	2 adults
47 880408bep0002	4	3	1	y	y	Playground supervisors and teachers.
52 880427bep0002	4	5	1	n	y	4 playground supervisors
132 880908bep0003	4	5	1	y	y	Attendant on duty about 100 yards away.
41 880513bep0005	4	5	1	y	y	2 adults
89 880909bep0003	4	5	1	y	y	4 adults present.
129 881105bep0001	4	5	1	uk	y	Teacher supervising.
133 881004bep0006	4	5	1	y	y	School teacher on playground.
55 880414bep0002	4	5	1	n	y	Two adults supervising recess.
96 880504bep0002	4	5	1	n	y	Teachers during recess.
188 881205bep0001	4	5	3	n	y	Camp counselors nearby.
189 881024bep0002	4	5	1	y	y	
101 880713bep0002	4	6	1	n	y	
154 881011bep0006	6	3	4	uk	uk	
31 880602bep0005	6	3	1	n	n	

Environment Information
Sorted by Product Type

Our Case Case	Product Location	Weather	Description of Surface	Age- Separ of Equipment	Adult Superv	Description of Adult Superv
142 880913bep0001	6	5	1 dirt for 12" then bark chips beyond gravel, 1-4" deep variable	n	y	2 adults present.
53 880418bep0005	6	3	1 sand, 30"x60", 2" deep dirt, entire area	y	n	Tot-lot surrounded by separate fence, single entry.
131 881024bep0001	7	3	1 sand, 30"x60", 2" deep dirt, entire area	n	y	Mother
160 880715bep0016	9	6	1 grass worn over packed dirt 10 y ft.	n	y	2-3 adults
83 880708bep0001	9	3	1 asphalt	n	n	
145 881229bep0001	9	5	1 soft grassy area in backyard	uk	n	Grandfather
39 880523bep0005	10	2	1 entire yard grass covered	n	y	Father was in the yard.
102 880527bep0005	10	1	1 grass, entire yard	n	y	Mother checked only periodically from kitchen window.
181 880906bep0009	10	1	1 dirt	n	y	
62 880603bep0004	10	2	1 grass	n	n	
71 880714bep0002	10	1	1 grassy	n	n	
19 880610bep0007	10	2	1 dirt, grass (mainly grass w/some bare spots)	n	n	Father had been supervising (watching from back porch) but had to answer phone inside.
73 880719bep0002	10	1	1 grass, entire yard	n	y	Father was out working in the yard.
179 880823bep0002	10	1	1 grassy-entire area	n	n	Mother in kitchen which overlooked yard.
69 880628bep0001	10	1	1 grassy 3" high	n	y	Aunt sitting on bench nearby.
80 880623bep0001	10	2	1 grassy, 10 ft	n	n	
49 880404bep0001	12	1	1 dirt and sparse grass over entire area	n	n	
18 880610bep0010	12	2		n	n	

Environment Information (continued)
Sorted by Product Type

Our Case Case	Product Viewed	Description of Accident View	Social Situation	Comments on Environment
56 880413bep0001	1	Uncle	4	
178 880819bep0003	1	Victim's "teenage" mother was occupant of swing.	2	
24 880526bep0003	1	Father was distracted by ball game nearby, but his attention was called by friend regarding impending accident.	2	Child on swing was unable to avoid hitting victim who walked in front of swing.
45 880427bep0001	1	By 10 yr old sister.	3	
105 880831bep0005	1	Parent	2	There were several children playing on the swings, aged 6-15. Victim was hit by a swing used by a 14 year old female.
111 880919bep0003	1		2	
7 880509bep0006	1		1	
27 880531bep0006	1	Brother and sister	4	
28 880531bep0011	1		5	
87 880913bep0014	1		4	
63 880804bep0002	1		4	
107 880919bep0009	1	There were many other children playing in the yard: five neighbors' kids (previous owners of set) and victim's 6 yr old brother.	2	
116 881031bep0003	1	Mother	1	
187 880405bep0003	1		1	
12 880424bep0001	1		1	
42 880623bep0003	1		2	Child was walking to area where Mom was seated. She called to her due to other children in swing area behind victim. Victim moved forward into swing's path.
30 880517bep0009	1		2	
114 881123bep0001	1	2 adults	2	Three of the four children in the group with the adults were playing on the horse swings.
184 880725bep0003	1		3	
9 880506bep0006	1	Grandmother was picking up trash.	2	There were 6 children outside by playground equipment in addition to victim's brother, sister and 4 nephews.
3 880701bep0003	1	By aunt	5	
90 881018bep0002	1	See above.	3	
121 880927bep0003	1		4	
123 880920bep0014	1	Teachers were unaware of incident at first.	4	
165 881122bep0001	1		4	Head Start program located at an elementary school.
194 880717bep0001	1		4	
68 880609bep0002	1		5	
15 880406bep0002	1		2	One child was on tire swing victim and three other children of same age were pushing child.

Environment Information (continued)
Sorted by Product Type

Our Case	Product Viewed	Description of Accident	View	Social Situation	Comments on Environment
4 880802bep0019	1	uk		4	Victim was walking by swing - indirectly involved with child on swing.
84 880927bep0006	1	n		1	Victim alone in backyard.
117 881003bep0002	1	y		4	
76 880524bep0007	1	n		4	Incident not recorded, so school has no information on accident.
37 880603bep0001	1	n		5	No other children involved.
23 880517bep0006	1	y		2	Victim was being pushed on swing by his sister.
139 881109bep0002	1	y		3	
183 880802bep0002	1	n		5	
43 880601bep0006	1	uk		5	Phone interview conflicts with report - states mother & child only present, brother not mentioned.
137 880602bep0011	1	n		1	
195 880725bep0006	1	n		5	
14 880410bep0001	1	n		5	
16 880630bep0001	1	uk		2	Brother on swing.
21 880519bep0002	1	uk		2	
150 880927bep0015	1	y	12 year old male	2	
190 881020bep0001	1	y	11 year old sister	3	
11 880430bep0001	1	n		1	
103 880920bep0007	1	uk		4	
157 881223bep0001	1	n		2	Noon recess for 5th and 6th graders.
66 880607bep0006	1	n		1	No children nearby.
61 880816bep0002	1	n		2	Victim was being pushed by cousin.
151 881004bep0007	1	n		4	
162 881209bep0001	1	uk		5	
144 881116bep0002	1	y		4	Investigator stated that maintenance of the equipment and ground surface was somewhat deficient. At the time of the on-site, one month after incident, the swing was still broken.
182 880808bep0001	1	y	Father	5	
36 880620bep0001	2	y	Mother and Father.	5	
161 880727bep0004	2	n		4	It was a very hot day, so the metal slide had gotten very hot.
100 880831bep0004	2	y	Teacher had looked away but turned back just in time to see victim fall.	4	
153 881006bep0003	2	y	By children in play area.	4	Not stated whether other children were on equipment -- i.e., going down slide section.
82 880609bep0005	2	y		4	
81 880520bep0005	2	y	By father.	5	
79 880712bep0007	2	y	By 13 year old, from below.	2	The whole area was covered by outdoor carpeting. But the separate slide area has 12" of pine wood chips over 8" layer of river gravel, extending 4.5' from perimeter of slide.
98 880706bep0005	2	y	Mother	4	No children in immediate slide area.
141 880912bep0021	2	y	Mother	1	
155 881127bep0001	2	y	Father was sitting at bottom of slide and caught her as she fell.	4	

Environment Information (continued)
Sorted by Product Type

Our Case Case	Product Viewed	Description of Accident View	Social Situation	Comments on Environment
70 880511bep0001	2	13 year old brother and adult.	4	
78 880625bep0001	2	uk	4	
8 880508bep0003	2	9 ear old relative.	5	7-8 children in play area not involved with victim. 9 or 10 year old relative was at park with victim--didn't state whether she was playing on equipment or nearby.
138 881219bep0001	2	Y	3	
167 880615bep0004	2	Y	5	
171 880922bep0005	2	n	3	
166 880906bep0002	2	n	5	
		She had "snuck" away from her mother to use the larger slide.		
57 880412bep0003	2	n	4	
22 880512bep0003	2	uk	3	
86 880922bep0003	2	Y	4	3 kindergarten classes out at recess at same time. Two children on equipment slide unit, but not near victim.
74 880601bep0013	2	Y	4	Both slide and play area very crowded. Children just arrived at park after long trip on train and were anxious to play.
		Teacher and adults viewed him go down slide. They did not witness where or how finger cut occurred.		
75 880509bep0007	2	n	3	
		Recess, several kindergarden classes on playground many children on slide.		
1 880711bep0012	2	Y	4	Not stated as to whether her two older sisters were on same equip.. They were spoken of as playing with her, but not necessarily on the same equipment.
		Mother & father		Other children had apparently thrown dirt and stones onto slide, but the material remained at the bottom. This area was not involved in accident.
99 880601bep0003	2	n	4	
164 881110bep0002	2	n	4	
169 880418bep0006	2	uk	5	
51 880509bep0004	2	n	4	
104 880820bep0001	2	Y	2	
109 880901bep0003	2	n	2	
		Father.		Another child was chasing victim at time of accident, playing a game of tag, but was not on equipment.
65 880525bep0006	2	uk	3	Unclear. Victim changed story from someone pushing him to someone being under board.
38 880516bep0004	2	Y	5	
135 881107bep0002	2	n	3	
163 880518bep0005	2	Y	3	
48 880407bep0001	2	Y	2	12" deep pea gravel was recommended by manufacturer.
91 880629bep0003	2	n	4	Not stated where other children were.
		The adults were distracted by other children.		
108 880608bep0001	2	Y	3	
		There were other boys with him (likely of same age).		Victim's brother was playing nearby, along with other children in the slide area.
32 880606bep0018	2	n	4	
64 880515bep0001	2	Y	4	It was not stated exactly where the victim's friend was.

Environment Information (continued)
Sorted by Product Type

Our Case Case	Product Viewed	Description of Accident View	Social Situation	Comments on Environment
168 880419bep0004	2	n	1	
170 881002bep0002	2	y	4	Victim was with 3 friends of approx. same age.
6 880510bep0009	3	n	3	Father was working in garden, did not witness fall. One of the older boys was on other end of see-saw mother felt he may have been clowning around at the time. He could have contributed to accident. She didn't know which of her older sons (7 yr old-60lbs or 10 yr old-90lbs) was on see-saw.
2 880701bep0001	3	y	4	Brother was being picked up by mother who had let go of victim's hand to do so.
13 880411bep0003	3	n	4	4 other playmates in the area.
177 880921bep0005	3	n	3	
110 881027bep0003	3	n	2	Victim was not using equipment, another child precipitated the incident.
158 881015bep0001	3	y	3	Victim was walking with friend (7yr old) toward other equipment when accident occurred.
5 880809bep0006	3	n	2	Victim on one side of see-saw, another 8 yr old girl on other end.
54 880418bep0001	3	n	3	Other children at other end of see-saw, similar size, jumped off opposite end.
156 881021bep0002	3	n	2	Five other children were also on gym set at opposite end of horrrizontal ladder.
88 880524bep0005	3	n	2	
67 880720bep0008	4	y	3	Child was imitating older siblings in her attempts at climbing.
113 880810bep0001	4	y	5	Children using main climbing unit. Some large rocks noted in playground area.
20 880617bep0008	4	n	5	There were about 25 2-3 year olds using the large play area.
159 880926bep0009	4	y	5	There were two other children in same age range playing on monkey bars.
17 880627bep0005	4	y	5 3	
35 880617bep0009	4	y	3	Three other children on monkey bars. No one was on gym with child.
124 881130bep0001	4	uk	2	
136 881014bep0001	4	n	3	
176 880811bep0010	4	n	3	
25 880520bep0003	4	n	3	
59 880503bep0009	4	n	4	
106 880808bep0006	4	y	3	
180 880829bep0002	4	uk	5	
26 880519bep0004	4	uk	2	
94 880606bep0001	4	n	5	
85 880810bep0002	4	n	5	
127 880830bep0003	4	y	3	Several children saw the fall.

Environment Information (continued)
Sorted by Product Type

Our Case Case	Product Viewed	Description of Accident	View	Social Situation	Comments on Environment
134 880707bep0004	4	Y	Mother only saw the incident "out of the corner of her eye" not realizing initially that he was hurt.	2	There was a little league baseball game going on nearby, so there were many parents and children around park area.
147 881017bep0015	4	n		1	
192 881005bep0001	4	y		4	Victim was part of after school day care group for kindergarten kids. They liked to play on the older kid's equipment.
193 881217bep0001	4	n		4	Not clear whether children were on same equipment or other. About 12 in area. It was a graduation party.
72 880606bep0016	4	n		4	Other children in play area. A few where on the other side of the monkey bars. There was grass with small stones covering the rest of the play area.
77 880706bep0001	4	y	Father	4	The other children involved are of unknown age or size.
44 880426bep0004	4	n		2	4 other children on turning bar. Victim stated space was limited.
40 880520bep0007	4	n		3	Victims 8 yr old brother was present at time of accident.
33 880613bep0005	4	n	Vision blocked by equipment.	4	
34 880616bep0004	4	y		1	Child thought someone was shaking equipment.
93 880813bep0003	4	n		3	6 other children in yard.
60 880824bep0002	4	n		3	
119 881201bep0001	4	y		3	
120 881006bep0001	4	uk		3	
122 880914bep0002	4	y		4	Exact location of other children was not stated.
125 881026bep0002	4	uk		3	
126 881025bep0003	4	y	6 year old female, victim's neighbor (incident took place in her yard).	2	
130 881021bep0001	4	y		1	Mother thinks that there was either glass or sharp rocks in sand, causing the laceration.
146 881111bep0003	4	n		3	Grades 1-3 out for lunch recess together.
152 881013bep0002	4	y		4	
172 880506bep0004	4	y		1	
173 880728bep0011	4	uk		5	
175 880516bep0007	4	uk		4	It was quite hot, so bars could have been hot.
191 881010bep0001	4	uk		4	
10 880505bep0004	4	n		2	
29 880425bep0006	4	n		4	
50 880429bep0001	4	n		4	Weather was overcast, cold (50 deg).
58 880408bep0005	4	uk		4	Two others on equipment, but not involved in incident.
112 880918bep0002	4	y	Playmates.	3	8 yr old cousin playing on monkey bars with victim.
115 880919bep0008	4	y	8 yr old cousin	3	
118 881125bep0001	4	uk		3	
128 881114bep0004	4	y	Victim's friend.	2	Victim and his friend were playing "footsy" (game of taking one foot off bar and then putting other back on in alternating fashion). Mother thinks that victim was probably overexcited, and this caused fall.

Environment Information (continued)
Sorted by Product Type

Our Case Case	Product Viewed	Description of Accident	View	Social Situation	Comments on Environment
140 880901bep0004	4	n	3		
143 881128bep0001	4	n	4		
148 880801bep0004	4	uk	2		Injury was not apparent until the next day.
149 881202bep0001	4	n	5		About 12 children were around the equipment.
46 880422bep0005	4	n	4		
47 880408bep0002	4	n	4		Along with different age groups having different playtimes, younger children are only permitted on poles. Playground area: 141'x44'.
52 880427bep0002	4	n	4		Exact location of other children not stated--recess.
132 880908bep0003	4	uk	4		No other children were involved in accident.
41 880513bep0005	4	n	5		4th grade recess.
89 880909bep0003	4	y	4		
129 881105bep0001	4	y	2		
133 881004bep0006	4	n	3		
55 880414bep0002	4	n	4		
96 880504bep0002	4	n	3		
188 881205bep0001	4	uk	4		
189 881024bep0002	4	uk	3		
101 880713bep0002	4	n	4		
154 881011bep0006	6	uk	5		
31 880602bep0005	6	uk	3		Few other children on merry-go-round not contributory to accident except possibly by virtue of creating the motion.
142 880913bep0001	6	n	2		Kindergarten and 1st grade play together, while 2nd and 3rd grades play together.
53 880418bep0005	6	uk	3		Eight year old female playmate, larger in size than victim, was riding on merry-go-round opposite the victim.
131 881024bep0001	7	n	3		Playground area surrounded by a stone wall, 1.25' high.
160 880715bep0016	9	y	4		
83 880708bep0001	9	n	3		Other children at far end of cable ride waiting for victim.
145 881229bep0001	9	n	1		Victim does not attend this school, she was just playing there during Christmas vacation.
39 880523bep0005	10	uk	5		Appeared to be only child and grandfather.
102 880527bep0005	10	n	4		
181 880906bep0009	10	n	4		
62 880603bep0004	10	n	3		Neighbor had just arrived to play with victim.
71 880714bep0002	10	n	4		Another child was on glider with victim.
19 880610bep0007	10	n	1		
73 880719bep0002	10	n	2		6 year old neighbor's boy was riding on pendulum swing with victim.

Environment Information (continued)

Sorted by Product Type

Our Case Case	Product Viewed	Description of Accident	View	Social Situation	Comments on Environment
179 880823bep0002	10	n		2	
69 880628bep0001	10	y	By other children on equipment.	3	There were 2 siblings on glider creating the movement that caused the injury.
80 880623bep0001	10	n		4	Birthday party going on with 8-10 children, but victim was alone on swing set.
49 880404bep0001	12	n		1	
18 880610bep0010	12	y	Neighbor's daughter who was involved in accident.	2	Other child was involved in moving swing, but not directly involved in accident, which was precipitated by victim.

Incident Information
Sorted by Product Type

Our Case Case	Product Incident Description	Injury Type of Mode Injury	Body Location of Injury	Mode Pt in Use Seq
56 880413bep0001	1 A 22 month old female walked in front of a 2 sister being pushed by her 10(11) yr old sister and was struck above right eye by the front of the swing.	laceration requiring 4 stitches	above right eye	1 4
178 880819bep0003	1 1 yr old female walked into the path of a 2 swing, homemade with a wooden seat. She was not seen by her "teenage" mother who was on the swing. She fell backward, striking her head on an unattached "car trailer hitch."	contusion	back of head	1 4
24 880526bep0003	1 2 yr old female walked in front of moving 2 swing while father's attention was diverted by ball game. Occupant in swing knocked down victim, then on return swing accidentally struck/kicked victim in the mouth.	bruise	mouth	1 4
45 880427bep0001	1 2 yr old male had dismounted teeter-totter 2 seat of playset. Was apparently on way to ladder of slide. In process walked directly in front of sister using swing. She spread legs to avoid hitting him, plastic seat struck him under right eye 2 yr old male ran in front of swing being 2 used by 14 yr old female and was struck on his face by the swing seat, suffering hematoma (bruise).	abrasion	under right eye	1 4
105 880831bep0005	1 2 yr old male walked in front of, and was 2 hit by either a moving swing or its occupant. Details unknown.	bruise	left eye area	1 4
111 880919bep0003	1 3 yr old female had been playing on riding 1 horse attached to swing set in her backyard. Attempted to jump off and fell to ground landing on her arm.	laceration	head	3 4
7 880509bep0006	1 3 yr old female was attempting to get onto 1 swing which was too large for her. She fell forward, cutting her head.	contusion/abrasion	lower right arm	2 3
27 880531bep0006	1 3 yr old female swinging on multipurpose 3 home swing set. Victim's swing began going crooked and struck a support pole.	laceration	forehead	1 1
28 880531bep0011	1 3 yr old male swinging in metal swing next 2 to 8 yr old sister. He got off swing, walked over to exit area, but walked in front of swing his sister was swinging in and was hit in the head by the swing.	laceration	tip	1 2
87 880913bep0014	1	laceration	head	1 4

Incident Information
Sorted by Product Type

Our Case Case	Product Incident Description	Injury Type of Mode Injury	Body Location of Injury	Mode Pt in Use Seq
63 880804bep0002	1 3 yr old female was being pushed by older boy on swing. He pushed very high and as victim was swinging backwards, she slipped from the seat, falling forward onto the ground.	1 bruises, cuts	face	1 2
107 880919bep0009	1 3 yr old female was being pushed on swing from front by 9 yr old male when she fell backwards, hitting her head on concrete slab.	1 laceration, requiring sutures	back of head	1 2
116 881031bep0003	1 Mother had been pushing her 3 yr old son on swing. Victim was fooling around on swing and jumped from swing to ground, injuring his left leg.	1 bruises	left leg	2 3
187 880405bep0003	1 3 yr old female was playing alone in backyard and came inside saying she fell off the swing. Parents think she was swinging on the A-frame, horizontal bar, of the set when she fell.	1 fracture	wrist	2 5
12 880424bep0001	1 4 yr old male fell from swing and received injury to his eye. No better description given as accident was not witnessed.	1 laceration	face next to eye	3 5
42 880623bep0003	1 In order to let other children pass behind her, 4 yr old female walked too close to moving swing which struck her in the face.	1 hematoma	face	1 4
30 880517bep0009	1 4 yr old female pushing doll in swing with help of friend. Friend pushed swing seat toward victim. Seat hit victim's eyebrow.	1 laceration	eyebrow	2 4
114 881123bep0001	1 4 yr old female ran in front of horse swing being ridden by her 5 yr old brother. The swing struck her in the face.	1 laceration	right eye	1 4
184 880725bep0003	1 4 yr old male had climbed up to second rung of climbing apparatus and was reaching for the rope swing. His hand grip slipped off the rope and he fell to the ground.	1 fracture	right elbow	1 1
9 880506bep0006	1 5 yr old female ran in front of moving swing, which had been pushed by one of the other children. Swing was empty and plastic seat struck her in the face.	2 contusion	cheek	2 4
3 880701bep0003	1 5 yr old female had been swinging very high on swing. As she slowed down to stop swing, she felt dizzy. She fell backward onto ground landing on her elbow.	1 fracture needed pins and cast	elbow	1 3

Incident Information
Sorted by Product Type

Our Case Case	Product Incident Description	Injury Type of Mode Injury	Body Location of Injury	Mode Pt in Use Seq
90 881018bep0002	1 5 yr old male swinging on swing set w/ his 1 5 yr old cousin in adjacent swing. They were competing to see who could jump further from moving swings. Victim jumped from moving swing about 4.5', landing on stomach with arm folded underneath.	dislocated rt elbow w/bone fracture	right arm	2 3
121 880927bep0003	1 5 yr old male swinging with his stomach on 5 swing's flexible rubber seat, using his feet to push off the ground, swinging approx 2' high. His face hit neighboring swing on right side, contacting a protruding bolt, attaching seat to chains.	laceration	right eyelid	2 4
123 880920bep0014	1 5 yr old male was wearing a ring, which 9 collapsed on his finger while swinging during recess. Victim seems to have put finger in space between chain links, got it stuck and then was unable to remove it.	contusion	finger	1 2
165 881122bep0001	1 5 yr old female fell off swing. Teaching 1 aide had helped her onto swing seat, then after she was settled and holding on, she gave her a push by pushing chains. Aide turned away, but looked back to see her fall onto broken asphalt surface.	laceration	head	1 2
194 880717bep0001	1 5 yr old female had been swinging for a 2 minute or two then wanted to stop, but she attempted to jump off and landed on her knees. The swing was propelled backwards but then came forward and hit her in the back of the head.	laceration	back of head	2 3
68 880609bep0002	1 6 yr old male stated playing on swing in 1 normal manner when the swing chain broke, tossing him to ground. Fell on back hitting his head.	contusion to head	head	1 2
15 880406bep0002	1 6 yr old girl and 3 other children were 4 pushing another child on tire swing. Victim's middle finger was pinched and bruised by the section of chain support where the chain and supporting ring meet.	bruise, contusion	middle finger	1 4
4 880802bep0019	1 6 yr old male was walking by swings on his 2 way to another part of playground. He was struck by another child, female approx. same age on one of the swings.	bruise	left side of head	1 4
84 880927bep0006	1 6 yr old female on trapeze swing. She 1 attempted to stand up but while hanging upside down, she lost her grip and fell to ground.	fracture	right arm	1 1

Incident Information
Sorted by Product Type

Our Case Case	Product Incident Description	Injury Type of Mode Injury	Body Location of Injury	Mode Pt in Use Seq
117 881003bep0002	6 yr old male was swinging very high, and he jumped off while swing was very high, landing on his face and right arm.	1 break, scratches	broken right wrist, scratched face	2 2
76 880524bep0007	7 yr old male reported having fallen off swing in school yard. No details are given by either victim or respondent(father) and incident was not witnessed.	1 strain	left clavicle area	3 5
37 880603bep0001	7 yr old female standing on swing, and "pumping" herself, began to bend and lower herself in order to dismount, while swing was still in motion. She fell off swing onto ground, fracturing her wrist.	1 fracture	wrist	2 3
23 880517bep0006	7 yr old male was being pushed on swing by sister when he let go of the chain supports and fell to the dirt/gravel.	1 fracture	right lower arm	1 2
139 881109bep0002	7 yr old female was swinging normally back and forth when the chain link hook near the top left broke. This caused the chain holding the swing seat to fall, with the victim, to the ground.	1 fracture	elbow	1 2
183 880802bep0002	7 yr old female swinging on plastic tire swing which hung from tree by a rope. The rope broke where it attached to the tree, causing the victim to fall to the ground, hitting her head.	1 concussion, temporary amnesia	head	3 2
43 880601bep0006	8 yr old female jumped from swing at height of 6' (on upswing).	1 sprain	left wrist	2 3
137 880602bep0011	8 yr old female was hanging upside down from her knees from the top bar of a swing set. She somehow slipped and fell to grass surface below.	1 fracture	right wrist	2 2
195 880725bep0006	9 yr old female using remnants of swing set. The swing involved was hanging from only one chain. She was using seat as foothold somehow while holding on and swinging on chain, but lost her grip and slid down, laceration at seat connection.	5 laceration	pubic region	2 5
14 880410bep0001	9 yr. old boy attempting to do somersault from the two ring handles. Miscalculated and instead of landing on his feet, fell and sprained his neck and pulled muscles in his neck and back.	1 sprain and pulled muscles	sprain neck pulled muscles, neck & back	1 3

Incident Information
Sorted by Product Type

Our Case Case	Product Incident Description	Injury Type of Mode Injury	Body Location of Injury	Mode Pt in Use Seq
16 880630bep0001	1 9 yr old male had been pushing brother on homemade swing. The occupant of swing jumped off causing swing to go out of control. It swung back hitting victim in the forehead.	2 laceration	forehead - 3 stitches required	2 4
21 880519bep0002	1 9 yr old male swinging on swing in school yard was pushed from behind by cousin. He fell backwards, tried to break his fall with right arm. He fractured it upon contact with ground.	1 fracture	right lower arm	1 2
150 880927bep0015	1 9 yr old male allegedly standing and holding onto support pole of swing set frame. 12 yr old male was trying to wrap and empty baby swing around the top bar when it hit the victim's hand, crushing his thumb against the pole. Details unclear	2 fracture	left thumb	2 4
190 881020bep0001	1 9 yr old male swinging on school playground. He decided he wanted to stop, but jumped off before the swing completely stopped. He lost his footing while landing and fell on his wrist.	1 fracture	wrist	2 3
11 880430bep0001	1 10 yr old female was doing a "flip" on the 1 top bar of the family's swing set when she slipped and fell to the ground.	1 fracture	left wrist	3 2
103 880920bep0007	1 10 yr old male fell off swing. Incident was not viewed, but mother surmised that he was probably not swinging properly, either too high or incorrectly seated. Victim seemed stunned when he was brought home after incident (by his friend).	1 fracture, bruises	fracture lt. wrist, bruised rt. wr., face	3 2
157 881223bep0001	1 10 yr old male was sitting on swing when approached by another boy who came up from behind giving a hard push at waist height. The victim fell forward landing on the soft muddy surface. This boy had been disrupting others on swings as well.	1 abrasions	back of head	2 2
66 880607bep0006	1 11 yr old female standing on moving swing. Began moving from standing position to sitting while swing in motion. Lost balance and fell to ground onto stomach.	1 bruised ribs	chest	2 2
61 880816bep0002	1 11 yr. old male was being pushed on adult swing by cousin of comparable age and size. He was swinging as high as he could and then jumping off for distance. On 5th try, he jumped at high pt., lost his balance, falling on face, arm under him	1 break	right wrist	2 3

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Our Case Case	Product Incident Description	Incident Information Sorted by Product Type		Body Location of Injury	Mode Pt in Use Seq	
		Injury Type of Mode Injury				
151 881004bep0007	1 11 yr old female swinging at school. She had deliberately entwined her right middle finger inside a chain link of the swing. When she attempted to jump off, she did not release her finger from the link, causing a sprain. She takes blame.	9 sprain		right middle finger	2	3
162 881209bep0001	1 11 yr old male swinging very high causing the chains of the swing to lose tension. When they retightened, there was a jolt which made him lose his grip and then fall to icy surface below, hitting his head.	1 concussion		head	2	2
144 881116bep0002	1 12 yr old male swinging during recess. He said he was swinging as high as he could and then at the top of one of his swings, the leather seat broke away from the chains. He tried to hold onto the chains, but fell forward landing on shoulder.	1 bruises, abrasions		left shoulder	1	2
182 880808bep0001	1 12 yr old male was swinging when his hand grip slipped, causing him to fall forward as the swing went forward. He fell 2-3 feet to the ground, landing on his arm.	1 sprain		wrist	1	2
36 880620bep0001	2 18 month old male being helped down slide by father (at top). Mother was 1/2 way down below to catch child. Child had traveled about 12" down when he grabbed onto the right side railing with his hands and catapulted over the side.	1 concussion to head, fractured left wrist		head and left wrist	1	2
161 880727bep0004	2 15 month old boy with family at Burger King playground. Mother had just gone inside to get a drink. He was climbing up ladder to slide. It's unclear if he first burned his hand or slipped then got burned. Fall was only down a step or two.	1 burn		hand	1	1
100 880831bep0004	2 2 yr old female climbed the steps of slide, reaching the top. When she began to sit down, sand (dirt?) on bottom of sneakers caused her to slip and fall to ground near steps of slide.	1 contusion		head	1	1
153 881006bep0003	2 2 yr old female had been playing on slide with help of day care teacher, who then looked away briefly. She turned back to see victim had started up ladder alone, and then she fell off from 5th or 6th step, sitting with one leg underneath.	1 sprain		ankle	1	1

Incident Information
Sorted by Product Type

Our Case	Product Incident Description	Injury Type of Mode Injury	Body Location of Injury	Mode Pt in Use Seq
82 880609bep0005	2 3 yr old male reported to have climbed almost to top of 7' slide when he slipped, fell back down steps scraping face and forehead. It isn't clear whether he scraped face on fall downward or from ground.	13 scrapes, contusions	face and forehead	1 1
81 880520bep0005	2 3 yr old female attempting to come down spiral slide for first time. She began sliding down, as she reached the first curve in slide, and having gained momentum, flew over the side of the slide, landing on ground below.	1 sprained wrist and mild concussion	left wrist and head	1 2
79 880712bep0007	2 3 yr old female was at top of the first level platform, going up when she turned to get attention of 13 yr. old male who was with her. As she turned at the edge, she slipped and tumbled head first down 5 rung ladder, with impact, to ground	13 laceration, contusion	lip laceration contusion - side of head	1 1
98 880706bep0005	2 3 yr old male began climbing up metal ladder rungs to slide platform. Mother called to victim to "come down." Backing down, about 5' from the bottom, he slipped, falling feet first. His face and nose hit either concrete slab or gravel, uk.	1 fracture, bruises	nose, face	1 5
141 880912bep0021	2 3 yr old male had climbed up steps to slide. After reaching the top he fell backward, hitting his chin on the bottom step before landing on the ground. Cause of fall seems to be loss of balance due to victim's ear infection.	13 laceration	chin	1 1
155 881127bep0001	2 3 yr old female playing on tall slide. She had climbed up the ladder but then lost her balance during the last step up to the platform. She reached out with her right hand for the railing, but it was missing. She fell down sliding board.	1 lacerations	lips and gums	1 1
70 880511bep0001	2 Four yr old female went down slide properly and turned around and attempted to climb back up the slide portion. Victim was barefooted. She managed to climb up about 3' when she lost her footing and slid back down, falling to ground.	1 fracture	left foot	2 5

Incident Information
Sorted by Product Type

Our Case Case	Product Incident Description	Injury Type of Mode Injury	Body Location of Injury	Mode Pt in Use Seq
78 880625bep0001	2 4 1/2 yr old female was ready to go down slide portion of gym set, standing on platform, when she either lost her balance or slipped and fell to ground below.	1 contusion	right lower leg	1 1
8 880508bep0003	2 4 yr old male was climbing up wrong way of slide section of slide when his shoes slipped and he fell to ground.	1 fracture	forearm (right)	2 5
138 881219bep0001	2 4 yr old female was playing with 5 other children on slide in backyard. She was sliding down with another child behind her, who then pushed the victim off slide, causing her to fall to ground, landing on her right arm.	1 fracture	rt. arm	1 2
167 880615bep0004	2 4 yr old female lacerated her foot on a piece of broken glass in the sand below the slide's exit. She had come down the slide without shoes on, so when she exited the chute, her foot contacted the glass.	5 laceration	rt. foot	1 3
171 880922bep0005	2 4 yr old male fell from second step of ladder to spiral slide. Because the ladder was attached to a high deck he was 8'2" at the time. He landed in the sand below and fractured his elbow.	1 fracture	rt. elbow	1 1
166 880906bep0002	2 4 yr old female had climbed up to the top of a tall slide but lost her footing when starting to slide down and fell approx. 9' to the asphalt below, fractured skull.	1 fracture, blood clot	head	1 1
57 880412bep0003	2 5 yr. old female ascended slope of slide, began descending steps. She fell from approx. the second step from the top.	1 break	elbow	2 5
22 880512bep0003	2 5 yr old male climbed ladder portion of 7' slide, turned and jumped off seventh step to ground.	1 fracture	rt. foot	2 5
86 880922bep0003	2 5 yr old female victim was climbing up stairs to slide. She was stepping up to 4th step when she fell forward, hit her chin on 6th step or platform. There may have been sand on steps-not clear. Also unclear which foot slipped.	13 laceration requiring 4 stitches	chin	1 1
74 880601bep0013	2 6 yr old male went on slide for first time. Slid down slide properly, feet first, holding onto sides, landed on rubber mat at bottom. Somewhere during that slide severely lacerated 2nd finger of right hand.	5 laceration	second finger of right hand	1 2

Incident Information
Sorted by Product Type

Our Case Case	Product Incident Description	Injury Type of Mode Injury	Body Location of Injury	Mode Pt in Use Seq
75 880509bep0007	2 6 yr. old victim had climbed to top of 7.5' slide with kids behind him on the ladder. He either slipped or was pushed and fell to hard dirt and grass surface below, no impact with equip., landed on left arm.	1 fracture	lower left arm	1 1
1 880711bep0012	2 6 yr old female had begun to climb up steps of slide at fast food rest. when her foot slipped on bottom step and she fell against the upper steps, hitting her chin on one of them.	13 laceration	chin	1 1
99 880601bep0003	2 6 yr old female was sliding down spiral slide when she became entrapped in the trough because her foot jammed against the side, causing her hips and legs to twist and become wedged btwn. slide walls. She extricated herself, and slid down.	9 contusion	left foot	1 2
164 881110bep0002	2 6 yr old male tried running up metal slide 1 from bottom. His feet slipped and he fell, landing on slide, causing laceration when his chin hit. He was wearing soccer cleats at the time, and this appears to have contributed to accident.	1 laceration	chin	2 5
169 880418bep0004	2 6 yr old female was using slide in normal manner, sliding down feet first. After sliding down quite fast, she stubbed her toe upon exiting.	9 sprain	toe	1 3
51 880509bep0004	2 7 yr. old female was climbing curved ladder to slide platform when her foot slipped. She fell forward, impacting her abdomen on ladder rung, and lost consciousness. Playground aide pulled victim off metal ladder rung.	13 bruise and loss of consciousness	abdomen	1 1
104 880820bep0001	2 7 yr old male was climbing up steps to top of platform to sue slide, with 4 yr old sister hanging onto his leg. As he reached the platform, he stumbled (due to imbalance caused by sister), and fell over side to ground, losing consciousness.	1 concussion	head	1 1
109 880901bep0003	2 7 yr old female was being chased by friend 1 during a game of tag. She slid down the slide, but stood up on her way down, which either caused her to trip over side and fall or possibly she tried to jump over side, falling to ground	1 fracture	arm	2 3

Incident Information
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Our Case Case	Product Incident Description	Injury Type of Mode Injury	Body Location of Injury	Mode Pt in Use. Seq
65 880525bep0006	2 8 yr old male described accident differently twice. Victim states he was climbing slide steps about 3 fr top when someone pushed him off step. Another time he stated someone under the board but didn't push him. Fell to ground hit rt finger.	1 sprain	rt. hand	1 1
38 880516bep0004	2 8 yr. old female fell off third step of slide while ascending. She fell to the ground and hit her head on rubber mat surface.	1 contusion	head	1 1
135 881107bep0002	2 8 yr old male climbing wooden steps to slide with a classmate immediately behind him. When he got to top of platform, victim said he was pushed by the child behind him. He fell forward, landing to side of eq., head struck ground, puncture.	1 puncture	head	2 1
163 880518bep0005	2 8 yr old male playing on slide with other children. Some horseplay involved but details not clear. As he was about to start down slide, he was pushed from behind and he fell over the side, breaking his fall with his arm	1 fracture	lower arm	2 1
48 880407bep0001	2 9 yr old male attempting to reach slide platform by climb series of metal bars or footholds to platform. In doing so a 10 yr old girl standing on platform shoved him and he fell backwards landing onto surface below.	1 cuts/bruises broken rt arm	forearm	1 1
91 880629bep0003	2 Nine(10?) yr old male climbing metal stairs leading to double slide. A few steps from top, victim's foot or feet slipped	13 broken teeth, lacerated lip	face, mouth	1 1
108 880608bep0001	2 10 yr old male and his freinds playing on slide, trying to see who could go fastest and land furthest from slide. He was seated at top and pushed himself vigorously, throwing head back, which hit platform or top edge of slide.	3 laceration requiring stitches	back of head	1 1

Incident Information
Sorted by Product Type

Our Case Case	Product Incident Description	Injury Type of Mode Injury	Body Location of Injury	Mode Pt in Use Seq
32 880606bep0018	2 11 yr. old female was in the process of turning while at top of dual slide, lost her balance, and fell backwards down the slide. Victim's left foot was caught under her as she fell.	1 sprain	ankle	1 1
64 880515bep0001	2 11 yr old female in process of ascending tubular steps to slide, slipped on mid-level step, falling forward and hitting her chin on some portion of equipment.	13 laceration requiring 11 stitches	chin	1 1
168 880419bep0004	2 11 yr old female fractured her lower arm when she slid backwards down the slide and onto the ground. She had been trying to climb up the slide from the bottom when she slipped and fell. She tried to break her fall with her arm.	1 fracture	lower arm	2 5
170 881002bep0002	2 14 yr old female was at park with 3 friends. She had taken off her shoes and her feet were damp from wet grass nearby. While climbing up slide chute bottom to top, she slipped about 5' up and fell over the right side to gravel below.	1 fracture	clavicle	2 5
6 830510bep0009	3 2 yr old male fell off homemade see-saw in backyard. Accident was not witnessed but one of his older brothers (either 7 or 10) was on other end of see-saw. See-saw was set on "high" position for older children.	1 fractured clavicle	left shoulder	2 2
2 880701bep0001	3 3 yr old female victim was walking up board of teeter-totter(see-saw) with mother holding her hand. Mother released victim's hand to pick up brother. Victim took an independent step and fell off equipment.	1 fracture	upper arm	2 5
13 880411bep0003	3 4 yr old male attempting to push down one end of see-saw. In the process it hit him right below his eyebrow.	2 v-shaped laceration	below right eyebrow	2 5
177 880921bep0005	3 4 yr old male on see-saw with another child behind him, it is unclear who was on the other end. As he was getting off he somehow received a laceration on his genitalia. He may have been trying to get off at the wrong time.	5 laceration	genetalia	2 3
110 881027bep0003	3 5 yr old male was standing next to see-saw, too close, since when another child either pulled down or got on see-saw, the seat nearest victim while ascending, hit him under his chin.	2 laceration	chin	2 4

Incident Information
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Our Case Case	Product Incident Description	Injury Type of Mode Injury	Body Location of Injury	Mode Pt in Use Seq
158 881015bep0001	3 5 yr old male on "stand alone teeter-totter". His grandmother lifted the child opposite him from the seat on the low end, causing him to lose his balance and fall off his seat on the high end. He bit his tongue on impact laceration.	1 laceration	tongue	2 3
5 880809bep0006	3 8 yr old male was walking with friend. As they passed a see-saw, friend pushed down on the end of the see-saw. It bounced up and seat portion struck victim on the lip. 8 yr old female had finished playing on see-saw with another 8 yr old female. She was attempting to dismount, her foot slipped, and she fell to the ground, landing on her right arm.	2 laceration requiring sutures	mouth	2 4
54 880418bep0001	3 8 yr old female was riding on see-saw with a boy of same age on the other end. Then another boy came up and pushed her off the equipment, causing a fall to the ground where her leg hit a rock.	1 fracture	rt. lower arm	1 3
156 881021bep0002	3 11 yr old female and friend were on see-saw. Friend dared victim to let go of handles as victim went up, at peak of ark, friend jumped off as a joke. Victim fell over backwards onto ground landing on her back.	1 bruise	rt. lower leg	2 2
88 880524bep0005	3 2 yr old female had climbed up vertical ladder to top rung, and fell back trying to reach horizontal ladder bar. First bar of horiz. ladder was 30" in height and 15" indented from last vertical bar--too far away for her to grasp.	1 possible soft tissue damage	lumbar region of spine	2 2
67 880720bep0008	4 2 yr old male was climbing up rope ladder when his hand slipped and he fell to the ground, hitting his lip against wooden frame which was set into ground.	1 bruised hip	hip	1 1
113 880810bep0001	4 2 yr old male fell from monkey bars at day care center. He apparently lost his balance while trying to climb down from the equipment.	13 laceration	lip	1 2
20 880617bep0008	4 2 yr old female was playing on a wooden structure shaped as a boat when she somehow fell to surface, hitting her head on the equipment. Details unclear.	1 laceration, contusion	lip, nose	1 3
159 880926bep0009	4 2 yr old female was playing on a wooden structure shaped as a boat when she somehow fell to surface, hitting her head on the equipment. Details unclear.	13 laceration	head	1 2

Incident Information
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Our Case Case	Product Incident Description	Injury Type of Mode Injury	Body Location of Injury	Mode Pt in Use Seq
17 880627bep0005	4 3 yr old female was attempting to climb monkey bars imitating her older siblings (5 & 7). Her hands slipped off the bars and she fell to the ground.	1 sprain	right ankle	1 2
35 880617bep0009	4 3 yr old male descending vertical pole, feet first, when he lost his grip about 2 ft from ground. He fell into pit area.	1 sprain	ankle	1 2
124 881130bep0001	4 3 yr old male playing on monkey bars during recess at preschool. Another classmate pushed him and he fell to ground.	1 laceration, requiring 1 stitch	mouth	2 2
136 881014bep0001	4 3 yr old female was playing on platform. She climbed up on lower railing with her feet and then leaned over the upper railing with her body. Another child on the platform suddenly pushed her, and she fell head first to ground.	1 contusions, abrasions	face	2 2
176 880811bep0010	4 3 yr old female slipped from monkey bars at preschool, hitting her lip on the bars before landing on the ground. Details are unclear.	13 laceration	lip	3 5
25 880520bep0003	4 4 yr old male swinging with both hands on vertical bars of monkey bars in backyard of his home. His hands slipped and he fell to ground.	1 laceration	mouth	1 2
59 880503bep0009	4 4 yr old female climbed top platform of multiuse eq., started crawling down enclosed "C-shaped" tunnel ladder head first. She slipped and fell forward down to bottom tunnel area, hitting head on handles inside, climbed out and ran to mother.	13 laceration, contusion	lac.to lip, contusion to pubic region	2 1
106 880808bep0006	4 4 yr old female climbed up ladder portion of climber, and at the point where the ladder becomes horizontal, she went through crossbar with intention of swinging across horizontal bars. She lost her grip and fell to the ground.	1 break	left arm, both humerus and radius	1 1
180 880829bep0002	4 4 yr old female climbing on monkey bars at day care center when she slipped and fell to concrete surface. Details are unclear.	1 fracture	shoulder	3 5
26 880519bep0004	4 5 yr old female playing on monkey bars in neighbor's yard with 3 other children. Her hands slipped and she fell to ground hitting her head.	1 contusion	head	1 2

Incident Information
Sorted by Product Type

Our Case	Product Incident Description	Injury Type of Mode Injury	Body Location of Injury	Mode Pt in Use Seq
94 880606bep0001	4 5 yr old girl was going hand -to-hand across horizontal gym when she lost grip and fell to ground.	1 fracture	rt. wrist	1 2
85 880810bep0002	4 5 yr old male standing on platform of multiuse equip. He slipped or stepped off edge and fell to gravel surface.	1 bruises and contusion	face and wrist	3 5
127 880830bep0003	4 5 yr old male was playing on monkey bars with several classmates during recess. While trying to move (swing) across horizontal ladder part, her hand slipped and she fell to the ground.	1 fracture	wrist	1 2
134 880707bep0004	4 5 yr old male had climbed up vertical ladder to horizontal ladder, grabbing 1st rung with both hands. He wanted to swing part way and then drop to ground, but his hands slipped off the 1st rung and he fell to the ground.	1 fracture	rt. forearm	1 1
147 881017bep0015	4 5 yr old female playing on multi-use swing set in backyard. She was hanging from horizontal ladder, trying to cross from one end to the other when her grip slipped and she fell to the ground below, landing on her right arm.	1 fracture	rt. forearm	1 2
192 881005bep0001	4 5 yr old female was playing on monkey bars intended for older users while in day care group. She was trying to climb across on her hands but slipped, falling to dirt surface, landing on her outstretched arm.	1 fracture	wrist	1 2
193 881217bep0001	4 5 yr old male going across horizontal ladder of home combo swing set with hands, trying to skip every other rung. He started at rung #1 then grasped and fell from rung #3. He said his hands were sweaty, causing him to lose his grip.	1 fracture	lower arm	1 2
72 880606bep0016	4 6 yr. old male had been climbing on metal jungle gym. He had climbed about half way up and was on his way down when he slipped and fell, hitting his chin on horizontal bar.	13 laceration, 3 sutures	chin	1 3
77 880706bep0001	4 6 yr old female climbed monkey bars ladder (4 steps) was grabbing for the first rung when her hands slipped off the smooth metal bar and she fell onto the dirt ground below.	1 fracture required cast	left wrist	1 1

Incident Information
Sorted by Product Type

Our Case Case	Product Incident Description	Injury Type of Mode Injury	Body Location of Injury	Mode Pt in Use Seq
44 880426bep0004	4 6 yr. old male was playing on climbing apparatus at apartment complex. Another child pushed or bumped the victim, causing him to fall and break his lower right arm.	1 fracture	right lower arm	1 2
40 880520bep0007	4 6 yr old female attempting to do a flip over the bar, grasping bar with palms up and left leg swinging over the bar. Victim lost grip and fell backwards. Said her hands were sweaty.	1 sprain	wrist	1 1
33 880613bep0005	4 6 yr old male balancing himself (standing) on top beam of multi-use climbing apparatus lost balance, fell to ground. During fall, victim apparently struck one of the wooden supports and lacerated his chin.	13 laceration - 10 stitches	chin	2 2
34 880616bep0004	4 6 yr old male barefooted was going hand-over-hand rapidly on horizontal ladder at top of swing set. Wearing ladder at other end his hands slipped and he fell contacting bolt ends on ladder and lacerating both foot and arm.	13 lacerations - 8 stitches	left foot and arm	1 2
93 880813bep0003	4 6 yr old female standing with feet in lower dish of equip.. Believed she slipped toward main post & struck her forehead. Equip. may have been shaken by another child, or surface may have been slippery from an earlier rain.	1 laceration	head	1 2
60 880824bep0002	4 6 yr. old female standing on top of vertical ladder, beginning to swing out to horiz., she reached lt. hand out and grasped first overhead rung, and while grasping second rung w/rt., her hand slipped as her body swung. She fell to ground.	1 break	right wrist	1 2
119 881201bep0001	4 6 yr old female and several classmates were playing on monkey bars at school. The victim was climbing on the bars, using both hands, when her grip slipped and she fell to the ground.	1 contusions, abrasions	face	1 2
120 881006bep0001	4 6 yr old male was playing on monkey bars during recess at school. His head struck one of the bars, but he did not fall. He suffered a "bump on the head" and was taken to the ER as a precaution against a more serious head injury. None diag.	3 contusion	head	1 2

Our Case Case	Product Incident Description	Incident Information Sorted by Product Type		Injury Type of Mode Injury	Body Location of Injury	Mode Pt in Use Seq	
122 880914bep0002	4 6 yr old male hanging from monkey bars in a friend's backyard. He lost his grip and fell to concrete below, fracturing his right arm.	1	fracture		lower right arm	1	2
125 881026bep0002	4 6 yr old male suffered head injury when he fell off monkey bars during recess. He was attempting to jump from one section of the bar set to another but fell onto asphalt surface.	1	contusion		head	2	3
126 881025bep0003	4 6 yr old male using climbing set in neighbor's yard. He had climbed across horizontal ladder and was trying to reach top step on side to climb down, but he couldn't reach it and fell to the ground.	1	strained muscle		right thigh	1	3
130 881021bep0001	4 6 yr old female standing below to help. 6 yr old female was being taught by mother how to use monkey bars. She was attempting to climb, using both hands, but she slipped and fell to ground.	1	laceration		face	1	1
146 881111bep0003	4 6 yr old male playing on jungle gym. He followed a playmate's lead through a triangular opening going form outside in, feet first, with his hands holding the bars. His feet slipped and he felt a thump as he hit his head on one of the bars.	3	laceration		head	1	1
152 881013bep0002	4 6 yr old male was playing on horizontal ladder, trying to travel across bars hand over hand, but he couldn't reach or hold on any more. He fell, landing on hard rubber mat surface.	1	contusion		head	1	2
172 880506bep0004	4 6 yr old female had climbed up steps to top bar of jungle gym. She hooked her legs over the bar and attempted to do a back somersault. Halfway through, her hand slipped off the bar and she fell, striking top step of apparatus before ground.	13	contusion, abrasions		trunk, kidney area	2	2
173 880728bep0011	4 6 yr old male slipped and fell from monkey bars, 3 ft. to concrete. He hit his mouth on the equipment on the way down, causing a laceration. Details are unclear.	13	laceration		mouth	3	5
175 880516bep0007	4 6 yr old female playing on monkey bars during school recess. She was trying to do a backward flip from the last bar but her hand slipped and she fell to the dirt surface.	1	contusions, abrasions		face	2	3

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Incident Information
Sorted by Product Type

Our Case Case	Product Incident Description	Injury Type of Mode Injury	Body Location of Injury	Mode Pt in Use Seq
191 881010bep0001	4 6 yr old female playing on monkey bars at apartment complex. She fell from the bars to the sand box area below. Details are unclear.	1 laceration, abrasions	above right ear, face	3 5
10 880505bep0004	4 7 yr old female was running on playground at school. She either ran into or was run into by another child causing her to fall against the monkey bars.	13 fracture	finger	2 4
29 880425bep0006	4 7 yr old female swinging from ring to ring on horizontal bar. As she reached 4th bar, she slipped, impacting her lip on ring before falling on her stomach on ground.	2 laceration	lip	1 2
50 880429bep0001	4 Seven year old male was on top of walkway equipment and jumped to ground, five feet below. Upon landing, his feet twisted under him.	1 fracture	second and third toes	2 3
58 880408bep0005	4 7 yr old female swinging across the parallel bars for first time. Victim stated that by the time she had reached 6th bar, grasped with both hands, her hands were sweaty and she was tired. She fell to the ground landing on her left arm.	1 sprain	left arm	1 2
112 880918bep0002	4 7 yr old female was swinging across horizontal bars, one hand at a time, while holding one bar and reaching for the next, her grasp slipped and she fell to the ground.	1 2 fractures	left arm	1 2
115 880919bep0008	4 7 yr old female was playing on monkey bars with her 8 yr old cousin, going "hand over hand". Her hands became sweaty, and she lost her grip and fell, hitting her face on the ground.	1 laceration	lip	1 2
118 881125bep0001	4 7 yr old female and several others of same age playing on monkey bars during recess. When the victim started to jump off the equip., another child reached toward her, possibly causing her to lose her balance. Victim fell to the ground.	1 strain	elbow	2 3
128 881114bep0004	4 7 yr old male playing "footsy" on monkey bars (see above). Victim slipped and fell to ground. Mother speculated that laceration on chin is due to contact with equipment before landing on ground.	13 laceration requiring 6 stitches	chin	2 2

Incident Information
Sorted by Product Type

Our Case Case	Product Incident Description	Injury Type of Mode Injury	Body Location of Injury	Mode Pt in Use Seq
140 880901bep0004	4 7 yr old male preparing to jump from dome-shaped climber when another child stepped on his fingers, causing him to drop to the ground before he was ready so the landing was unstable. His left foot twisted with toes bent back bruises.	1 bruises	left foot	1 3
143 881128bep0001	4 7 yr old female was playing on an arched ladder, half-moon shaped, during recess. She was going to attempt a roll-over stunt on the top outside portion where there is a 24" opening. She lost her grip halfway through and fell to asphalt.	1 abrasions, chipped tooth	knees, face	2 2
148 880801bep0004	4 7 yr old male and several others of same age were playing "King of the Mountain" on top of the wooden structure. The game involves one person pushing others off the "roof". It's unclear how the injury occurred as it was not immed. known.	1 strain	lower trunk	3 3
149 881202bep0001	4 7 yr old male was playing in concrete tunnel during school. He somehow cut his head. It is hypothesized that he stood up while inside the tunnel, hitting his head on the rough surface. Details are unclear.	5 laceration	head	3 2
46 880422bep0005	4 8 yr old male standing on platform 30" from ground, stretched up to metal bar protruding outward from equip. He decided to swing out and jump, but due to sweaty hands, he lost his grip and fell.	1 fracture	left wrist	1 3
47 880408bep0002	4 In the process of lowering himself feet first through monkey bars, 8 yr. old victim's hand slipped and his head bounced forward and back against the bars.	3 laceration	above right eye	1 2
52 880427bep0002	4 8 yr old male was hanging by his knees on 1 inner (one of two) horizontal bars when he slipped off and fell to ground.	1 sprain	neck	1 2
132 880908bep0003	4 8 yr old female trying to go all the way across overhead horizontal ladder, "hand-over-hand," when her grip slipped and she fell to the ground, landing on her left arm.	1 sprain	left elbow and wrist	1 2
41 880513bep0005	4 9 yr old male in process of swinging on horizontal bars pulled upward and impacted head on overhead bar causing him to fall. Investigators report indicates impact with bar caused injury and unconsciousness.	13 concussion	head	1 2

Incident Information
Sorted by Product Type

Our Case Case	Product	Incident Description	Injury Type of Mode Injury	Body Location of Injury	Mode Pt in Use Seq
89 880909bep0003	4	9 yr old victim swinging across horizontal bars, lost grip and fell to ground below. Initially, no real injury was seen, but at home mother noted disorientation and confusion, so she took him to hospital.	1 slight brain concussion	head	1 2
129 881105bep0001	4	9 yr old male was playing "freeze tag" with classmates during recess. He was running to avoid being tagged and went to "playground gym" and started climbing, but he slipped and fell, hitting his mouth on the bar of equipment.	3 laceration, 26 stitches	lower lip	1 1
133 881004bep0006	4	9 yr old male and 3 classmates were taking turns running toward and jumping up to the highest bar, attempting to swing from it. He did grasp bar with both hands, but only two fingers of each had a good grip, so he fell, landing on shoulder.	1 sprain	shoulder	1 1
55 880414bep0002	4	10 yr old male traversing traveling rings lost his grip on second ring (as he reached for third) falling to ground.	1 sprain	wrist	1 2
96 880504bep0002	4	10 yr old male was on second level of climbing apparatus, talking to a friend when another playmate came along and pushed him against a corner post, bruising his chest. After school he complained to mother about chest pain.	3 bruise, contusion	chest	1 2
188 881205bep0001	4	10 yr old male fell while climbing tires mounted on two vertical posts, during school recess on a cold, snowy day. He landed on wooden boards at the base of the equipment. Victim said he didn't remember very much. Details are unclear.	13 fracture	left radius, ulna	3 5
189 881024bep0002	4	11 yr old female was swinging by her knees from monkey bars during school recess. She struck her head, neck region on the bars and was knocked momentarily unconscious.	3 concussion, soft-tissue damage	head, neck region	2 2
101 880713bep0002	4	12 yr old female was using a horizontal ladder, moving from bar to bar, alternating hands, when one hand slipped and she fell to the ground.	1 fracture	left wrist	1 2
154 881011bep0006	6	3 yr old male injured his elbow while playing on a merry-go-round in a public park. No other details are known. Mother refused to answer most of the phone interviewers questions. She did state "the whole thing was very messy."	9 contusion, abrasion	elbow	3 5

Our Case	Product	Incident Description	Incident Information Sorted by Product Type		Body Location of Injury	Mode Pt in Use Seq
			Injury Type of Mode Injury	Injury		
31 880602bep0005	6	5 yr old female attempted to dismount merry-go-round while equip in motion. Fell through center portion (accord. to mom - tho photo shows domed center) when attempting to regain footing. Struck in back of head by undercarriage of equipment.	12	laceration	back of head	1 3
142 880913bep0001	6	5 yr old female was playing on merry-go-round during school. An older male (8-9 yrs old) was pushing the merry-go-round very fast, causing the victim to fall off, landing on her shoulder.	1	fracture	clavicle	1 2
53 880418bep0005	6	9 yr old male victim reported to respondent (mother) that he twisted his foot while riding a merry-go-round with another child.	9	sprain	foot/ankle	1 2
131 881024bep0001	7	4 yr old male and another child of same age were pushing the spring action ride up and down, and as the animal on the end of the pole went up, the back of the animal hit the victim in the mouth because he was standing too close to it.	2	cuts, bruises, chipped tooth	mouth	2 2
160 880715bep0016	9	11 yr old female at summer camp playing on 1 "High Adventure" rope-swinging course, where she was swinging rope to rope when her foot caught in the stirrup of the final rope causing her to fall to the ground.	1	fracture	upper arm	1 2
83 880708bep0001	9	13 yr old male rode trolley fr higher to lower support post. Had given himself run start toward original takeoff pt. Holding onto handlebars w/both hands, had gone 1/4 way when trolley came off cable. He was dragged 1/3 further incur injury	1	contusions and bruises, subseq. infect.	foot and ankle	1 2
145 881229bep0001	9	13 yr old female was alone at school playground, and was running when she collided with the metal upright of a basketball backboard.	3	concussion	head	2 4
39 880523bep0005	10	3 yr old male was being pushed on glider. He struck his head against protruding bolt on swing set frame causing laceration.	5	laceration requiring 4 stitches	head	1 2
102 880527bep0005	10	2 yr old male was sitting on the crossbar of the swing set's "A-Frame", with his back to the glider. He felt backward, striking his head on a bolt protruding from the vertical glider support.	5	laceration requiring 4 stitches	back of head	2 4

Incident Information
Sorted by Product Type

Our Case Case	Product Incident Description	Injury Type of Mode Injury	Body Location of Injury	Mode Pt in Use Seq
181 880906bep0009 10	2 yr old female was pushing an empty glider in backyard, and it came back and hit her on the top of her head, causing a laceration.	2 laceration	top of head	2 4
62 880603bep0004 10	3 yr old female was standing on seat portion of glider-type swing with another child on opposite seat. She lost her balance and fell, striking and fracturing her clavicle (shoulder).	12 fracture	clavicle	2 2
71 880714bep0002 10	4 yr old male playing on glider portion of swing set climbed on glider seat, grabbed onto adjacent x-bar of support lets. began to swing on bar using both hands but lost grip and fell to the ground.	1 elbow dislocated	elbow	2 1
19 880610bep0007 10	4 yr old female lacerated elbow while using glider equip. on swing set. Cause of laceration thought caused by fall from glider, but hospital staff felt injury caused by protrusion on equipment, such as a loose screw or bolt.	5 laceration to elbow	elbow	1 2
73 880719bep0002 10	5 yr old girl playing on pendulum swing set in backyard when neighbor's boy suffered laceration. They were swinging back and forth and had been told to slow down. Girls head hit bolt protruding from side support and fell to ground.	5 laceration - 5 stitches	forehead	1 2
179 880823bep0002 10	6 yr old female was standing between swing set frame and glider. Her two yr old sister was on glider, and she had to move out of the way. While doing so, she hit her on the frame's pole contacting uncapped screws.	5 laceration - 7 stitches	chin	3 4
69 880628bep0001 10	7 yr old male seated at top of slide. 2 siblings riding in the glider, next to the slide. Victim reached out and attempted to stop glider by putting his arm in the path of vertical supports. Arm was struck by supports, fracturing wrist.	3 fracture	right wrist	1 4
80 880623bep0001 10	8 yr old male standing on top of swing set sliding board was holding the top tapered ends of glider swing support, right near the hinge. Victim began to swing teeter-totter (unoccupied) in large arcs. He got right thumb pinched by the hinge.	4 pinch and crush/cut of thumbnail	right thumb	2 4

Incident Information
Sorted by Product Type

Our Case Case	Product Incident Description	Injury Type of Mode Injury	Body Location of Injury	Mode Pt in Use Seq
49 880404bep0001	12 4 yr old male climbed to top of slide, placed swing seat on slide, sat on it and began down slide. According to victim, as slack left swing chains, he was thrown off slide and fell.	1 fracture	lower arm just above wrist	2 2
18 880610bep0010	12 9 yr old female was swinging on stomach being pushed by playmate at same time holding onto ring lift extending down from main support bar. Victim's hand slipped from ring. She fell striking her left side against the frame of glider-swing.	13 bruise	rib of left side	2 2

Incident Information (Continued)
Sorted by Product Type

Our Case Case	Product Inter- action with Other Children	Description of Interaction	Fall Cause To	Fell Cause Of	Height by	Moving Act parts	Other--Description by of Actuation	Product Part Involved
56 880413bep0001	1 Y	Swing causing accident was being pushed by victims sister, cousin was in swing. The familiarity with other children may have caused her to come closer to the swing than she would have otherwise.	n		0.00 Y	2		front of swing
178 880819bep0003	1 Y	"Teenage" mother was occupant of swing.	Y	1 8	0.00 Y	2		swing seat
24 880526bep0003	1 Y		Y	1 8	0.00 Y	2		unclear either swing and/or occupant.
45 880427bep0001	1 Y	Victim struck by swing used by uk 14 yr old.	n		0.00 Y	2		swing seat
105 880831bep0005	1 Y	Swing's occupant.	uk		0.00 Y	2		swing seat
111 880919bep0003	1 Y		Y	1 5	2.00 uk	1		unknown rocking horse
7 880509bep0006	1 n		Y	1 8	1.75 n	1		unknown central support of swing unit
27 880531bep0006	1 n		n		0.00 Y	1		metal part - not specified which part
28 880531bep0011	1 n		n		0.00 Y	2		swing seat, chains
87 880913bep0014	1 Y	Sister was swinging on swing at the time the victim was hit.	n		0.00 Y	2		swing seat
63 880804bep0002	1 Y	Older boy pushing female victim on swing. He pushed too high.	Y	1 9	9.00 Y	2		swing seat
107 880919bep0009	1 Y	Victim was being pushed on swing by 9 yr old male.	Y	1 9	0.00 Y	2		swing seat
116 881031bep0003	1 n		Y	1 5	2.00 Y	1		swing horizontal bar of A-frame
187 880405bep0003	1 n		Y	1 9	4.00 n	2		unknown swing seat
12 880424bep0001	1 n	Children created interference with victim's path.	Y	4 9	0.00 uk	2		swing seat
42 880623bep0003	1 Y	Friend and victim both caused motion of swing.	n		0.00 Y	3		swing
30 880517bep0009	1 Y	Victim's playmates were using the swings.	n		0.00 Y	2		rope swing plastic seat
114 881123bep0001	1 Y		Y	1 2	3.00 n	2		swing (not directly involved)
184 880725bep0003	1 n	Victim was hit by empty swing which had been pushed by one of the other children playing with equipment.	n		0.00 Y	2		
9 880506bep0006	1 Y		Y	1 8	3.00 Y	1		
3 880701bep0003	1 n		Y	1 8	3.00 Y	1		

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Incident Information (Continued)
Sorted by Product Type

Our Case	Product	Inter-	Description of Interaction	Fall	Cause	Height	Moving	Act	Other--Description	Product Part
Case		action	with Other Children	To	of fall		parts	by	of Actuation	Involved
90 881018bep0002	1	Y	Competition between the two children to see who could jump furthest from swings.	Y	1 5	4.50 Y	1			swing seat
121 880927bep0003	1	n		n		0.00 Y	1			swing
123 880920bep0014	1	n		n		0.00 Y	1			swing's chain links
165 881122bep0001	1	n		Y	1 3	1.25 Y	2			swings
194 880717bep0001	1	n		Y	1 5	0.00 Y	1			swing
68 880609bep0002	1	uk		Y	1 8	0.00 Y	1			chain support of swing
15 880406bep0002	1	Y	All 4 children were pushing the 4th on the swing.	n		0.00 Y	3			chain and link connecting tire to equip
4 880802bep0019	1	Y	Indirectly with child on swing.	n		0.00 Y	2			not stated-either child or swing itself
84 880927bep0006	1	n		Y	1 2	3.00 Y	1			trapeze bar
117 881003bep0002	1	uk		Y	1 5	0.00 Y	1			swing
76 880524bep0007	1	uk	There were 5 other children supposedly on playground with victim.	Y	1 9	1.33 uk				swing seat (wooden) metal chains.
37 880603bep0001	1	n		Y	1 3	1.50 Y	1	1		swing seat
23 880517bep0006	1	Y	Victim being pushed on swing by sister.	Y	1 2	6.58 Y	2			chain supports
139 881109bep0002	1	n		Y	1 8	4.50 Y	1			swing chain link hook
183 880802bep0002	1	n		Y	1 8	4.50 Y	1			rope of tire swing
43 880601bep0006	1	Y	Jumped as a result of dare from brother.	Y	1 5	6.00 Y	1			seat
137 880602bep0011	1	n		Y	1 9	0.00 n				support bar of swing set
195 880725bep0006	1	n		n		0.00 Y	1			connection between seat and chains
14 880410bep0001	1	n		Y	1 8	3.00 Y	1			rings
16 880630bep0001	1	Y	Accident caused by occupant of swing's unusual dismount.	n		0.00 Y	2			not stated- assumption is wooden seat
21 880519bep0002	1	Y		Y	1 6	0.00 Y	3			swing
150 880927bep0015	1	Y	12 yr old male trying to swing an empty baby swing so high as to wrap it around top pole, but it hit victim.	n		0.00 Y	2			baby swing seat
190 881020bep0001	1	n		Y	1 5	0.00 Y	1			swing
11 880430bep0001	1	n		Y	1 2	7.00 n				top support bar of swing set
103 880920bep0007	1	uk		Y	1 9	0.00 Y	1			swing seat and supporting chains
157 881223bep0001	1	Y	Victim was pushed.	Y	1 6	2.00 Y	2			swing

Incident Information (Continued)
Sorted by Product Type

Our Case	Product Inter-	Description of Interaction	Fall Fell Cause	Height Moving Act Other--Description	Product Part Involved
Case	action with Other Children	To of Fall	parts by of Actuation		
66 880607bep0006	1 n		Y 1 3	5.00 Y	swing seat
61 880816bep0002	1 Y	Another child was pushing victim on swing.	Y 1 3	4.50 Y	swing seat, chains
151 881004bep0007	1 n		n	0.00 Y	chain link
162 881209bep0001	1 n		Y 1 2	10.00 Y	swing chains
144 881116bep0002	1 n		Y 1 8	6.00 Y	"S" hook connecting seat to chains
182 880808bep0001	1 n		Y 1 2	2.50 Y	chains of swing
36 880620bep0001	2 n		Y 1 3	4.67 n	sliding board and railing
161 880727bep0004	2 n		Y 2 9	2.00 n	sliding board and/or steps
100 880831bep0004	2 n		Y 1 1	5.67 n	top of slide
153 881006bep0003	2 n		Y 1 9	4.00 n	steps of ladder to slide
82 880609bep0005	2 n		Y 1 1	7.00 n	slide
81 880520bep0005	2 n		Y 1 8	6.00 n	steps, ladder rungs
79 880712bep0007	2 Y	Her attention to 13 yr. old made her inattentive to her own situation.	Y 1 1	3.58 n	slide
98 880706bep0005	2 n		Y 1 9	5.00 n	steps, rungs
141 880912bep0021	2 n		Y 1 3	12.00 n	step of ladder to slide
155 881127bep0001	2 n		Y 2 3	6.00 n	steps of ladder to slide
70 880511bep0001	2 n		Y 2 1	3.00 n	sliding board
78 880625bep0001	2 n		Y 1 9	5.92 n	slide platform
8 880508bep0003	2 uk		Y 1 1	0.00 n	sliding board
138 881219bep0001	2 Y	Victim was pushed by child sliding behind her.	Y 1 6	0.00 n	sliding board
167 880615bep0004	2 n		n	0.00 n	sand surface
171 880922bep0005	2 n		Y 1 9	8.17 n	steps of ladder to slide entrance
166 880906bep0002	2 n		Y 1 1	9.00 n	top of slide
57 880412bep0003	2 n		Y 1 9	5.92 n	stair tread
22 880512bep0003	2 Y	Jumped in imitation of another child. Dismounted slide by jumping from ladder immediately preceding him.	Y 1 5	0.00 n	steps
86 880922bep0003	2 n		Y 2 1	1.50 n	steps
74 880601bep0013	2 n	Not contributory factor, although area was crowded. He may have been pushed. Investigator indicated platform too narrow. Just the pressure of people immediately behind him could have caused him to rush.	n	0.00 n	unclear
75 880509bep0007	2 Y		Y 1 9	7.33 n	steps, platform

Incident Information (Continued)
Sorted by Product Type

Our Case Case	Product action	Inter- Description of Interaction action with Other Children	Fall To	Fell Cause	Height of Fall	Moving parts by	Act Other--Description of Actuation	Product Part Involved
1 880711bep0012	2	n	y	2	1	0.00 n		steps of slide
99 880601bep0003	2	n	n			0.00 n		slide walls, trough
164 8811110bep0002	2	n	y	2	1	0.00 n		sliding board
169 880418bep0006	2	n	n			0.00 n		ground surface
51 880509bep0004	2	n	y	2	1	0.00 n		ladder rung
104 880820bep0001	2	y	y	1	3	4.67 n		steps, platform to slide
		Victim's sister was hanging on his leg, impeding his progress and causing imbalance.						
109 880901bep0003	2	y	y	1	9	1.00 n		slide board and rail
		Trying to escape from friend during a game of tag.						
65 880525bep0006	2	uk	y	1	9	0.00 n		steps of slide
38 880516bep0004	2	n	y	1	9	1.75 n		step
135 881107bep0002	2	y	y	1	6	4.00 n		slide platform, steps
163 880518bep0005	2	y	y	1	6	9.17 n		slide and platform
		Victim was pushed. Victim was pushed by playmate during "horseplay" on slide platform.						
48 880407bep0001	2	y	y	1	6	7.83 n		metal bars--footholds for climbing
91 880629bep0003	2	n	y	2	1	0.00 n		steps, platform
108 880608bep0001	2	n	n			0.00 n		slide
32 880606bep0018	2	n	y	1	3	5.83 n		slide and platform
64 880515bep0001	2	n	y	2	1	0.00 n		tubular steps to slide
168 880419bep0004	2	n	y	1	1	2.00 n		slide chute
170 881002bep0002	2	n	y	1	1	5.17 n		slide chute
6 880510bep0009	3	y	y	1	9	3.00 y	5	Not clear since boy was so small in comparison to brother, his brother may have been creating movement.
		Interaction only peripheral through mother's letting go of victim's hand to pick up brother.						see-saw
2 880701bep0001	3	n	y	1	9	3.00 n		
		Pushing down see-saw perhaps in an attempt to sit on it while down.						board of see-saw
13 880411bep0003	3	n	n			0.00 y	1	
		Another child's action caused injury.						see-saw seat
177 880921bep0005	3	n	uk			0.00 y	3	seat of see-saw
110 881027bep0003	3	y	n			0.00 y	2	
158 881015bep0001	3	y	y	1	3	4.00 y	3	teeter-totter
5 880809bep0006	3	y	n			0.00 y	2	see-saw seat
		Accident initiated by other child who put see-saw in motion.						

Incident Information (Continued)
Sorted by Product Type

Our Case Case	Product Inter- action with Other Children	Description of Interaction	Fall Fell To	Cause of Fall	Height by	Moving parts	Act by	Other---Description of Actuation	Product Part Involved	
54 880418bep0001	3	Y	2 children on see saw (victim & playmate).	Y	1	1	4.67 uk	5	see-saw may have been in motion when victim attempted to dismount (not stated).	see-saw seat
156 881021bep0002	3	Y	One boy on see-saw with victim, and another victim pushed her off.	Y	1	6	1.50 Y	3		see-saw board
88 880524bep0005	3	Y	Other occupant of equipment used see-saw in unintended manner, causing accident.Victim was not holding onto handles.	Y	1	7	4.00 Y	2		see-saw
67 880720bep0008	4	n	Indirect involvement- victim was trying to get across horizontal bars to where other children were.	Y	1	8	4.33 n			vertical ladder
113 880810bep0001	4	n		Y	1	2	5.00 n			rungs, rope supports
20 880617bep0008	4	n		Y	1	3	0.00 n			bars of climbing apparatus
159 880926bep0009	4	n		Y	1	9	0.00 n			boat climbing structure
17 880627bep0005	4	Y	Child playing with older brother and sister.	Y	1	2	3.50 n			bars of climbing apparatus
35 880617bep0009	4	n		Y	1	2	2.00 n			vertical pole
124 881130bep0001	4	Y	Victim was pushed by playmate.	Y	1	6	3.00 n			bars of climbing apparatus
136 881014bep0001	4	Y	Victim was pushed.	Y	1	6	4.88 n			railings around platform
176 880811bep0010	4	n		Y	1	9	3.00 n			bars of climbing apparatus
25 880520bep0003	4	n		Y	1	2	3.00 n			vertical supports
59 880503bep0009	4	n		Y	2	2	3.50 n			grab handles within tunnel ladder
106 880808bep0006	4	n		Y	1	2	7.25 n			rungs of horizontal ladder
180 880829bep0002	4	n		Y	1	2	0.00 n			bars of climbing apparatus
26 880519bep0004	4	Y		Y	1	2	3.50 n			bars of climbing apparatus
94 880606bep0001	4	n		Y	1	2	6.40 n			rungs of horizontal ladder
85 880810bep0002	4	n		Y	1	9	3.50 n			platform
127 880830bep0003	4	n		Y	1	2	3.00 n			bars of climbing apparatus

Incident Information (Continued)
Sorted by Product Type

Our Case Case	Product Inter- action	Description of Interaction with Other Children	Fall To	Fell Cause Of Fall	Height Moving parts by	Act Other--Description of Actuation	Product Part Involved
134 880707bep0004	4	n	y	1 2	5.67 n		rungs of horizontal ladder
147 881017bep0015	4	n	y	1 2	6.00 n		rungs of horizontal ladder
192 881005bep0001	4	n	y	1 2	5.00 n		rungs of horizontal ladder
193 881217bep0001	4	n	y	1 2	6.67 n		rungs of horizontal ladder
72 880606bep0016	4	n	y	1 2	5.25 n		horizontal bar of jungle gym
77 880706bep0001	4	n	y	1 2	7.50 n		rungs of horizontal ladder
44 880426bep0004	4	y	y	1 6	5.00 n		bars of climbing apparatus
40 880520bep0007	4	n	y	1 2	2.83 n		turning bar
33 880613bep0005	4	n	y	1 3	8.50 n		wooden support beam
34 880616bep0004	4	n	y	1 2	2.33 n		bolts protruding from swing set, ladder platform, central support bar
93 880813bep0003	4	y	y	4 9	0.00 uk	2	
60 880824bep0002	4	n	y	1 2	4.00 n		rungs of horizontal bars
119 881201bep0001	4	n	y	1 2	3.00 n		bars of climbing apparatus
120 881006bep0001	4	n	n		0.00 n		bars of climbing apparatus
122 880914bep0002	4	uk	y	1 2	6.50 n		bars of climbing apparatus
125 881026bep0002	4	n	y	1 5	0.00 n		bars of climbing apparatus
126 881025bep0003	4	y	y	1 1	6.00 n		bars of climbing apparatus
130 881021bep0001	4	n	y	1 2	6.00 n		bars of climbing apparatus
146 881111bep0003	4	y			0.00 n		bars of climbing apparatus

Incident Information (Continued)
Sorted by Product Type

Our Case	Product Inter- action	Description of Interaction with Other Children	Fall Cause	Height	Moving Act	Other--Description	Product Part Involved
Case			To	of Fall	parts by	of Actuation	
152 881013bep0002	4	n	y	1	2	6.17 n	rungs of horizontal bars
172 880506bep0004	4	n	y	1	2	6.17 n	horizontal bar
173 880728bep0011	4	n	y	1	9	3.00 n	bars of climbing apparatus
175 880516bep0007	4	n	y	1	2	0.00 n	bars of climbing apparatus
191 881010bep0001	4	n	y	1	9	6.00 n	bars of climbing apparatus
10 880505bep0004	4	y	y	3	8	0.00 n	unknown
29 880425bep0006	4	n	y	1	2	5.00 y	metal ring
50 880429bep0001	4	n	y	1	5	5.25 n	platform
58 880408bep0005	4	n	y	1	2	6.92 n	rungs of horizontal ladder
112 880918bep0002	4	n	y	1	2	7.17 n	rungs of horizontal ladder
115 880919bep0008	4	n	y	1	2	10.00 n	rungs of horizontal ladder
118 881125bep0001	4	y	y	1	5	4.50 n	horizontal bars of climbing apparatus
128 881114bep0004	4	y	y	1	9	2.50 n	bars of climbing apparatus
140 880901bep0004	4	y	y	1	5	0.00 n	bars of climbing apparatus
143 881128bep0001	4	n	y	1	2	6.00 n	bars of climbing apparatus
148 880801bep0004	4	y	y	1	9	5.67 n	platform of structure (roof of station)
149 881202bep0001	4	uk	n			0.00 n	tunnel
46 880422bep0005	4	n	y	1	2	2.50 n	overhead
47 880408bep0002	4	n	n			0.00 n	swinging/support bar
52 880427bep0002	4	n	y	1	8	5.00 n	rungs of horizontal ladder
132 880908bep0003	4	n	y	1	2	7.33 n	horizontal bar
41 880513bep0005	4	n	y	1	8	6.75 n	rungs of horizontal ladder

Incident Information (Continued)
Sorted by Product Type

Our Case Case	Product Inter- action with Other Children	Description of Interaction	Fall To	Fell Cause of Fall	Height Moving parts by of Actuation	Other--Description parts by of Actuation	Product Part Involved
89 880909bep0003	4 n		y	1 2	7.50 n		rungs of horizontal ladder
129 881105bep0001	4 y	Victim was playing "freeze tag" with classmates.	uk		0.00 n		bars of climbing apparatus
133 881004bep0006	4 n		y	1 2	6.67 n		horizontal bar
55 880414bep0002	4 n		y	1 2	6.83 y	1	rings
96 880504bep0002	4 y	While talking to a friend, the victim was pushed by a third playmate, causing the injury.	n		0.00 n		post, 6"x6"x45.5"
188 881205bep0001	4 n		y	2 9	7.00 n		base of climbing apparatus, and posts
189 881024bep0002	4 n		y	1 8	4.00 n		bars of climbing apparatus
101 880713bep0002	4 n		y	1 2	8.50 n		rungs of horizontal ladder
154 881011bep0006	6 uk		uk		0.00 uk		unknown
31 880602bep0005	6 y	Only in relation to other children on equipment and creating motion of equipment.	y	1 1	2.33 y	5	undercarriage
142 880913bep0001	6 y	Older male pushing equipment too fast.	y	1 1	1.17 y	2	top surface of merry-go-round
53 880418bep0005	6 y	Since merry-go-round was in motion, both children would have been working to create the motion by either pumping the handle (not victim-no pump handle) or pushing with the feet to control the speed.	n		0.00 y	3	unclear
131 881024bep0001	7 y		n		0.00 y	3	animal on end of pole
160 880715bep0016	9 n		y	1 1	3.00 y	1	stirrup for feet at bottom of ropes
83 880708bep0001	9 n		y	1 8	5.30 y	1	trolley cable
145 881229bep0001	9 n		n		0.00 n		support pole of basketball backboard
39 880523bep0005	10 n		n		0.00 y	2	uncovered bolt protruding from swing set
102 880527bep0005	10 n		y	1 3	3.00 n		crossbar of "A-Frame", glider support

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Incident Information (Continued)
Sorted by Product Type

Our Case Case	Product Inter- action	Description of Interaction with Other Children	Fall To	Fell Cause of Fall	Height Moving parts by of Actuation	Act Other--Description by of Actuation	Product Part Involved
181 880906bep0009	10 n		n		0.00 y	1	glider frame
62 880603bep0004	10 y		y	1 3	0.00 y	3	swing (glider) seat
71 880714bep0002	10 n		y	1 2	4.42 n		x-bar support, glider swing seat
19 880610bep0007	10 n		y	1 9	1.00 uk		glider
73 880719bep0002	10 y	Both children providing motion of swing-speed of swinging.	y	1 8	1.33 y	3	pendulum swing, support bar bolt
179 880823bep0002	10 y	2 yr old sister on glider, victim had to move quickly out of her way.	n		0.00 y	2	pole of swing set frame, screws
69 880628bep0001	10 y	2 siblings on glider	n		0.00 y	2	glider's vertical supports
80 880623bep0001	10 n	Possible distraction of other children in area.	n		0.00 y	1	hinge area of glider swing
49 880404bep0001	12 n		y	1 7	3.50 y	1	swing seat, chains, slide
18 880610bep0010	12 y	Motion of swing was being supplied by playmate.	y	1 2	3.00 y	3	swing, ring, glider

Incident Information (Continued)
Sorted by Product Type

Our Case Case	Product Material of Parts	Physical Characteristics of Product	Anthro Description of Developmental Char.	Comments on Incident
56 880413bep0001	1 metal	Hardness of metal	visual perception, ability to gauge distances	
178 880819bep0003	1 wooden	Heavy, inflexible	0 visual perception	
24 880526bep0003	1 wood		0	
45 880427bep0001	1 plastic	Swing set with multiple uses, closely placed creating greater hazard to multiple users.	0	
105 880831bep0005	1 metal	Hard surface	0 visual and depth perception (i.e. swing distance)	
111 880919bep0003	1 unknown		0 visual perception	
7 880509bep0006	1 plastic metal	May have been in movements at time of jump	7 balance, body control	
27 880531bep0006	1 unknown	Unknown	1246 balance, coordination	Swing too large and perhaps too high for victim to control properly.
28 880531bep0011	1 metal - steel	Victim's mother felt central support pole was too close to swings, not allowing for deviation in pat	0	
87 880913bep0014	1 metal	Smooth, hard	0	
63 880804bep0002	1 plastic or leather, flexible	Length of chain permitting high swinging, flexibility of seat	4	
107 880919bep0009	1 metal chain	Smooth, flat, unpainted wood. The problem was the concrete slab she hit upon falling.	0	
116 881031bep0003	1 plastic	Painted, smooth	0 balance, coordination	
187 880405bep0003	1 metal		0	
12 880424bep0001	1 unknown		0	
42 880623bep0003	1 metal	Metal swing seat possible sharp corners, possibly too close to fence.	0 visual perception, ability to gauge distance from swing to self	
30 880517bep0009	1 rubber(mother)	Metal causing laceration.	0	
114 881123bep0001	1 metal, possible composition in horse part	Smooth, hard, unyielding	0 visual perception, awareness	
184 880725bep0003	1 rope		34	
9 880506bep0006	1 plastic	Hard, out of control	0 body control, visual awareness of swing	
3 880701bep0003	1 swing seat plastic, metal support chains		4 balance, coordination	Heat may have been contributory factor causing dizziness in addition to height of swinging. Or she may have slowed down too quickly.

Incident Information (Continued)
Sorted by Product Type

Our Case Case	Product Material of Parts	Physical Characteristics of Product	Anthro Description of Developmental Char.	Comments on Incident
90 881018bep0002	1 leather	Stability of seat where attached to support chain.	0 body control, coordination	
121 880927bep0003	1 rubber swing, metal bolts, chains, frame	The metal plate where the rubber seat was attached to chain had a steel rivet, protruding approx 1/8".	0 visual perception	
123 880920bep0014	1 metal	Dimensions of links: long axis 3 2", short axis approx 1 1/2". Clear space btwn links 1 1/32".	3	
165 881122bep0001	1 canvas seat, metal chains	Asphalt surface is the major problem: it had deteriorated so that there were deep cracks and holes.	4 balance, coordination	
194 880717bep0001	1 metal seat and chains	It's not clear whether seat or chains were involved in impact.	0 visual perception, Mother said she didn't have enough physical dexterity for swg	
68 880609bep0002	1 unknown	Size of links and metal ring	0	Child probably grabbed chain rings rather than pushing child and/or swing.
15 880406bep0002	1 metal	Unknown	0	
4 880802bep0019	1 metal swing	Smoothness of bar	4 reaction time, coordination	
84 880927bep0006	1 metal	Swing height from ground?	4 balance, coordination	Obvious problems assessing this incident. Scarcity of details & report of victim's physical cond. suggest fall due to palsy but can't be correlated. School perplexed by lack of report.
117 881003bep0002	1 metal		4	Implications seem to be that child lost her balance while lowering herself to seat while swing was still in motion.
76 880524bep0007	1 wood, metal		4	Grip strength might be a factor but unknown since no reason given for victim letting go.
37 880603bep0001	1 metal	Smooth metal	4 balance, coordination	Principal replaced the eye-bolt connections with a manufactured swing set swivel system.
23 880517bep0006	1 metal			
139 881109bep0002	1 metal	Swing chains connected to wooden frame with an eye-bolt system.	0	
183 880802bep0002	1 rope	It must have been weak or worn enough to break.	0	
43 880601bep0006	1 steel chains, smooth rubber seat		0 coordination, balance	

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Incident Information (Continued)
Sorted by Product Type

Our Case Case	Product Material of Parts	Physical Characteristics of Product	Anthro Description of Developmental Char.	Comments on Incident
137 880602bep0011	1 metal	Smooth	0	Victim was clearly misusing the equipment because the "top bar" of a swing set is not meant for climbing on and hanging from.
195 880725bep0006	1 metal, plastic seat, metal chain	Unclear whether there was a sharp edge or what exactly caused the laceration.	0	
14 880410bep0001	1 metal	The rings and their support cords (chains?) the length of supports and their flexibility.	124 coordination	It was stated in report that his timing was off. It may have been also that he lost control of rings.
16 880630bep0001	1 wooden swing, rope	If swing was tied unevenly (e.g. to tree) so as to create imbalance, swing can easily go out of ctrl.	0 coordination	Ability to move quickly out of the way, may have tried to either duck or grab swing.
21 880519bep0002	1 metal		4 balance	The child indicated he was in motion at time of accident. Combination of swing in motion and unexpected push may have caused either or both loss of grip or imbalance of his body on the swing.
150 880927bep0015	1 hard plastic	Solid, smooth surface	0 visual perception	
190 881020bep0001	1 canvas seat, metal chains		0	
11 880430bep0001	1 metal	Smooth metal	234	
103 880920bep0007	1 rubber, metal		0 balance, coordination	
157 881223bep0001	1 metal chains, seat of composite material		0 balance	
66 880607bep0006	1 wood 1 1/2" thick, covered by metal	Seat measures 20"x8.25"x1.5", hanging from 9' chains.	4 balance, coordination	
61 880816bep0002	1 rubber seat, metal chains	Perhaps flexibility of rubber seat, taughtness of chains.	0 balance, coordination	
151 881004bep0007	1 metal	Dimensions unknown, but described as large.	3	
162 881209bep0001	1 metal	Investigator said "S" hooks not completely closed around	4 balance	
144 881116bep0002	1 metal	metallic brackets on seat.	0	
182 880808bep0001	1 metal covered with plastic	Smooth		
36 880620bep0001	2 aluminum board, metal railing	Height on side railing 4"x1.5" wide (within guidelines).	12 balance, coordination	Child's grasping of railing combined with forward momentum down slide probably contributing to fall.

Incident Information (Continued)
Sorted by Product Type

Our Case Case	Product Material of Parts	Physical Characteristics of Product	Anthro Description of Developmental Char.	Comments on Incident
161 880727bep0004	2 metal	Sliding board, smooth, and steps had a raised pattern. Whole slide was metal and hot due to weather.	0	
100 880831bep0004	2 metal	Smooth surface	0	balance, coordination
153 881006bep0003	2 metal	Skid resistant surface cast into metal.	47	balance
82 880609bep0005	2 metal	Slope and vertical spacing of steps within CPSC guidelines, width slightly short.	347	
81 880520bep0005	2 metal	Slide width 19" across, railings 7" high	0	body control
79 880712bep0007	2 metal	Spaces between rungs were 9" high, rungs were 6" deep (within CPSC guidelines).	0	balance, coordination
98 880706bep0005	2 metal, 15" .75" dia., 11.5" apart	Hard, smooth	67	The reach required for backing down ladder might have been difficult for 3 yr old.
141 880912bep0021	2 metal	Smooth	0	
155 881127bep0001	2 metal	Textured, skid resistant surface	0	Balance
70 880511bep0001	2 metal	Smooth, slick	4	coordination
78 880625bep0001	2 wooden boards		0	
8 880508bep0003	2 metal	Smoothness, angle of drop	47	balance
138 881219bep0001	2 metal	Smooth	0	
167 880615bep0004	2 sand	Broken glass embedded in sand.	0	
171 880922bep0005	2 metal	Textured	0	
166 880906bep0002	2 metal	Smooth	0	
57 880412bep0003	2 iron		47	balance, coordination
22 880512bep0003	2 rough metal		12	balance, body control
86 880922bep0003	2 metal	Hard ungluing surface.	7	balance, coordination
74 880601bep0013	2 unclear - metal slide		0	
75 880509bep0007	2 metal	Dimensions of steps and platform do not conform to CPSC guidelines.	4	balance
				See earlier comments describing physical dimensions--none conforming to CPSC guidelines--may have contributed to fall(e.g., platform too narrow, railing too low).
				While climbing up slide board she would have had to coordinate both her feet while gripping the sides with her hands to balance herself and coordinate her movements.
				Child may have been gripping sides of slides as he climbed up slide section. If he had stronger grip might not have fallen.

Incident Information (Continued)
Sorted by Product Type

Our Case Case	Product Material of Parts	Physical Characteristics of Product	Anthro Description of Developmental Char.	Comments on Incident
1 880711bep0012	2 metal	Steps have rough finish. Don't know angle.	3467	
99 880601bep0003	2 fiberglass	Smooth-sided, spiral section slightly wider than bottom which was 16" wide.	0 body control	
164 8811110bep0002	2 metal	Smooth	0 b	
169 880418bep0006	2 unknown	Smoothness of metal, curve of ladder rungs, 11.25" btwn. rungs, 1" rung diameter	367	This was not the first time the victim has lost consciousness resulting from playground incidents, according to daycare supervisor. Treatment at ER for this was for head contusion, although none reported as such by victim.
51 880509bep0004	2 smooth metal			
104 880820bep0001	2 wood timbers	None. Normally safe, well made. Platform 7'4" x 35" wide. Steps 47"x11".	balance, coordination	
109 880901bep0003	2 metal	Angle of slide, side rail height	0 coordination	Speed of slide and attempt to get up and get off slide quickly could be contributing factor to incident, regardless of whether she tripped or jumped.
65 880525bep0006	2 metal	Tubular metal steps 6" wide. Alternating heights btwn. 3 vert. posts, no treads or non-skid surface.	47	
38 880516bep0004	2 metal	Metal step with diamond relief pattern.	7	Child's physical disability may have been a factor in fall. Also, possible further handicap suggested/implied by investigator.
135 881107bep0002	2 wood, 4"x4" lumbers	Platform 22" wide, steps approx. 7.5' apart. Platform not totally encompassed by barriers.	0 balance	
163 880518bep0005	2 metal	Barriers at top do not conform 0 to CPSC (not at least 38")-this is the only detail not conforming.		
48 880407bep0001	2 metal/plastic/wood	Height of platform - manipulation of structure in gaining access to platform.	4 body control, balance	
91 880629bep0003	2 metal steps with raised pattern	Smoothness of metal dist btw steps 9.5", length 19.25", railing 9" from steps, width of tred unk.	7 coordination, body control	

Incident Information (Continued)
Sorted by Product Type

Our Case Case	Product Material of Parts	Physical Characteristics of Product	Anthro Description of Developmental Char.	Comments on Incident
108 880608bep0001 32 880606bep0018	2 metal 2 metal	Hard, unyielding, possible edge Smooth platform area, some sand on it.	0 0 body control	
64 880515bep0001	2 metal	Worn smooth, potentially slippery, irregularly placed 14" apart, not even, some slightly angled.	7	
168 880419bep0004 170 881002bep0002 6 880510bep0009	2 metal 2 metal 3 wood	Smooth Smooth Unclear	0 0 1246	
2 880701bep0001	3 metal	Possibly slippery though surface was listed as rough by respondent.	7 visual perception	Since there was such a great imbalance in size between children using factor, many of the above could have been contributory. Not clear as to why victim stepped off see-saw whether or not looking or lost balance, or misjudged step. This was never stated.
13 880411bep0003	3 wood	May have been heavy due to wood construction, therefore hard for 4 yr. old to manipulate.	126 not strong (or coordinated) enough to manipulate equip.	
177 880921bep0005	3 wood	Most of seat area was smooth but rough around the edges, probably due to wear. Hard, unyielding	17 0 visual perception 0 balance, coordination	
110 881027bep0003 158 881015bep0001	3 wood 3 wood seats, metal frame			Grandmother seems to be the cause of this incident, because she never could have lifted the child off the opposite end of the teeter-totter.
5 880809bep0006 54 880418bep0001	3 wood 3 wood	Hard wood, rebound action of board. Weight of board, distance from 1 ground at time of accident.	0 coordination, reaction time balance	
156 881021bep0002 88 880524bep0005	3 redwood 3 metal and piping	Imbalance of see-saw due to disenbarking. Equip much too large for victim--span form last vertical bar to first horiz. 30" high to 15" across.	0 0 126	The length of the victim's legs in relation to the height of the board at time of dismount may have been a factor.
67 880720bep0008	4 metal			

Incident Information (Continued)
Sorted by Product Type

Our Case	Product Material of Parts	Physical Characteristics of Product	Anthro Description of Developmental Char.	Comments on Incident
113 880810bep0001	4 plastic rungs, rope	Hard, smooth rungs, diameter of rope and rungs unknown.	346	Mother had initially agreed to an on-site but when the investigator called back to schedule an appointment, she changed her mind.
20 880617bep0008	4 metal		0	
159 880926bep0009	4 wood	Child's grip may have been too small - diameter not given.	0	
17 880627bep0005	4 metal		346	Equipment may have been too old for 3 yr old in all ways -- reach, span of steps, and diameter of bars.
35 880617bep0009	4 metal	2.5" dia. pole too thick for 3 yr. old, CPSC lists 1.6" for grasping in railings, none spec. for vrt	34	Due to a very light copy, some of the investigator's report cannot be read. But there are very good pictures with comments.
124 881130bep0001	4 metal	Smooth	4	
136 881014bep0001	4 metal	See dimensions above.	0	
176 880811bep0010	4 metal	Grip diameter of bars unknown.	0	The appearance of the ladder as a slide may have misled child into descending head first rather than feet first.
25 880520bep0003	4 metal - iron	Handles protrude 7/8". Dia.	34	
59 880503bep0009	4 plastic	comply with CPSC but not as to rung distance, width.	6	
106 880808bep0006	4 metal	Smooth, dry. bars 1" dis, 14.75" apart, with first crossbar 15.25" away from ladder section.	46	This backyard swing set is a terrible design, so for examples of one full of hazards, refer to photos in IDI, and the documentation which came with the equipment.
180 880829bep0002	4 metal	Smooth	0	
26 880519bep0004	4 metal	Grip size not indicated.	34	
94 880606bep0001	4 metal	Smooth	46	
85 880810bep0002	4 wood	No bars around platform to restrain.	0	
127 880830bep0003	4 metal	Smooth (see dimensions above).	346	
134 880707bep0004	4 metal		347	
147 881017bep0015	4 metal		4	
192 881005bep0001	4 metal	Smooth	346	

Incident Information (Continued)
Sorted by Product Type

Our Case Case	Product Material of Parts	Physical Characteristics of Product	Anthro Description of Developmental Char.	Comments on Incident
193 881217bep0001 72 880606bep0016	4 metal 4 metal	Smooth Dimensions of bars within guidelines: 3.5" circumference, 1.11" diameter	346 4	
77 880706bep0001	4 smooth metal	Smoothness of metal, possibly span of reach. Ht. 43", vert rungs 1' apart, 32" to first horz., 1" dia	46	balance, coordination
44 880426bep0004	4 metal	Bar may have been loose in support pole, 1/4" diameter, smooth	4	balance, body control
40 880520bep0007	4 smooth surface	2" dia. of bar. CPSC recommends 1 5/8" for 5 yr. olds.	34	
33 880613bep0005	4 wood (treated)	7"x11", set high above ground (over 8'). Probably not meant to be walked on, this is unclear.	12	balance, body control
34 880616bep0004	4 rusty metal	Numerous rusty bolts protruding 1/2" or more, originally capped overhead bar dimensions unknown.	34	
93 880813bep0003 60 880824bep0002	4 metal 4 metal	Unclear Hard, smooth	0 4	balance, coordination balance, coordination
119 881201bep0001 120 881006bep0001 122 880914bep0002	4 metal 4 metal 4 metal bars/rungs, wooden body/structure	Smooth Smooth	46 0 34	coordination
125 881026bep0002	4 metal	Smooth	7	visual perception of distance
126 881025bep0003 130 881021bep0001 146 881111bep0003 152 881013bep0002 172 880506bep0004	4 metal 4 metal 4 metal 4 metal 4 metal	Painted, smooth Smooth Smooth, 1.25" diameter Smooth	17 346 0 346 0	coordination strength, coordination

The break in victim's wrist was not
discovered until next day when she
fell forward onto her hands, crying
out in pain. ER doctor felt that
break was from fall from equip.,
not from victim's fall while
running.

Incident Information (Continued)
Sorted by Product Type

Our Case Case	Product Material of Parts	Physical Characteristics of Product	Anthro Description of Developmental Char.	Comments on Incident
173 880728bep0011	4 metal	Rusty	0	Child may or may not have been watching where she was going. Possible lack of body control in trying to stop. Discrepancy in hospital report and school and victim report. Report from emergency room refers to injury to head but victim & school reported lip laceration.
175 880516bep0007	4 metal		34	
191 881010bep0001	4 metal		0	
10 880505bep0004	4 metal		0	
29 880425bep0006	4 metal	Hard metal in motion. Rings are approx. 18.94" dia, 2' apart. Ring she fell from capable of more motion.	46	body control
50 880429bep0001	4 logs	Height of platform relative to ground.	0	balance, body control
58 880408bep0005	4 metal	This grip size within guidelines. Bars 18" apart. Metal probably cold due to cold weather.	34	
112 880918bep0002	4 metal	Smooth, hard	46	coordination
115 880919bep0008	4 metal	Smooth, tubular bars. They seem too high.	346	
118 881125bep0001	4 metal piping		0	coordination
128 881114bep0004	4 metal		0	balance, coordination
140 880901bep0004	4 metal		0	balance
143 881128bep0001	4 metal, galvanized steel piping 1" dia.	Height 6', lateral bars 14" apart, except at top where there is a 24" gap for swinging through.	46	Investigator states that the school principal said no inspection records are kept. Also, he said he'd review material to be sent by investigator and then submit a request to change to asphalt surface underneath the play equipment.
148 880801bep0004	4 wooden	Height 5'8"---no guard rails, therefore not in compliance with CPSC recommendations. Rough concrete painted with heavy duty enamel.	0	balance, coordination
149 881202bep0001	4 concrete		0	Nurse at school believes tunnels should be removed, as they are unduly hazardous. She says she treats an injury daily. Good commentary on scenarios and types of injuries caused by these concrete tunnels.
46 880422bep0005	4 metal		4	

Incident Information (Continued)
Sorted by Product Type

Our Case Case	Product Material of Parts	Physical Characteristics of Product	Anthro Description of Developmental Char.	Comments on Incident
47 880408bep0002	4 metal	Distance between bars may be factor.	245	
52 880427bep0002	4 smooth metal	Smooth - diameter not specified.	4	
132 880908bep0003	4 metal	Smooth, diameter not stated.	34	
41 880513bep0005	4 metal	Perhaps spacing of bars, victim indicated that they may have been slippery.	34	Diameter of bars unknown, thus hand dimensions are a possible factor.
89 880909bep0003	4 metal steel pipe	Smooth	4	
129 881105bep0001	4 metal		0	Accident probably would not have occurred if victim had not been running and involved in game of "freeze tag" which caused him to rush.
133 881004bep0006	4 metal	Smooth (see dimensions above).	4	
55 880414bep0002	4 metal	Rings 3/4" dia. with 4 7/8" hole, set btw. 18-24-24-20-20-34" apart for entire unit.	46	Weight shift from ring to ring may have been a factor.
96 880504bep0002	4 wood, pressure treated	Hard, unyielding	0	
188 881205bep0001	4 wooden boards serve as the base		0	
189 881024bep0002	4 metal	Smooth	0	
101 880713bep0002	4 metal, structural supports were wood		46	
154 881011bep0006	6 unknown	unknown	0	
31 880602bep0005	6 metal	Spacing between seats on merry-go-round created potential for falls or foot entrapments.	67	balance, coordination
142 880913bep0001	6 metal	Rough, textured surface	0	
53 880418bep0005	6 metal	Unclear	0	
131 881024bep0001	7 metal	Smooth	1	
160 880715bep0016	9 coarse rope	Spaces permit wheels to slip from cable, cable wedges in space, imbalance. Cable diameter, 1/2".	46	balance, coordination
83 880708bep0001	9 metal/plastic		2	
145 881229bep0001	9 metal	Smooth	0	visual perception
				The initial report states that the girl collided with pole of monkey bars, but the on-site corrects that to say upright of basketball backboard, based on the victim's accounts.

Incident Information (Continued)
Sorted by Product Type

Our Case	Product Material of Parts	Physical Characteristics of Product	Anthro Description of Developmental Char.	Comments on Incident
39 880523bep0005	10 metal	About 26 uncovered bolts possible poor spacing of glider relative to support leg.	1	Child may have been leaning slightly sideways.
102 880527bep0005	10 metal	Uncovered metal bolt protruding from vertical glider support caused laceration.	balance, coordination	
181 880906bep0009	10 metal	Hard, ungliving	1	
62 880603bep0004	10 metal	Diameter of x-bar unknown, smoothness of metal	0	
71 880714bep0002	10 metal	Possible screws not properly fastened or tightened caused laceration.	24	
19 880610bep0007	10 metal	Pendulum swing 16" from ground, 10" from support bar.	46	Unable to make any clear determination since both cause of fall and laceration are unclear. Child may have been leaning, with head turned, in order to have lacerated her forehead in place described since bolt is on left of where she was sitting, and forehead was cut toward right side.
73 880719bep0002	10 metal, bolt covered w/ plastic		0	
179 880823bep0002	10 metal	Exposed screws were not covered.	1	
69 880628bep0001	10 metal	Hard metal-proximity to slide, 16"	0	
80 880623bep0001	10 metal	Metal connecting parts--not clear exactly where or how pinch occurred.	0	
49 880404bep0001	12 metal, plastic	Length of chain created a jerking motion when reaching max. length, throwing victim.	0	
18 880610bep0010	12 metal	Ability of child to manipulate multiple parts of eq. suggests that perhaps placed too closely.	346	Child's balance and reach was upset as she lost her grip. Momentum of swing may also have contributed to imbalance.

8.3 IDI SUMMARY TABLES

Table 8.3 - 1

Detailed Incident Analysis: Summary of Data
Sex by Age of Victim

AGE OF VICTIM

SEX	1-5 Years	6-10 Years	11-14 Years	Row Total
Male	39	52	5	96
Female	46	36	11	93
Column Total	85	88	16	189

Table 8.3 - 2

Detailed Incident Analysis: Summary of Data
Location of Equipment by Age of Victim

LOCATION OF EQUIPMENT	AGE OF VICTIM			Row Total
	1-5 Years	6-10 Years	11-14 Years	
Public playground	33	22	7	62
Preschool, day care	5	4	0	9
School	9	38	6	53
Victim's home	21	11	0	32
Other private home	9	5	0	14
Apartment complex	5	6	0	11
Commercial	2	2	0	4
Other	1	0	3	4
Column Total	85	88	16	189

Table 8.3 - 3

Detailed Incident Analysis: Summary of Data
Type of Equipment by Age of Victim

TYPE OF EQUIPMENT	AGE OF VICTIM			Row Total
	1-5 Years	6-10 Years	11-14 Years	
Climber	21	43	2	66
Swing	26	21	6	53
Glider Swing	7	3	0	10
Slide	20	16	4	40
Seesaw	6	3	1	10
Merry-go-round	3	1	0	4
Spring Rocker	1	0	0	1
Multiple Products	1	1	0	2
Other	0	0	3	3
Column Total	85	88	16	189

Table 8.3 - 4

Detailed Incident Analysis: Summary of Data
Injury Mode by Age of Victim

INJURY MODE	AGE OF VICTIM			Row Total
	1-5 Years	6-10 Years	11-14 Years	
Fall	49	54	12	115
Fall; impact with moving equipment	2	0	0	2
Fall; impact with stationary equipment	8	13	1	22
Impact with moving equipment	16	5	0	21
Impact with stationary equipment	1	7	2	10
Cut, puncture	7	4	0	11
Pinch, crush	0	2	0	2
Other	2	3	1	6
Column Total	85	88	16	189

Table 8.3 - 5

Detailed Incident Analysis: Summary of Data
Fall Involved? by Age of Victim

FALL INVOLVED?	AGE OF VICTIM			Row Total
	1-5 Years	6-10 Years	11-14 Years	
Yes	65	68	14	147
No	16	19	2	37
Unknown	4	1	0	5
Column Total	85	88	16	189

Note: The number of cases in which a fall was involved (147) is greater than the number of cases in which a fall was the primary mode of injury (139), because it is possible for a fall to occur without being the primary mode of injury.

Table 8.3 - 6

Detailed Incident Analysis: Summary of Data
Fall To by Age of Victim

FALL TO	AGE OF VICTIM			Row Total
	1-5 Years	6-10 Years	11-14 Years	
Surface	59	61	13	133
Equipment being used	5	5	1	11
Other equipment	0	1	0	1
Other	1	1	0	2
Column Total	65	68	14	147*

* This table only presents the data for cases in which a fall was involved.

Note: The number of cases in which a fall was involved (147) is greater than the number of cases in which a fall was the primary mode of injury (139), because it is possible for a fall to occur without being the primary mode of injury.

Table 8.3 - 7

Detailed Incident Analysis: Summary of Data
Initial Cause of Fall by Age of Victim

INITIAL CAUSE OF FALL	AGE OF VICTIM			Row Total
	1-5 Years	6-10 Years	11-14 Years	
Grip slipped	16	25	3	44
Foot slipped	9	6	4	19
Lost balance	8	3	3	14
Jumped	5	7	0	12
Pushed	3	7	0	10
Thrown from	1	0	1	2
Other	7	7	3	17
Unknown	16	13	0	29
Column Total	65	68	14	147*

* This table only presents the data for cases in which a fall was involved.

Note: The number of cases in which a fall was involved (147) is greater than the number of cases in which a fall was the primary mode of injury (139), because it is possible for a fall to occur without being the primary mode of injury.

Table 8.3 - 8

Detailed Incident Analysis: Summary of Data
Interaction Involved? by Age of Victim

INTERACTION INVOLVED?	AGE OF VICTIM			Row Total
	1-5 Years	6-10 Years	11-14 Years	
Yes	29	32	2	63
No	54	49	14	117
Unknown	2	7	0	9
Column Total	85	88	16	189