



# DEPARTMENT OF EDUCATION OFFICE OF THE SUPERINTENDENT



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**JON J. P. FERNANDEZ**  
Superintendent of Education

May 31, 2013

32-13-499  
~~32-13-164~~  
Office of the Speaker  
Judith T. Won Pat, Ed. D.  
Date: 5/31/13  
Time: 2:20  
Received by: [Signature]

Honorable Judith T. Won Pat, Ed.D  
Speaker, 32<sup>ND</sup> Guam Legislature  
Chairperson, Committee on Education, Public Library and Women's Affairs  
155 Hesler Place  
Hagatna, GU 96932

Dear Speaker Won Pat,

Attached herein for your perusal and as required in §58C102 of Public Law 32-009 the "Secure our Schools" Act of 2013 is the Guam Department of Education's ("GDOE") security risk assessment of our public schools.

Within the report GDOE has provided the following information for consideration in the procurement of security equipment for our schools:

1. Three-year Data on Number of Occurrences by Region.
2. Three-year Data on Number of Occurrences at Individual Schools.
3. School Ranking of Three-year Annual Average of Occurrences.
4. Baseline Expense Data from School Year 2012-2013.
5. Status Data on State of Gates/Fences, Bell Systems and Intercoms.
6. Qualitative Data on Averages, High Risk Areas and Proposed Method of Solutions from School Administrators.
7. Measures Currently In-Place at GDOE Schools.

I look forward to expediting the procurement process in collaboration with the General Services Agency as indicated in §58C103 of the aforementioned act. If further clarification regarding the contents of this report is needed, please contact Deputy Superintendent Robert Malay at 300-1275 or via email at [rhmalay@gdoe.net](mailto:rhmalay@gdoe.net).

499

*Senseramente,*

JON J. P. FERNANDEZ

Office of the Speaker  
Judith T. Won Pat, Ed. D.  
Date: 5/31/13 T.H.B.  
Time: 10:00AM 6-4-13  
Received by: Faith [Signature]

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**Public Law 32-009**

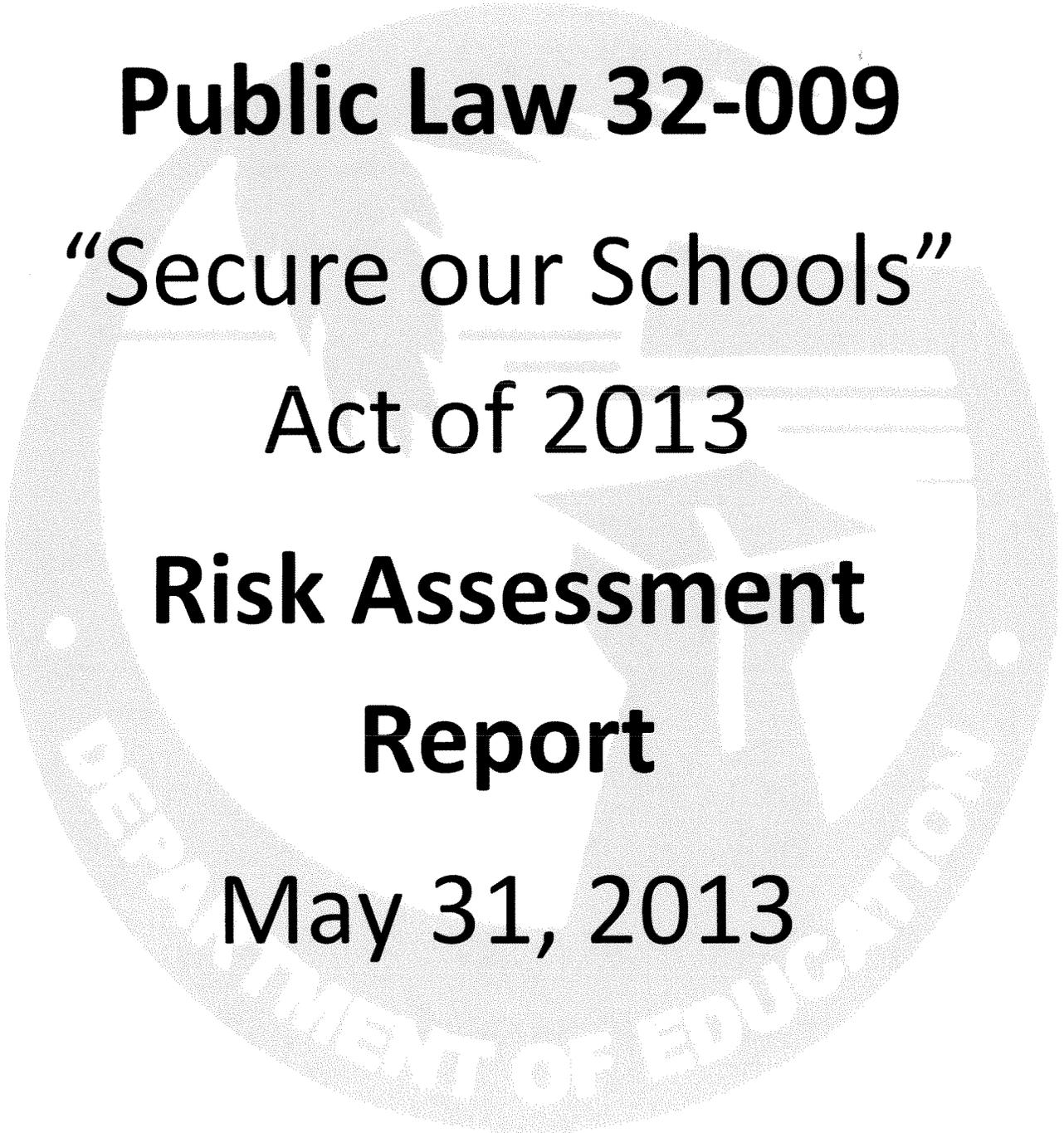
**“Secure our Schools”**

**Act of 2013**

**Risk Assessment**

**Report**

**May 31, 2013**



# School Security Risk Assessment

**Problem Statement:** Over the past three school years, the Guam Department of Education (“GDOE”) has experienced 226 occurrences of some form of “break-in.” GDOE categorizes break-ins to cover events of vandalism, destruction and theft of property. These events cause a considerable distraction to our primary mission of educating approximately 31,000 students and cost a great deal of money to replace, repair and restore our schools.

**Purpose:** Public Law 32-009 § 58C102 titled Security System Study states that “The Superintendent of Education *shall* perform, or cause to be performed, a risk assessment that determines each school’s needs for an appropriate school security system for all the school campuses of the Guam Department of Education. The expedited procurement as authorized in § 58C103 or any procurement of an electronic security system for the school campuses of the Guam Department of Education utilizing public funds *shall not* occur until the study required by this Section is submitted to *Liheslaturan Guåhan*.”

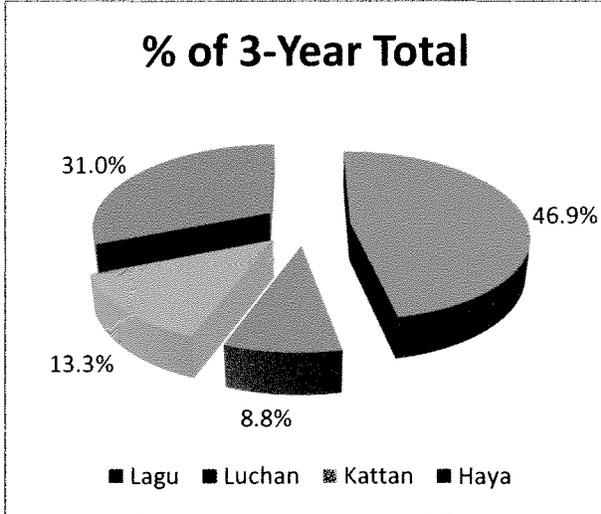
**Procedures:** The procedures used to put this report together include the following:

- Collection of occurrence data for each schools during the 2010/2011, 2011/2012, 2012/2013 school years.
- Aggregation of occurrences by regions (Haya, Katan, Lagu and Luchan).
- Establishing annual occurrence average for each school over three-year collection period.
- Collection of expense data for all occurrences during SY 2012/2013.
- Collection of gate/fence, bell system and intercom status data for each school.
- Aggregation of gate/fence, bell system and intercom status data.
- Collection and compilation of qualitative data from school administrators for each school.
- Collection of measures currently in place at GDOE schools.

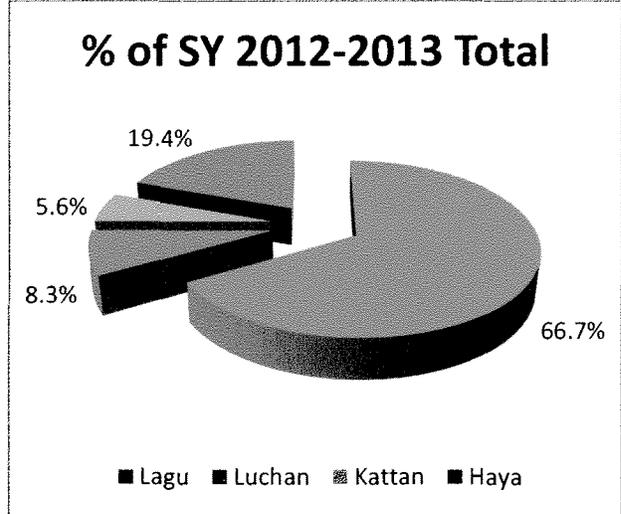
**District Wide Data (as of May 24, 2013):** While the majority of occurrences have taken place in our Lagu (northern) schools, all regions have been affected during this time period. The following shows the percentage of overall break-ins in all four regions over the last three school years as well as for the current school year.

**Number of Occurrences by Region**

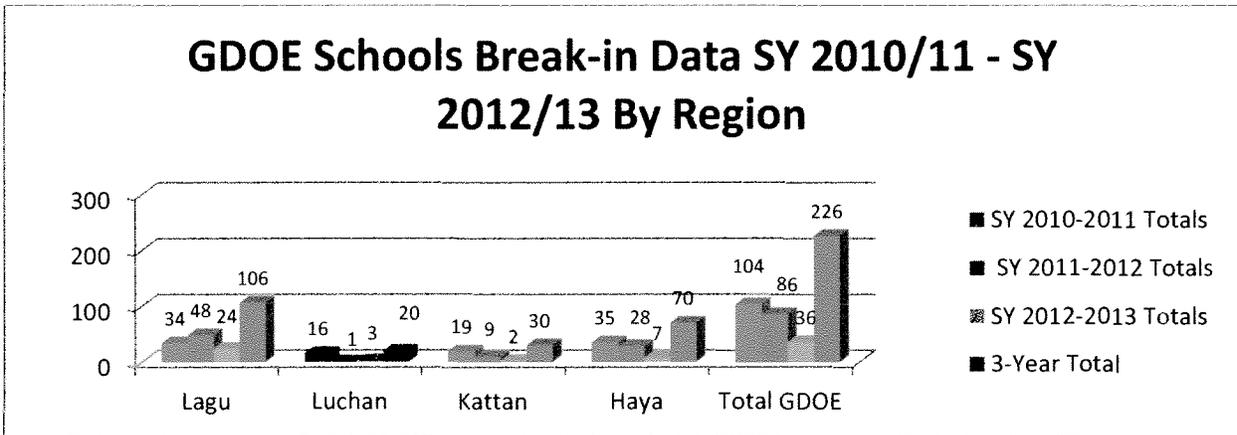
**Three-year Breakdown by Region**



**Current School Year Breakdown by Region**



A look at the total numbers by region for each of the past three school years is provided below:

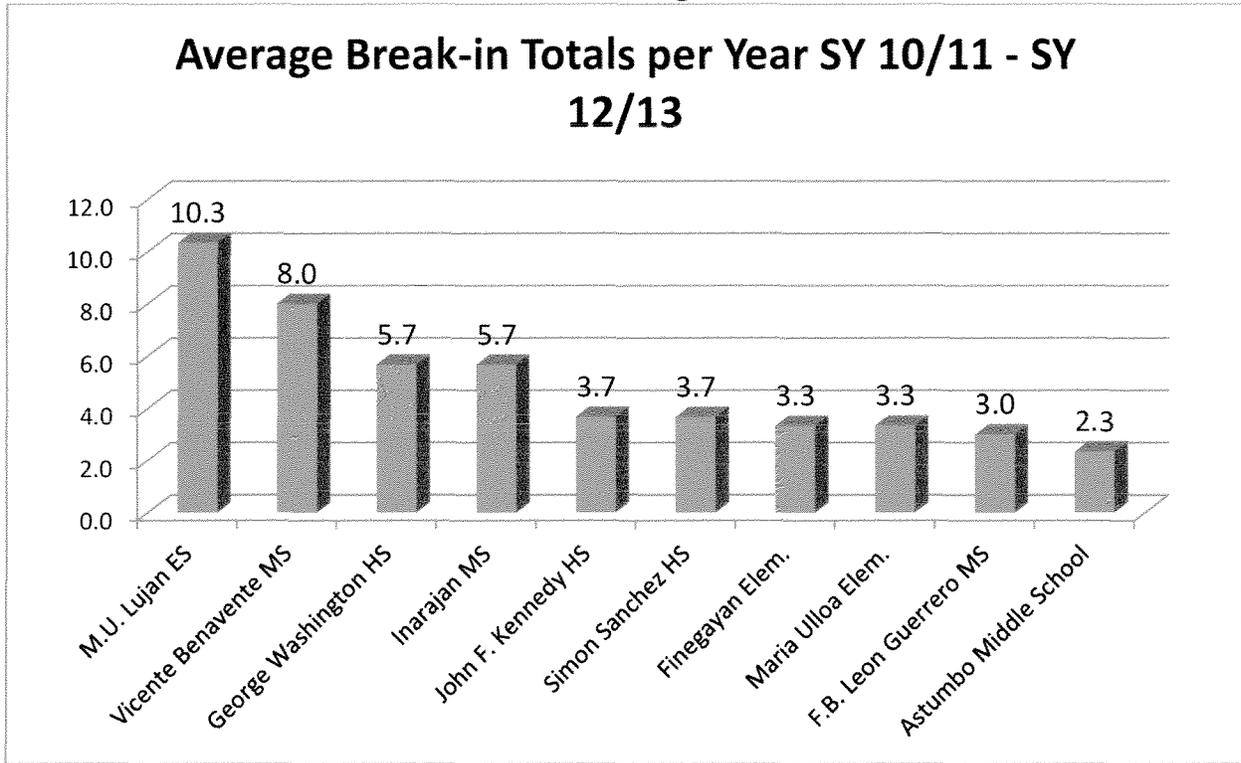




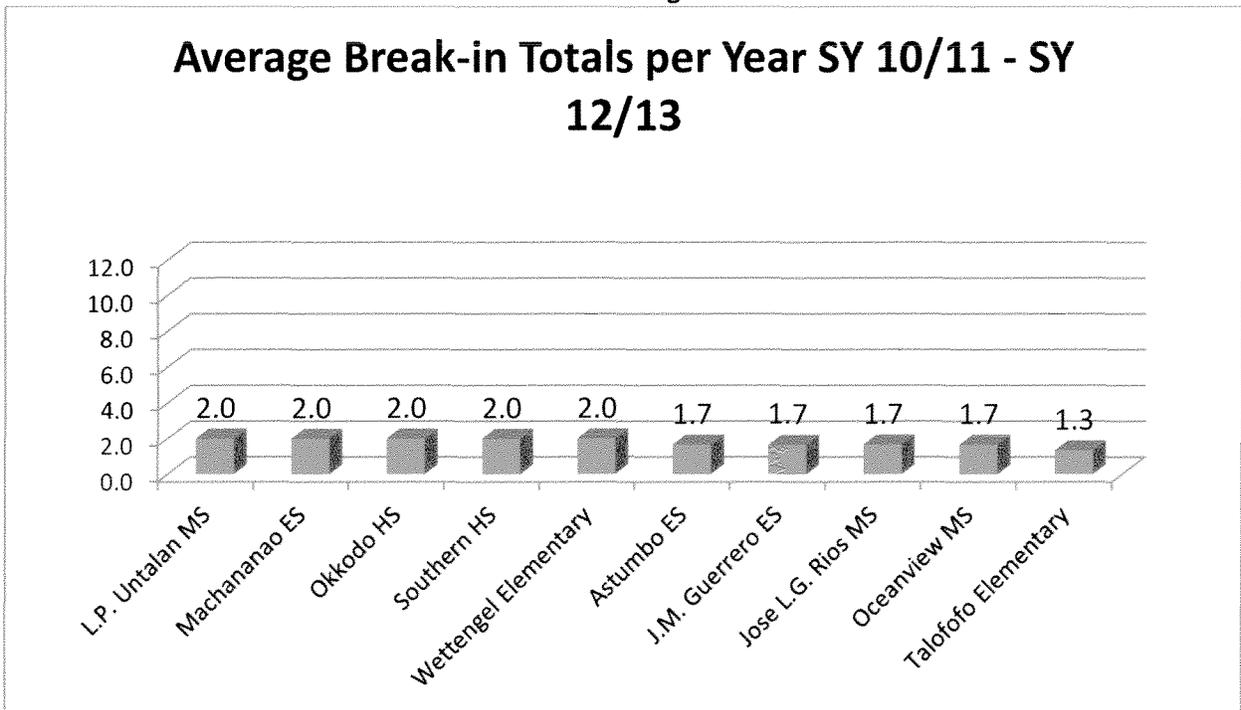
### Ranking of School Break-in Averages

Provided below is a ranking of the average number of break-ins per year for the past three years of all GDOE schools.

#### Schools Ranking 1-10

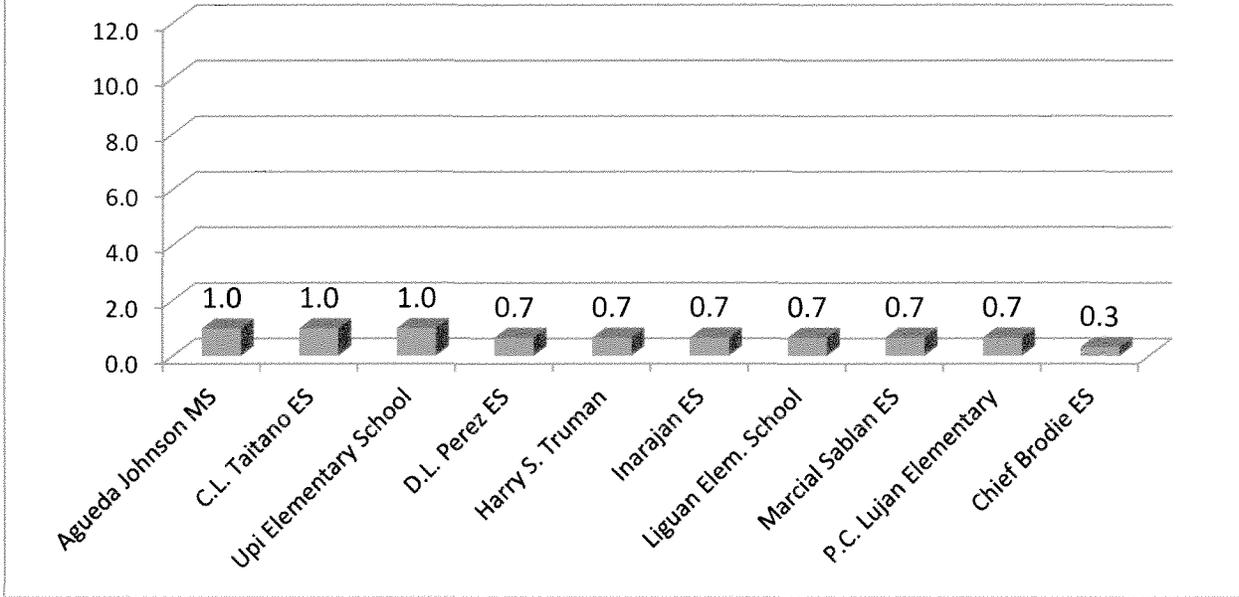


#### Schools Ranking 11-20



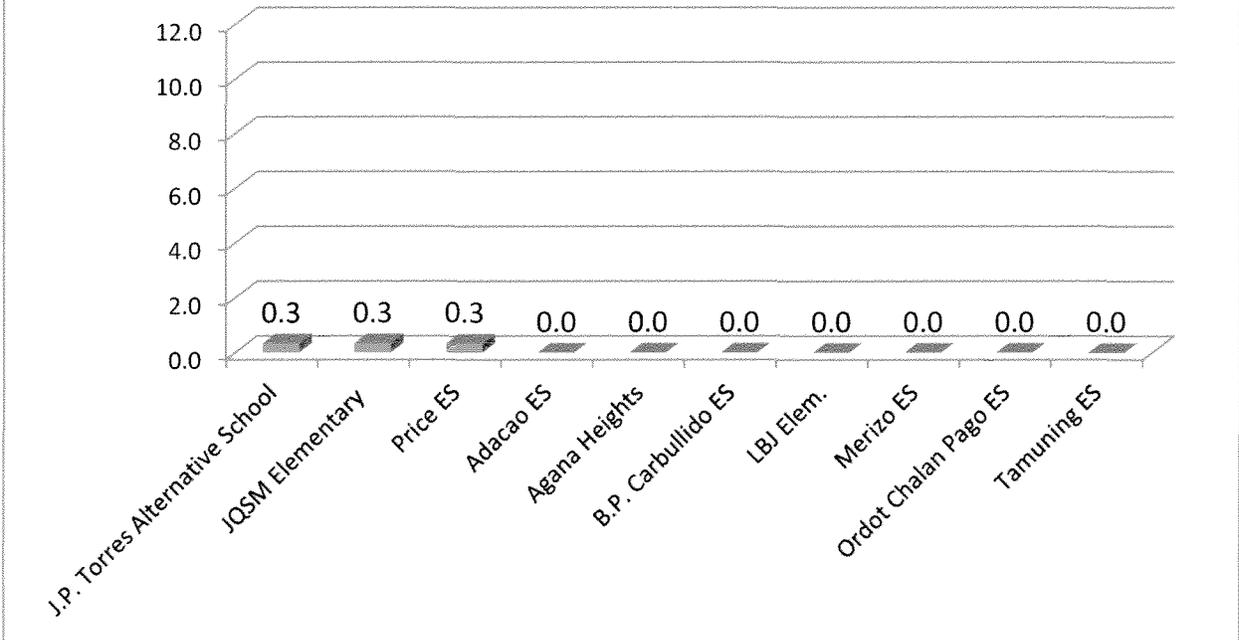
Schools Ranking 21-30

**Average Break-in Totals per Year SY 10/11 - SY 12/13**



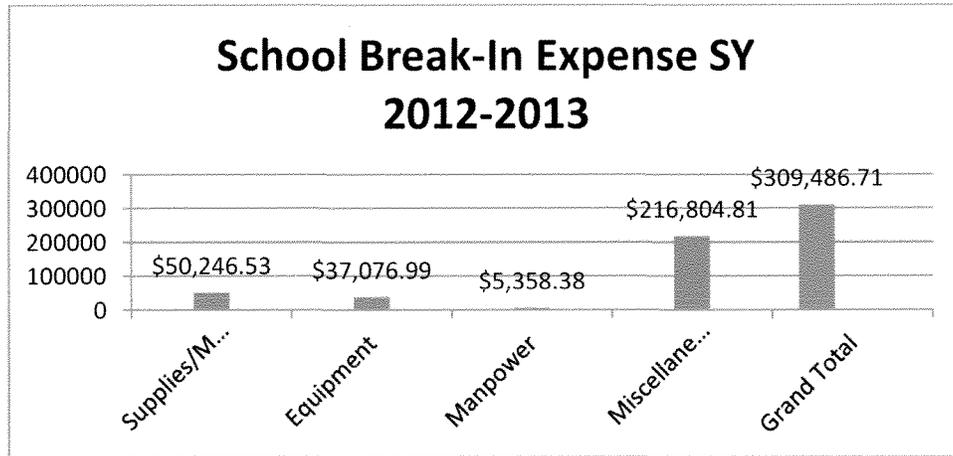
Schools Ranking 31-40

**Average Break-in Totals per Year SY 10/11 - SY 12/13**



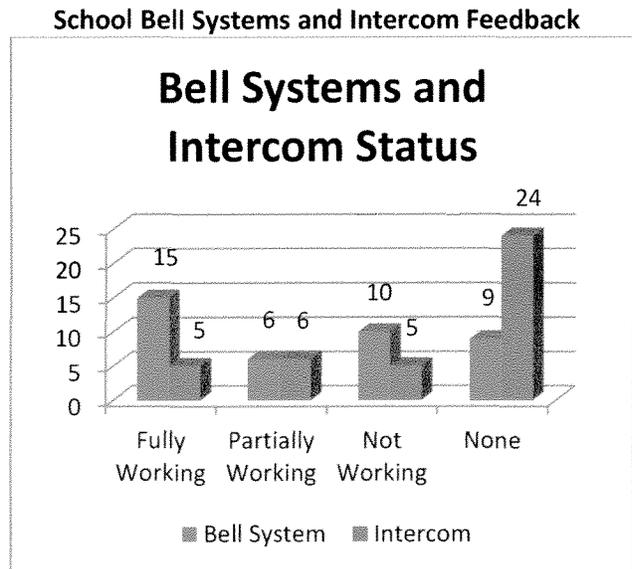
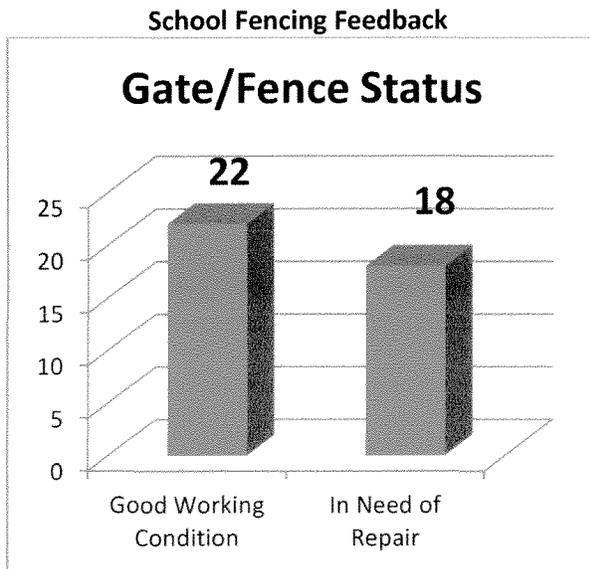
**Baseline Expense Data SY 2012-2013**

It had not been a common practice to capture the expenses associated with break-ins either individually at each school site or collectively across all GDOE schools. Starting this school year, GDOE began tracking the expenses associated with the school break-ins. This information will serve as a baseline moving forward in which we can measure effectiveness of reducing the risk of theft and vandalism at the schools. The breakdown of school break-in expenses for all GDOE schools during school year 2012-2013 is provided below:



**State of Gates/Fences, Bell Systems and Intercoms**

Additionally, several of our schools lack adequate security infrastructure such as suitable fencing and intercom and bell systems. The fencing helps to minimize access for intruders to be on campus during the school day as well as after hours. The intercom and bell systems help schools notify all individuals on campus during emergencies. The following feedback was collected from school principals on the status of the gates/fences, bell systems and intercom systems:



## Qualitative Feedback from School Principals

School principals were afforded the opportunity to assess their campuses and respond to the following items:

1. What factors (good or bad) do you attribute to your 3-year school break-in average?
2. List the areas of your campus that are at the greatest risk for theft and/or vandalism (please list highest risk first).
3. List, in order of priority, the type and quantity of security/surveillance options (electronic or non-electronic) that will lower the risk of theft and/or vandalism in your high risk areas at your school.

School	3-year average	Response 1	Response 2	Response 3	Respondent
Adacao ES	0.0	Adacao has not had a break-in since the school opened.	office  cafeteria  classroom	Exterior cameras around the campus particularly in front of the office and on the side of the cafeteria.	Evangeline Chang, Principal
AHES	0.0	We have not had any school break-ins the past 3-years. This is probably due to the fact that the school is surrounded by the Mayor's office/community center/and baseball field. There are always people around and it is a small family oriented community.	The temporary buildings that are on the dark side of the school.  The school building is old and much work is needed to secure rooms with new doors.	A school wide security alarm system, that works!  More security lights around the school corners that is not well-lit from the baseball field.	Eileen Gofigan, Assistant Principal
AIJMS	1.0	Lack of security system and security breaches throughout the school.	All classrooms and offices on this campus to include the gym and the cafeteria.	1. 24 hour security monitoring system.  2. 16 hour security guard that roves the campus.  3. Better and more fortified gate systems.  4. Clearing all debris 25 feet from the gate (outside).	James Petite, Principal
Astumbo ES	1.7	1. Storm shutters are always secured after school on a daily basis at the admin building.  2. Storm shutters - at the classrooms, are secured during the weekends.  3. Cyclone fencing was installed on all windows that do not have storm shutters at the admin building.  4. Pipe closures were	1. D & E wings - location of smart boards and other technology equipment in the classrooms.  2. Admin building - location of laptop carts, technology equipment, etc.  3. All mechanical and generator buildings - location of aircons and copper wiring.  4. Other classrooms -	1. Full body security personnel to walk the campus.  2. Security alarm to monitor the whole campus.  3. Security cameras at all points on campus.  4. Installation of cyclone fencing on all unsecured - no storm shutter, windows.  5. Installation of pipe	Julie Mendiola, Principal

School	3-year average	Response 1	Response 2	Response 3	Respondent
		<p>installed and secured on all double doors at the admin building.</p> <p>5. Metal brackets were installed on top of all double doors - to prevent access into the admin building.</p> <p>6. Deadbolts were installed in most classrooms.</p> <p>7. Admin is always on campus 7 days a week.</p> <p>8. Police have access to campus to help monitor, etc.</p> <p>9. Neighborhood watch has been in effect. Neighbors have called into the school when they see anything suspicious.</p>	teacher's personal equipment.	<p>closure on all doors.</p> <p>6. Motion sensor lights - to light up the area when it senses motion, etc.</p> <p>7. Installation of barb wires on the perimeter fencing of the school - just like schools in the states.</p>	
Astumbo MS	2.3	<p>Location and visibility.</p> <p>Prior to the installation of security cameras at all entrances of the building as well as motion detectors, break-ins/vandalism of the school was high.</p> <p>After the installation of the security cameras and motion detectors, break-ins/vandalism has decreased dramatically.</p>	<p>Main Office</p> <p>C Wing Exit Door</p> <p>Cafeteria Exit Doors</p>	<p>Electronic surveillance and human security (foot patrol).</p> <p>Astumbo MiddleSchool is already furnished with security cameras at all entrances of the building; however, for better surveillance, it would be beneficial to have fish bowl security cameras (10-15) in the hallways and other areas that are blind spots. Additionally, response time by GPD is also critical. Our school is monitored 24-7 by Securitech. The last break-in it took GPD 30 minutes plus to get to the school. As a result, the vandals had 30 minutes + to continue to ransack the school and steal things to include our copper wire in the generator room. By the time the police came, they had left the building.</p>	<p>Robert Martinez, Principal</p> <p>Kathryn San Nicolas, Assistant Principal</p>
BPCES	0.0	<p>1. The neighborhood watch - school asked the families living in close proximity of the school to report any unusual activities at</p>	left rear of the school.	<p>1. I propose for "foot patrol" to monitor my school and/or other nearby school(s).</p>	<p>Agnes Guerrero, Principal</p>

School	3-year average	Response 1	Response 2	Response 3	Respondent
		<p>the school during odd hours to the Guam Police Department.</p> <p>2. Constant traffic activity in front of the school/main residential road and homes located in the front and rear of the school.</p> <p>3. Automatic lighting at dusk, maintenance installed an automatic lighting system that turns on all hallway lights.</p>			
CLTES	1.0	<p>1. Teenagers Vandalizing and Burglarizing.</p> <p>2. Teenagers unsupervised by parents/adults.</p> <p>3. No alarm system in new building, and inoperable alarm system in old buildings of school.</p>	<p>1. Main office</p> <p>2. Library</p> <p>3. Older school classrooms (Louvered windows)</p>	<p>1. Electronic alarm system, with camera if possible.</p> <p>2. Neighborhood watch program.</p> <p>3. Periodic spot checks by Guam Police Department.</p>	Gloria Barretto, Assistant Principal
CBMES	0.3	<p>Having SPED personnel occupying offices around campus has helped show presence. Some SPED personnel even work on Saturdays.</p> <p>Fire alarm and roofing contractors have also been working numerous hours on weekends at school.</p> <p>Location of school may contribute to low break in rate. The school is along Marine Drive and not in an isolated area.</p> <p>Custodians working graveyard shifts has helped keep watch over school.</p>	<p>Rear of campus</p> <p>Unlighted areas</p> <p>Office</p>	<p>Lighting made available with lamp posts or outside lights.</p> <p>Security alarm system installed in office.</p>	Nancy Diaz, Principal
DLPES	0.7	<p>The low number of break ins are attributed to our location in the village.</p> <p>The school is just off of the main road and next to housing.</p>	<p>The school has two areas that contain numerous dollars in computer equipment.</p> <p>These two areas could cost a lot if broken into.</p>	<p>1. Video cameras w/alarm system</p> <p>2. Foot security</p>	Michael Perez, Assistant Principal
FBLGMS	3.0	<p>Though we average 3 break-ins per year...the good part is that loss of property was not too severe where</p>	<p>Greatest risk for theft is in the Main Office/Library area and Gymnasium.</p>	<p>In order of priority, type of security/surveillance that will lower risk of theft/vandalism include:</p>	Carla Masnayan, Principal

School	3-year average	Response 1	Response 2	Response 3	Respondent
		<p>computers were stolen and major property damage was reported. Loss of property from the break-ins resulted in petty cash being stolen or paper strewn around.</p> <p>The bad part is that their point of entry is always the same. This is bad in a way because when maintenance fixes their entry points, repairs are not made so that they are more secured than the first. Rather they are temporary fixes -- patches.</p> <p>Additionally, the area surrounding the school is very dark (minimal lighting by Chalan Pasaheru) and vegetation is thick. Adequate lighting and cut down vegetation along the fence line to make the school more visible may allow passer-bys to keep an eye out for vandals.</p>	<p>Much of the vandalism occurs around the main office area and gymnasium area as well.</p> <p>Least risk for theft or vandalism is isolated in all other areas.</p>	<p>1) Motion sensor with alarm</p> <p>2) Security cameras</p> <p>3) foot patrol</p> <p>4) Provide adequate lighting along dark areas of the school</p> <p>5) Clear vegetation along fence line to make school more visible.</p>	
FES	3.3	<p>No security system/foot patrol</p> <p>Dead end location</p> <p>No residential housing to help monitor movement on campus</p> <p>Lack of adequate lighting</p> <p>Inadequate windows and doors; replacements needed</p> <p>Door and window locks need replacement</p>	<p>main office</p> <p>library</p> <p>Hallways - graffiti</p> <p>301 - 317 rooms</p> <p>1st grade area (128 - 133)</p> <p>second floor classrooms</p> <p>1st floor classrooms</p> <p>stage area - graffiti</p> <p>storage rooms</p> <p>faculty lounge</p> <p>cafeteria</p> <p>copper pipes (air cons)</p> <p>copper wires (throughout campus)</p>	<p>1. Security surveillance / foot patrol (10:00pm - 6:00am - high risk of break-ins)</p> <p>2. Security alarm system</p> <p>3. Cleaning contractors to work grave shift</p> <p>4. Lighting system to monitor movement</p> <p>5. Upgrade windows and doors (windows unable to lock / doors are weathered)</p> <p>6. Install dead bolts and sturdy door knobs on doors</p> <p>7. Neighborhood Watch Patrol</p> <p>8. GPD drive-by patrol</p>	Evangeline Iglesias, Principal
GWHS	5.7	<p>Good: fewer to no break ins with the presence of personnel on campus (G4S</p>	<p>Main office, STEM classrooms, computer labs, other science classrooms,</p>	<p>Foot patrol at night</p> <p>Security doors and bars at main office</p>	Darlene Roberto, Assistant Principal

School	3-year average	Response 1	Response 2	Response 3	Respondent
		during installation of Erate wiring, presence of custodial staff, perimeter fence repair, securing of campus at night and on weekends), foot patrol  Bad: doors without deadbolts, doors with no metal plate so objects can open doors easily through the outside, lack of personnel or foot patrol	classrooms of club advisors, counseling office, elevator room, cafeteria, gymnasium, trash bins	Surveillance cameras at each wing  Gates to separate cafeteria from campus  Gates to separate gym from campus  Gates to separate campus from athletic fields	
HSTES	0.7	Absence of a viable security system	Classrooms  Main Office  Business Office  Upper Campus  Library	Foot Patrol/Security Guard  Alarm System  Perimeter Lighting	Michael Meno, Principal
IES	0.7	Bad: No Perimeter fence surrounding campus  No proper lighting  Good: Neighborhood watch  Securing ALL doors (verified by Custodian prior to exiting campus)  Periodic monitoring of Police Officers	Office  Cafeteria  Classrooms	An installation of a Perimeter fence will deter outsiders from entering campus  Surveillance camera will be helpful, if funds are available  Constant drive-by by police to monitor campus	Evelyn Mantanona, Principal
IMS	5.7	Lack of personnel to assist with security  Limited technological resources	Main Office  Library  Cafeteria  Lower level classrooms  Other classrooms not visible from the road	Foot patrol security  Surveillance Cameras  Additional support staff personnel	Duane Mantanona, Principal
JMGES	1.7	Unsecured deadbolt.	Temporary classrooms and cafeteria.	Foot security after school hours.	Darlene Castro, Principal
JPTAS	0.3	Started the Foot-Patrol and Campus Watch after the 2 break-ins	Main Office in the Business Room  Room 10  Book Room  Storage Room	Surveillance cameras  Security Personnel	Rosalin Meeks, Principal

School	3-year average	Response 1	Response 2	Response 3	Respondent
			Counselor Office Social Workers Office Cafeteria Classrooms Nurse		
JFKHS	3.7	The break in average contains break in while JFKHS was at the Tiyan facility and items were taken by contracted maintenance employees with complete access to the facility after school hours. The permanent JFKHS campus has no reported break ins.  Current campus has foot security during the evening hours and all gates are secured with limited access to unauthorized personnel.	Business office media center main office counseling/nurses offices gym classrooms	Internet based Video surveillance cameras for the main office, media center, business office and counseling/nurses offices.  Alarm systems throughout the campus offices with motion sensors/ service plan to dispatch law enforcement when activated.  Foot security to monitor the campus while school is not in session.	Asherdee Rosete, Assistant Principal
JLGRMS	1.7	Unsecure windows and doors. Windows are made of glass that can easily be popped out.	Library, main office and classrooms.	Electronic video surveillance cameras with internet access. Cameras should have the ability to take still shots when motion is sensed. Will need at least 28 cameras plus 3 cameras with 360 degree visibility.  This will act as a deterrent and help with campus safety. Additionally, cameras can take pics if a break in should occur.	Naomi Taitingfong, Principal
JQSMES	0.3	For the most part, we believe the break-ins are an inside job because there have been no forced entry.	Classrooms and offices	Cameras in all classrooms and offices  Foot security - 6 pm to 6 am the following day	Tricia Moylan, Principal
LPUMS	2.0	Good - the location of the school is close to a highway and residents.  Bad - there are still areas around the campus from which intruders may enter and vandalize or break into the campus.	The break ins have been in the main office and have not been to other areas of the campus.	1 - foot patrol  2 - electronic recording CCTV (20 cameras)	Jim Reyes, Principal
LBJES	0.0	N/A	1. Playground area facing the baseball field.	1. 1 Security personnel to walk and monitor the school	Geraldine Quejado, Assistant Principal

School	3-year average	Response 1	Response 2	Response 3	Respondent
			2. Cafeteria area which is located at the back side of the school facing the jungle area.	campus. 2. Surveillance cameras at the entrance (drop-off/pick-up area) and back side of the school.  Also at Kinder Square, which is another entrance to the school (bus area).	
LES	0.7	Factors that attribute to our one school break-ins could be the lights in the parking lot were burnt out at that time and security system was not installed at that time.	The greatest risk for theft and or vandalism from highest to lowest:  1. Main office, to include Administration offices, Counselor's office, Nurse's office  2. Teachers' classrooms  3. Cafeteria storage room and manager's office and dining room  4. Storage rooms	Currently, Liguán Elementary School has Surveillance cameras located in all of the hallways of the school building campus, also a surveillance camera is located in the cafeteria dining hall.  A surveillance camera is also located in the main office facing the entrance doors.  Needs:  Surveillance cameras on the outside of the school building facing the parking lot and the perimeter of the school campus.	Anthony Cepeda, Principal
MULES	10.3	Master Keys stolen during SY 09-10 from key box in school office.  Incomplete fence surrounding school premises.  Insufficient lighting in hallways due to burnt bulbs.	1. Classrooms 2. Office 3. Cafeteria 4. Library	Alarm System Installation for Each Pod-12  Electronic Surveillance Camera-12  Replacement of door knobs with dead bolts - 70.	Sarah Valencia, Assistant Principal
Machananao ES	2.0	-more lighting in the hallways  -staff coming in over the weekend just to check  -Mayor's assistance (checks for unusual activity on campus)	- classrooms (some doors cannot lock properly)  - hallways  - main office  - cafeteria	- placing deadbolts in each classroom (front and back doors)  - Video cameras (surveillance) in the hallways	Johansen Punongbayan, Acting Principal
MASES	0.7	Community members and especially mayor's office assistance. Baseball coaches and players staying out on field area only, Full custodial employees presence after school hours. DEED program teachers and	Areas closest to the baseball field and HAYA center and gym.	Spotlights Surveillance cameras Foot patrol	Agnes Camacho, Principal

School	3-year average	Response 1	Response 2	Response 3	Respondent
MAUES	3.3	<p>stakeholders presence.</p> <p>* Lack of proper lighting in school hallways/buildings</p> <p>* Lack of foot patrol/security</p> <p>* Lack of an alarm system</p> <p>* Controlling building and room keys since change of admin occurs often. Some schools have custodians hold the keys or school aides. Lack of accountability of keys.</p> <p>* Lack of CCTV (Closed Circuit Television)</p>	<ol style="list-style-type: none"> <li>1. Classrooms</li> <li>2. Main office/Technology room</li> <li>3. Library</li> <li>4. Cafeteria</li> </ol>	<ol style="list-style-type: none"> <li>1. Increase the frequency of foot patrol/Security</li> <li>2. Install CCTV (Closed Circuit TV) and a school alarm system in all areas of the school building</li> <li>3. Install proper indoor and outdoor lighting (school hallways)</li> <li>4. Provide a caretaker or school sitter at the school site.</li> <li>5. Rekey doors if possible, control building and room keys</li> </ol>	Josephine Fontbuena, Assistant Principal
Merizo ES	0.0	community involvement	The main office	No response given	Derrick Santos, Principal
OMS	1.7	<p>Bad: loss of equipment, manpower in cleaning up, damaged student work and office documents</p> <p>Good: There is no good in a break-in.</p>	<ol style="list-style-type: none"> <li>1. Business/main office</li> <li>2. Counseling/vault</li> <li>3. Classrooms</li> <li>4. Cafeteria</li> <li>5. Storages</li> </ol>	<ol style="list-style-type: none"> <li>1. Food security</li> <li>2. electronic video camera</li> </ol>	Lynda Hernandez-Avilla, Principal
OHS	2.0	<p>Dark area around the school gate allowing anybody to cut the fence and gain entry into our campus.</p> <p>No lighting as you enter the road that leads to the front gate of the school.</p>	<p>D wing (long/short)</p> <p>E wing (long/short)</p> <p>B wing</p> <p>C wing</p> <p>A wing</p>	<p>The type of surveillance cameras needed are the ones that can rotate 360 degrees (fishbowl) in that way all areas can be detected or ones in which nobody will know are cameras.</p> <p>Also the ones with high quality allowing one to see the perpetrator. Our still cameras on campus does not project very far and during a break in somebody covered the camera with a paper.</p> <p>For Okkodo High School, we will need to upgrade our current camera system. We currently have 12 cameras on campus.</p>	Rita Flores, Acting Principal
OCPEs	0.0	<ol style="list-style-type: none"> <li>1) Community partnership</li> <li>2) Close relationship with parents through</li> </ol>	<ol style="list-style-type: none"> <li>1) Library</li> <li>2) Main Office</li> </ol>	<ol style="list-style-type: none"> <li>1) Electronic surveillance cameras- 15 for the entire school</li> <li>2) Foot security</li> </ol>	Rebecca Perez, Principal

School	3-year average	Response 1	Response 2	Response 3	Respondent
		Home-School Connection			
PCLES	0.7	1. Having staff members working here all hours of the day - voluntary basis though.  2. Informing the neighbors to "keep an eye" on the school.	1. Computer lab 2. Counselor's office	1. Full camera surveillance placed around all 6 wings.	Germaine Iglesias, Principal
PES	0.3	Bad - Low fencing in areas  Gates do not align and close securely  Doors that close securely  Good - Being diligent in securing the campus  Lighting	Classrooms  Offices	Better doors, tighter fitting doors  Raising the height of the perimeter fence in some areas  Replacing the gate so that it aligns and closes completely  Security cameras  Foot patrol	Denise Taimanglo, Assistant Principal
SSHS	3.7	Lack of foot patrol  Economy/Delinquency	Main Building  300 & Science Building  Gym  Cafe	Foot patrol from 6pm-6am Monday-Sunday  Surveillance camera with motion sensor: minimum of 15 per building	Beth Perez, Principal
SoHS	2.0	There are many possible points of entry that has few housing areas around. There are fence line areas that are hidden where people can climb over without being detected.  The factors that attribute to our 3 year school break-in are: Lack of security, lack of accountability on fixed assets and lack of reporting made by teachers, staff to administrators and GPD.  Currently, all incidents reported by teachers and staff have been reported to GPD and Central Office.  The uniqueness of the school structure where the buildings are very large and there are a lot of hiding places and the school is surrounded by housing and overgrown vegetation that allows for break-ins to take	6000-9000 buildings, Student Center, Main Office, Student Support Office.  The greatest risk for theft is wherever there is copper or aluminum. All of the copper wire and tubing for the air conditioning systems for the Fine Arts Auditorium and Gymnasium have been reported stolen. We were informed that the FBI was involved with this case.  The swimming pool is inoperable because the electrical wires and pumps that are made of copper have been stolen. The aluminum benches on the bleachers in the Track and Field and Swimming Pool have been stolen over the years.  The GCC Marketing Class has installed their own Security Camera and Motion	Security Personnel  Surveillance Cameras  Motion Detectors  Alarm System	Geraldine Pablo and Trisha San Miguel, Assistant Principals

School	3-year average	Response 1	Response 2	Response 3	Respondent
		<p>place because they are not seen.</p> <p>Regarding the size and structure of the school there are a lot of blind spots that allow and contribute to break-ins. For example, people can hide out once we have secured the school and break-in once no one is around.</p> <p>Too many personnel have had access to master keys and access to the buildings without proper authorization. Duplicate keys were made and given out and there was no control over it. Once we have made these discoveries of unauthorized personnel, the master keys were taken away.</p> <p>The perimeter of the school is so large and there are some gates that need to be repaired that people are able to access these areas to enter the school.</p> <p>Another major factor is the lack of school aides needed for the size of this campus. To date Southern High School requires 30 school aides due to the uniqueness of the campus however we have 12 aides at this time.</p> <p>The type of windows that we have is very easy to break-in. The perpetrators just need to pry it open and it will pop out.</p>	<p>Detector and has opted not to have Southern High School clean their classroom or store or give us a copy of their keys because of the thefts over the years. The entire student center that houses both the Marketing Class and JROTC uses triple locks and deadbolts to secure the area at the front and the back because of the break-ins and vandalism that they have suffered.</p> <p>This administration was assigned to Southern High School on October 22, 2012. Since then we have made reports on equipment that is missing from the school site such as cafeteria tables and folding chairs that were received by the school and nowhere to be found.</p> <p>Currently, the only vandalism that we have seen is due to the break-ins where door knobs or locks are destroyed and windows have been pried open. Once in a while there is vandalism in the restrooms where toilet paper dispensers or hand towel dispensers are kicked down or punched off from the walls.</p> <p>Classrooms, cafeteria and restrooms.</p>		
Talofofo ES	1.3	<p>The perimeter fence line has breaks around the campus.</p> <p>The area behind the school is completely dark.</p> <p>The jungle surrounds the fence line behind</p>	The backside of the school.	<p>Mend all breaks in the fence line.</p> <p>Better lighting all around the school.</p> <p>Foot patrol by security or police.</p> <p>Fix all doors that are</p>	Christine Terlaje, Principal

School	3-year average	Response 1	Response 2	Response 3	Respondent
		the school.  The cafeteria doors are still able to open if they pull the handles very hard.		not fully secured.  Put in a security alarm system throughout the entire school.	
Tamuning ES	0.0	N/A	1. Back area of the school...facing the jungle area.  2. Side gate next to the baseball field.	1. 2 Security personnel to walk the school campus (1 for each school building)  2. Surveillance cameras (Building A, Building C, Behind the school area, the side area of the school buildings)	Katherine Reyes, Principal
Upi ES	1.0	The good factors are lights being turned on at night as a deterrence, temporary security guards, community, typhoon shutters, and school volunteers checking the school at night, during weekends and holidays.  The challenging factors are loose/deteriorating typhoon shutters and gates, better security gates, doors, and locks for schools.	The highest risk areas are as follows:  1. Office  2. Library  3. Cafeteria  4 Nurse  5. Individual Quads (buildings) due to smart boards and computer desk tops.	1. Foot security patrol (Guards)  2. 10-12 Electronic wireless Security Cameras with 100-200 ft. distance coverage of the campus due to the width and distance between buildings.	Beverly San Agustin, Principal
VSABMS	8.0	The neighborhood around Dededo is filled with graffiti, gangs, and constant drunken behavior. The other issue is that there is a basketball court close by where young adults play until the late evening.	Annex building and fast track areas due to lack of surveillance cameras.	We have been using surveillance camera's in our area. The next step would be to allow us to use the internet and access the camera online at home and on our smart phones.	Dexter Fullo, Principal
WES	2.0	Poor to no lighting in the hallways  Wooden panels under the window, the school still has louvers, low grade locks and no metal plate to prevent the lock from being pried open.  Old a/c ducts (passage way) which provides access into the main office.  Backside of the field is on the rugby field. So entrance to the school without being visible is high.	Main office & teachers' lounge  All the buildings A-K within the campus	video surveillance camera situated at one end of each hallway and back side of the main office and cafeteria.  Quantity of surveillance cameras needed for Wettengel 18-20 cameras to be placed at both ends.	Melissa Limo, Principal

**Current Measures in Place:** The following schools currently have security measures in place at their respective sites:

School	3-year average	Implemented Security Measure
Adacao ES	0.0	Surveillance Cameras
Astumbo MS	2.3	Surveillance Cameras
IMS	5.7	Surveillance Cameras
JFK	3.7	Foot Patrol
<b>*LPUMS</b>	<b>2.0</b>	<b>Closed Circuit TV/Digital Video Recording</b>
LES	0.7	Surveillance Cameras
MULES	10.3	Intrusion Alarm
OHS	2.0	Surveillance Cameras
SSHS	3.7	Surveillance Cameras
VSABMS	8.0	Surveillance Cameras

**\*Implemented security measure information provided at temporary location at Tiyan as of January 2012.**

**Summary:** During the past three school years, GDOE schools have experienced a grand total of 226 break-in events as of May 24, 2013. While tracking of the expenses incurred have only began during school year 2012-2013, it provides GDOE with a baseline in which effectiveness can be measured against.

In using the baseline expense data for the current school year it can be asserted that the average cost of the 36 break-in events is \$8,596.85 ( $\$309,486.71 \div 36$ ). Applying the average cost for the current school year over the three-year break-in total of 226 puts the expense total over that period of time at \$1.94 million ( $\$8,596.85 \times 226$ ).

Seven schools, Adacao ES, AHES, BPCES, LBJES, Merizo ES, OCPES and Tamuning ES have had no break-ins reported over the three-year period. However, based on the feedback from the school administrators, they feel there are still areas of risk that are susceptible to possible future occurrences.

Of the ten schools that implemented security measures, six (6) have continued to experience occurrences, indicating that technical guidance is needed to further reduce the number of break-ins.

Security deficiencies, as indicated by the school administrators, include capital improvement needs in the areas of gates/fences, doors, locks, windows, intercoms and bell systems. Community efforts such as neighborhood patrols, random site visits by employees and Mayors and police access to campuses have assisted but additional measures are needed.

All forty GDOE schools have assets that need to be secured and safe of theft and/or vandalism. Continued break-in events come at a significant cost to GDOE, the tax payers of Guam and more importantly the students that are served at our public schools.

