

ZSK statistics & reports – product description for Moodle operators

ZSK statistics & reports (`local_zsk_local_statistics`) provides **site-wide analytics** for Moodle operators and authorised managers: user counts, course usage, enrolments, login behaviour, and course stock — with filters, charts, and CSV export. Data comes from existing Moodle tables; the plugin only stores access lists and optional e-mail clusters.

Plugin	<code>local_zsk_local_statistics</code>
Moodle	4.1 or later (4.4+ recommended for navigation)
Dependencies	No other plugins required
License	GNU GPL — no freemium
Interface languages	German, English, Spanish, Russian, Portuguese, French, Italian
Documentation	German and English (<code>docs/de/</code> , <code>docs/en/</code>)

What problems does the plugin solve?

Moodle holds log data and reports, but **no unified, accessible management analytics** for controlling, quality assurance, and leadership. Operators often face:

No quick overview of users and course usage

Who is registered? Who uses which course? Who is enrolled but never started? Without a plugin this often means **manual SQL** or external BI tools.

Login load is hard to see

When do users log in — by time of day, weekday, month? Institutions need **actionable login patterns**, not raw logs alone.

Course stock and growth lack trends

How do user and course numbers develop over months? Standard Moodle does not ship ready **charts and exports** for management.

Privacy vs. detail

Sometimes names and e-mails are needed, sometimes **anonymous** course usage or completion stats — without two separate systems.

Too many permissions for too small a task

Managers should see reports but **not** become site administrators. Default Moodle roles do not offer this fine control.

Excel from ad-hoc queries

Controlling works with CSV/Excel. Repeated manual database exports are error-prone and not repeatable for business users.

Filter by department or audience

Organisations with multiple units (e-mail domains, departments) want user growth **per cluster** — not totals only.

Benefits

15 reports from one interface

Grouped as **users & usage behaviour**, **logins**, and **course stock** — **each report can be enabled individually** under Site administration → ZSK Statistics → Enable custom reports:

Group	Reports
Users & usage	User overview · Course usage · Course usage (anonymous) · Started, not completed · Enrolled, never started · New users per month · New users (filtered) · Cumulative user growth
Logins	Logins per day (24 hours) · Logins per day (4 blocks) · Logins per month · Login peaks · Login patterns (weekday & time)
Course stock	New courses per month · Cumulative course inventory

Course stock counts **visible courses** only (course and category visible, site course excluded).

Dashboard with filters and charts

Date range, course, search, sort — table and chart per report. Default often: last 12 months. Login reports: **previous/next navigation** for day and month windows. Interactive line charts with **legend toggle** and **fullscreen** (cumulative user growth, filtered new users).

CSV export

Filtered data **in one click** — Excel-friendly (UTF-8 with BOM, semicolon delimiter).

Fine-grained access control

- **Allowlist** recommended: explicitly allowed users only
- Optionally capability `local/zsk_local_statistics:view`
- Site administrators: always access
- Managers: manage allowlist (`local/zsk_local_statistics:manage`)

Privacy in detail

- **Course usage (anonymous)** without name/e-mail
- **Started, not completed** without identity by default
- **Enrolled, never started**: optional name/e-mail via `report_notstarted_showidentity`

E-mail clusters (departments)

Clusters with one or **multiple e-mail suffixes** per cluster for lines in cumulative user growth, new users, and filtered registrations. Managed under **Manage e-mail clusters** (site admin).

Navigation in Boost theme

Dedicated menu entry **Statistics & reports** in the left drawer — independent of other navigation plugins (hook from Moodle 4.4, fallback for older versions).

No vendor lock-in

Standard Moodle local plugin (GPL); data stays on your instance, no external cloud.

Migration from predecessor

Documented upgrade from `local_statistics` (MIGRATION.md).

Feature overview

Area	What you get
Dashboard	<code>/local/zsk_local_statistics/index.php</code>
Reports	15 enableable evaluations in 3 groups
Filter & export	Period, course, search, sort, CSV
Access	Allowlist, capabilities, admin always
Clusters	E-mail suffixes for department views
Help	admin.md · user.md in Moodle
Administration	Site administration → ZSK Statistics (+ link under Reports)
Privacy	Anonymous variants, identity only where configured

Who is it for?

- **Universities and training providers** — controlling, dean's office, IT leadership
- **Companies** — L&D managers, HR analytics, platform operations
- **Moodle partners** — professional reporting without an extra server

Not for students or typical teachers day-to-day — unless explicitly allowed.

What it is not

- **Not** real-time APM-style monitoring
- **Not** activity-level course analytics (H5P stats, quiz details, etc.)
- **Not** a replacement for Moodle's **per-course reports**
- Requires standard logstore — no login reports without login events

Technical requirements (brief)

- Moodle **4.1+** (4.4+ recommended)
- Active **standard logstore** (`logstore_standard_log`) for login reports
- Normal Moodle operation

Setup: INSTALLATIONADMIN.md · SETTINGS.md · Users: user.md

