PARKING GENERATION DATA COLLECTION

Critical Land Uses: Student Site-Finding Guide

These are the land use codes (LUCs) classified as CRITICAL in the current database.

How to Use This List: Use this list to identify locations that are good candidates for parking counts. You do **not** need to collect data for every land use on the list—choose sites that are available in your area and that you can count accurately and safely.

1. Find a land use you can count
Start with the Land Use and What to Look For columns. Look for a site that clearly matches the description. When in doubt, choose another site rather than trying to make a location fit a land use.

2. Make sure you can clearly count the parking.
Choose a location where you can clearly identify the parking associated with the land use. Dedicated parking lots are easiest. Avoid sites where parking is heavily shared with other businesses or uses unless you can clearly distinguish the parking associated with your site. You must be able to safely observe and count the **entire parking area** throughout the observation.

3. Count for the entire observation period.
The **observation period** tells you both **which day(s) to count and how long the count must last**. If the table says **Weekday • 12PM–3 PM** you must collect data from **12:00–1:00 p.m., 1:00-2:00 p.m., and 2:00-3:00 p.m.**. Do not shorten the observation period or select only a portion of it. If more than one day or observation period is listed, you may choose whichever option works best for your schedule.

4. Counting multiple sites? Look for overlapping observation periods.
You may be able to collect multiple sites on the same day by selecting **nearby locations with overlapping observation periods**. For example:

- LUC 590 – Library: **Weekday • 12 PM–3 PM**
- LUC 660 – Urgent Care Center: **Weekday • 1 PM–4 PM**

If the sites are close together, you can plan a route that allows you to count both. From **1:00–3:00 p.m.,** the observation periods overlap, so you can move between the two sites as you complete the required counts. **Each site must still be observed for its entire listed observation period.** Before heading into the field, make sure travel time and your count schedule allow you to complete every required observation at every site.

5. Check the site's schedule when activity drives parking.
For some land uses—such as churches, schools, convention centers, and entertainment venues, the individual site's schedule matters. Check service times, school calendars, event schedules, or operating hours before selecting the site. Choose a **typical operating day**. Avoid holidays, closures, unusual special events, or other conditions that would make parking substantially different from normal unless the observation instructions specifically call for an event period.

Before You Commit to a Site, Ask Yourself:

- Does this location clearly match the land-use description?
- Can I clearly identify the parking associated with it?
- Can I safely observe and count the entire parking area?
- Is the site operating normally during the listed observation period?
- Can I be there for the entire observation period?

- If I am counting multiple sites, are they close enough that I can complete all required counts at each site every hour?

If the answer to any of these is **no**, choose another location. Refer to the training PPT for more detailed information on site selection and counting procedures.

**Observation periods are based on existing ParkGen time-of-day distributions where sufficient data are available. Where ParkGen does not contain sufficient data to establish a time-of-day distribution, ITE has provided a recommended observation window based on the typical operating characteristics of the land use. These broader windows are intended to increase the likelihood of capturing peak parking demand.*

LUC	Land Use	What to Look For	Observation Period
21	Commercial Airport	Passenger airport; use a clearly defined public parking facility serving the airport.	Weekday • 10 AM–4 PM*
90	Park-and-Ride Lot with Bus or Light Rail Service	Park-and-ride facility serving bus or light rail; parking should be dedicated to transit users.	Weekday • 9 AM–4 PM
130	Industrial Park	Planned industrial development with multiple industrial tenants/buildings and a definable parking supply.	Weekday • 8 AM–4 PM
219	Multifamily Housing - 1 BR (High-Rise)	High-rise multifamily building where the applicable unit mix is 1-bedroom housing.	Weekday • 6 PM–10 PM*
252	Senior Adult Housing - Multifamily	Multifamily housing intended for independent senior adults; not assisted living or a nursing home.	Weekday • 4 PM–8 PM*
253	Congregate Care Facility	Senior residential facility with shared services/common facilities; distinguish from nursing home and assisted living.	Weekday • 11 AM–4 PM*
255	Continuing Care Retirement Community	Campus providing multiple levels of senior housing/care within one defined development.	Weekday • 7 AM–6 PM
310	Hotel	General hotel with identifiable guest/employee parking.	Weekday or Saturday 10 PM–5 AM
311	All Suites Hotel	Hotel composed primarily of suite-style guest rooms.	Weekday • 10 PM–5 AM Saturday • 11 PM–5 AM
330	Resort Hotel	Destination/resort hotel with substantial recreation or resort amenities.	Weekday • 10 PM–4 AM and 8 AM – 12 PM Saturday • 8 PM–12 AM
433	Batting Cages	Commercial batting-cage facility with attributable parking.	Weekday • 5 PM–9 PM* Saturday • 12 PM–5 PM*
437	Bowling Alley	Bowling center with attributable customer/employee parking.	Weekday • 6 PM–10 PM
438	Billiard Hall	Business primarily focused on billiards/pool; not simply a bar with pool tables.	Weekday or Saturday 9 PM–12 AM
440	Adult Cabaret	Adult entertainment/cabaret venue with identifiable parking.	Weekday • 9 PM–5 AM Saturday • 9 PM–12 AM
441	Live Theater	Venue primarily used for live theatrical performances.	Weekday • 7 PM–11 PM
465	Ice Skating Rink	Indoor or outdoor ice-skating rink with parking attributable to the rink.	Weekday • 3 PM–8 PM Saturday • 1 PM–5 PM
466	Snow Ski Area	Ski area/resort parking serving skiing activity.	Any Day • 11 AM–3 PM
473	Casino	Casino/gaming facility with a clearly defined parking supply.	Friday or Saturday 6 PM–11 PM*
481	Zoo	Zoo with visitor parking attributable to the facility.	Saturday or Sunday 11 AM–4 PM*
482	Water Slide Park	Water-slide/water-park facility with attributable visitor parking.	Weekday • 1 PM–5 PM Saturday • 2 PM–5 PM
490	Tennis Court	Standalone tennis-court facility; make sure parking serves the courts being counted.	Weekday • 4 PM–8 PM*

			Saturday • 9 AM–1 PM*
491	Racquet/Tennis Club	Club centered on tennis/racquet activities with identifiable parking.	Weekday • 4 PM–8 PM* Saturday • 9 AM–1 PM*
493	Athletic Club	Private athletic/recreation club; distinguish from a general health/fitness club.	Weekday • 3 PM–6 PM
522	Middle School/Junior High School	Middle school or junior high campus; include all parking serving the school.	Weekday • 10 AM–2 PM*
525	High School	High school campus; include all student, staff, and visitor parking serving the school.	Weekday • 8 AM–5 PM
532	Private School (K–12)	Private school serving multiple K–12 grade levels.	Weekday • 2 PM–5 PM
534	Private High School	Private high school campus.	Weekday • 9 AM–4 PM
536	Charter Elementary School	Charter elementary school campus.	Weekday • 10 AM–2 PM*
550	University/College	College or university campus/facility; only use a parking area that can be clearly tied to the study site.	General Urban/Suburban Weekday • 9 AM–2 PM Center City Core Weekday • 10 AM–3 PM
560	Church	Church with parking serving the congregation/facility.	Use the congregation's primary weekly service • minimum 4 hours spanning service*
561	Synagogue	Synagogue with parking serving the congregation/facility.	Use the congregation's primary weekly service • minimum 4 hours spanning service*
562	Mosque	Mosque with parking serving the congregation/facility.	Use the congregation's primary weekly service • minimum 4 hours spanning service*
580	Museum	Museum with identifiable visitor/employee parking.	Weekday • 11 AM–3 PM Saturday • 2 PM–5 PM
590	Library	Standalone public/community library with dedicated or clearly attributable parking.	Weekday • 12 PM–3 PM
595	Convention Center	Convention/exhibition center with identifiable event parking.	During a scheduled event • minimum 4 hours spanning event activity*
612	Surgery Center	Outpatient surgery center; distinguish from a hospital or general medical office.	Weekday • 9 AM–1 PM
620	Nursing Home	Skilled nursing/convalescent facility; not independent senior housing or assisted living.	Weekday • 1 PM–4 PM
630	Walk-In Clinic	Walk-in medical clinic; distinguish from scheduled general medical offices.	Weekday • 9 AM–1 PM
640	Animal Hospital/Veterinary Clinic	Veterinary hospital/clinic with customer and employee parking.	Weekday • 3 PM–6 PM
650	Free-Standing Emergency Room	Freestanding emergency medical facility that is not part of a hospital campus.	Weekday • 1 PM–5 PM
660	Urgent Care Center	Urgent-care facility; distinguish from a general medical office or emergency room.	Weekday • 1 PM–4 PM
714	Corporate Headquarters Building	Building primarily occupied as one corporation’s headquarters.	Weekday • 8 AM–1 PM
715	Single Tenant Office Building	Office building occupied by a single tenant rather than multiple office tenants.	Weekday • 9 AM–5 PM
735	Judicial Complex	Courthouse/judicial complex with attributable public/employee parking.	Weekday • 2 PM–5 PM
750	Office Park	Multi-building office development/office park with a definable parking supply.	Weekday • 9 AM–1 PM
760	Research and Development Center	Research/laboratory/R&D employment facility rather than a conventional office.	Weekday • 8 AM–4 PM
812	Building Materials and Lumber Store	Lumber/building-materials retailer; distinguish from a general home-improvement superstore.	Weekday • 7 AM–2 PM
814	Variety Store	Variety/general-merchandise store fitting the ITE land-use definition.	Weekday • 4 PM–7 PM
815	Free-Standing Discount Store	Standalone discount retail store; distinguish from a larger discount superstore/club.	Weekday or Saturday 11 AM–5 PM
816	Hardware/Paint Store	Hardware or paint-supply store; distinguish from a home-improvement superstore.	Weekday • 10 AM–1 PM

840	Automobile Sales (New)	New-car dealership; distinguish parked customers/employees from vehicle inventory.	Weekday • 10 AM–4 PM
842	Recreational Vehicle Sales	Recreational-vehicle dealership; distinguish customers/employees from inventory.	Weekday • 2 PM–5 PM
845	Motorcycle Sales	Motorcycle dealership; distinguish customers/employees from inventory.	Weekday or Saturday 12 PM–3 PM Sunday 10 AM–1 PM
848	Tire Store	Tire sales/service store; exclude vehicles queued, stored, or actively being serviced.	Weekday • 11 AM–3 PM
851	Convenience Store	Convenience store without the gas-station component represented by a different LUC. Typically open 24/7.	Weekday • 3 PM–7 PM*
857	Discount Club	Membership/discount club warehouse-style retailer.	Weekday • 11 AM–4 PM Saturday • 11 AM–3 PM
861	Sporting Goods Superstore	Large-format sporting-goods retailer.	Weekday • 12 PM–5 PM Saturday • 2 PM–6 PM Sunday • 12 PM–3 PM
862	Home Improvement Superstore	Large-format home-improvement retailer such as a home-improvement superstore.	Friday • 10 AM–4 PM Saturday • 10 AM–5 PM
863	Electronics Superstore	Large-format electronics retailer.	Weekday • 12 PM–8 PM
864	Toy/Children's Superstore	Large-format toy/children's merchandise retailer.	Weekday • 1 PM–8 PM
866	Pet Supply Superstore	Large-format pet-supply retailer.	Saturday • 11 AM–4 PM*
867	Office Supply Superstore	Large-format office-supply retailer.	Weekday or Saturday 11 AM–4 PM*
868	Book Superstore	Large-format bookstore/book superstore.	Saturday • 11 AM–4 PM*
869	Discount Home Furnishing Superstore	Large-format discount home-furnishings retailer.	Weekday • 12 PM–5 PM
880	Pharmacy/Drugstore without Drive-Through Window	Pharmacy/drugstore without a drive-through window.	Weekday • 11 AM–4 PM*
890	Furniture Store	Furniture retailer with attributable customer/employee parking.	Weekday • 11 AM–7 PM Saturday • 2 PM–5 PM
892	Carpet Store	Store primarily selling carpet/floor-covering products.	Saturday • 1 PM–4 PM
920	Copy, Print, and Express Ship Store	Copy/print/packing/express-shipping storefront with attributable parking.	Weekday • 5 PM–8 PM
928	Food Hall	Food hall with multiple food vendors operating within a shared facility.	Weekday • 11 AM–7 PM* Fri or Sat • 2 PM–5 PM*
930	Fast Casual Restaurant	Fast-casual restaurant: typically order/pay before sitting; distinguish from sit-down and fast-food uses.	Weekday • 11 AM–3 PM Saturday • 5 PM–9 PM
933	Fast-Food Restaurant without Drive-Through Window	Fast-food restaurant without a drive-through window.	Weekday • 11 AM–3 PM*
936	Coffee/Donut Shop without Drive-Through Window	Coffee/donut shop without a drive-through window.	Mon–Thurs • 7 AM–10 AM Saturday • 6 AM–9 AM
941	Quick Lubrication Vehicle Shop	Quick-lube/oil-change business; exclude service bays, queues, and stored vehicles.	Weekday • 3 PM–6 PM
970	Wine Tasting Room	Wine tasting room; parking should serve the tasting-room operation.	Saturday • 2 PM–6 PM
971	Brewery Tap Room	Brewery tap room; parking should serve the tap-room operation.	Mon–Thurs • 5 PM–10 PM Friday and Saturday 4 PM–9 PM