

ROMGAZ



Societatea Națională de Gaze Naturale Romgaz S.A. - Mediaș - România

**Catre: Adunarea Generala Extraordinara a Actinarilor a
SNGN Romgaz SA**

REFERAT

Pentru aprobarea:

1. Incheierii Actului aditional la Contractul de asociere incheiat intre Romgaz si Schlumberger, pentru modificarea Anexei B "Productia de baza, Curbe de declin ale Productiei".
2. Incheierii unui Contract de tranzactie pentru aprobarea modificarii Anexei B "Productia de baza, Curbe de declin ale Productiei" la Acordul de asociere pentru perioada 01.05.2016 pana la momentul intrarii in vigoare a Actului aditional, cu corectarea erorii materiale semnalate;

Scurta prezentare

La data de 4 septembrie 2003 SNGN ROMGAZ SA si SCHLUMBERGER Logelco Inc. au incheiat un Contract de asociere in participatiune pentru reabilitarea campului LASLAU MARE (Contractul), in scopul obtinerii unei productii suplimentare, prin folosirea de tehnici si tehnologii avansate de exploatare a rezervelor, inclusiv tehnologia si know-how-ul detinute de catre Schlumberger. Acordul de asociere in Participatiune a fost aprobat de Adunarea Generala a Actionarilor Romgaz prin Hotararea nr. 6/2003.

In conformitate cu prevederile Acordului de asociere, cele doua companii detin cote de participare egale la drepturi si obligatii, respectiv 50% - 50%, in raport cu Operatiunile de Reabilitare si Castigul Financiar obtinut, Romgaz fiind desemnat Operator al

Capital social: 385.422.400 lei
CIF: RO 14056826
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RO12 BRDE 3305 V024 6190 3300 - BRD Mediaș

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operatiunilor petroliere din cadrul asocierii. Pentru productia de baza, Romgaz este titular 100% al drepturilor si obligatiilor ce decurg din acordul de concesiune.

Departajarea productiei suplimentare de productia de baza se face prin Curba de Declin care se regaseste in Anexa B la Contractul de Asociere "Productia de baza, Curbe de Declin ale Productiei". Astfel, Curba de declin definita prin Contract reprezenta **"...volumul anticipat al productiei de baza in conditiile existente anterior datei intrarii in vigoare a Contractului de Asociere"**.

Orice modificare a Curbei de Declin poate fi efectuata in baza prevederilor articolului 13 "Productia de Baza" din Contract prin care semnatarii au stabilit principiile care reglementeaza calcularea productiei de baza: **"...Romgaz si Schlumberger sunt de acord cu privire la urmatoarele principii generale, care vor reglementa calcularea Productiei de Baza."**

Astfel, reprezentantii partilor prin aprobarea si semnarea Contractului de asociere au convenit :

- a) **In conformitate cu art. 13.1.3, scoaterea din calculul Productiei de baza a oricarei sonde nu mai este capabila sa continue productia timp de 7 (sapte) zile consecutive fara alte interventii,**

si/sau

- b) **In conformitate cu art 13.1.4, ca daca o sonda nu este capabila sa produca decat jumatate din curba de declin a productiei pe o perioada de 6 luni consecutive, se va calcula si se va conveni o noua curba de declin pentru calculul productiei de baza, iar aceasta se va aplica incepand cu urmatoarea luna calendaristica**

Din cele doua puncte mai sus mentionate rezulta *caracterul imperativ si neconditionat* al efectului aparitiei unei astfel de situatii, si anume aplicarea noii curbe de declin, din momentul in care o sonda nu mai produce si este incapabila sa mai produca sau atunci cand o sonda produce, timp de 6 luni consecutiv, doar 50% din curba de declin initial aprobata.

Constatarea situatiei de scadere a productiei in conditiile prevazute in Contractul de asociere

La finele anului 2015 si in primele luni ale anului 2016 productia totala obtinuta de la 5 sonde a inregistrat o diminuare considerabila, respectiv doua sonde nu au mai obtinut productie, iar alte 3 sonde au inregistrat o scadere a productiei sub nivelul de 50% din

productia de baza. Aceasta situatie a fost constatata de Echipa Tehnica, comuna a asocierii in luna aprilie 2016 si reconfirmata prin informarea privind modificarea productiei zacamentului Laslau mare nr 8136/16.03.2017

Precizam ,ca asa cum este stipulat in Informarea primita de la sucursala Medias (Anexa 2) comportarea in exploatare a acestor sonde a aparut in contextual unui declin de productie mult mai accentuat datorat strict conditiilor geologice.

Aprobarea unei noi curbe de declin de catre Comitetul de conducere al asocierii

Situatia factica de scadere a productiei a fost analizata de Echipele tehnice ale asocierii si supusa discutiei in cadrul intalnirii Comitetului de conducere al asocierii din data de 12.05.2016.Reprezentantii Romgaz in cadrul acestui Comitet au examinat si **au constatat ca exista toate conditiile necesare pentru trecerea la o noua curba de declin cu aplicabilitate de la data de 01.05.2016.**

In aceste conditii, incepand cu aceasta data productia suplimentara (determinata ca diferenta intre productia totala si productia de baza) a fost calculata in baza noii productii totale si de baza comunicate de catre Sucursala Medias, in conformitate cu Procesul verbal al Comitetului de conducere al asocierii din data de 12.05.2016, iar decontarile in cadrul asocierii au fost realizate pe cale de consecinta dupa noua curba de declin.

Intrucat Curba de declin este anexa la Contractul de asociere, Serviciul Asocieri a verificat toate prevederile contractuale referitoare la curba de declin, constatand ca desi decizia Comitetului de conducere al asocierii a fost in concordanta cu prevederile art. 13.1.3 si 13.1.4, totusi art. 13.1.6 contine prevederea ca „**Partile convin ca, daca nu se prevede altfel prin prezentul Contract, Productia de Baza se va modifica numai prin acordul Partilor**”, prevedere neclara in ce priveste aplicabilitatea acesteia pentru situatiile prevazute la art. 13.1.3 si 13.1.4 care au fost deja asumate de Parti prin semnarea Contractului de Asociere.

In aplicarea prevederilor contractuale Directia Dezvoltare Afaceri a interpretat ca sintagma “...daca nu se prevede altfel prin prezentul contract, Productia de Baza se va modifica numai prin acordul Partilor ...” se refera la faptul ca acordul partilor este necesar pentru alte situatii decat cele prevazute de art.13.1.3 si 13.1.4., intrucat situatiile prevazute la aceste articole 13.1.3 si 13.1.4. sunt deja reglementate prin acordul partilor, prin insasi semnarea Contractului de asociere, si sunt prevazute cu claritate situatiile in care curba de declin se modifica.

Pentru clarificarea interpretării, s-a solicitat un punct de vedere din partea Serviciului Juridic. Din opinia juridică primită s-a concluzionat că în conformitate cu Actul Constitutiv al Romgaz, pentru modificarea curbei de declin nu este suficientă aprobarea Comitetului de conducere al asocierii, ci se impune încheierea unui act adițional la Contractul de asociere cu aprobarea prealabilă a AGEA Romgaz.

Având în vedere că în conformitate cu prevederile legii române, un act adițional produce efecte doar de la data aprobării lui, pentru aplicarea noii curbe de declin de la data de 01.05.2016 și până la data aprobării în AGEA a actului adițional, conform aprobării date de către Comitetul de Conducere al asocierii, Direcția Dezvoltare Afaceri a propus în ședințele Consiliului de Administrație din luna decembrie 2016 și ianuarie 2017 ratificarea în cadrul AGEA a Procesului-Verbal al Comitetului de Conducere al asocierii.

În urma discuțiilor pe acest subiect care au avut loc în ședința CA din 25.01.2017 s-a opinat că soluția ratificării Procesului verbal nu ar fi una optimă pentru clarificarea din punct de vedere juridic a perioadei retroactive și s-a avansat soluția încheierii unui Contract de tranzacție.

Conform Codului Civil, art 2267, printr-un Contract de tranzacție, părțile previn sau sting un litigiu prin concesiuni sau renunțări reciproce la drepturi sau prin transferul unor drepturi de la una la cealaltă. De asemenea printr-un asemenea contract se pot naște, modifica sau stinge raporturi juridice diferite de cele ce fac obiectul litigiului dintre părți.

Având în vedere faptul că:

- în constatarea și convenirea de către reprezentanții Partilor în Comitetul de conducere al asocierii a noii curbe de declin acestea s-au prevalat de prevederile clare ale art.13.1.3 și 13.1.4;
- noua curbă de declin a fost convenită de către Comitetul de conducere al asocierii în ședința din data de 12 mai 2016 cu aplicabilitate de la data de 01.05.2016;
- indiferent de data obținerii unor aprobări corporative, efectul patrimonial pentru Romgaz și pentru asociere este același pentru situațiile reglementate prin articolele 13.1.3 și 13.1.4 și constatate faptic;
- pentru sondele care nu au mai fost capabile să producă conform articolului 13.1.3, scoaterea acestora din curbă de declin se justifică de la data de 01.05.2016
- pentru sondele care au înregistrat o diminuare a producției cu mai mult de 50%, aplicabilitatea noii Curbe de declin se va face începând cu data de 01.06.2016, conform art. 13.1.14 și nu cu data de 01.05.2016, cum eronat s-a consemnat în Procesul verbal din data de 12 mai 2016

- neaprobarea noii curbe de baza, conform prevederilor contractuale si constatarilor faptice, ar genera conditiile declansarii unui posibil litigiu comercial intre Schlumberger si Romgaz
- Contractul de tranzactie reprezinta contractul care poate preintampina un eventual litigiu care ar putea rezulta din neaplicarea constatarilor faptice mentionate in procesul verbal al Comitetului Director de la data de 12.05.2016,

Presedintele Consiliului de Administratie Romgaz spre aprobare a AGEA, incheierea unui Contract de tranzactie pentru reglementarea situatiei faptice constatate, reglementata de articolele 13.1.3 si 13.1.4 in cadrul Comitetului de conducere prin Procesul verbal incheiat la data de 12.05.2016 si corectarea erorii materiale semnalate si incheierea Actului aditional la Contractul de asociere incheiat intre Romgaz si Schlumberger, pentru modificarea Anexei B "Productia de baza, Curbe de declin ale Productiei".

Concluziile analizelor solicitate prin HCA 45/2016 si care au fost prezentate in sedinta CA din 25.01.2017 au fost reformulate de catre Biroul Managementul Riscurilor si inaintate cu o noua adresa, anexata la prezentul referat.

Facem precizarea ca in opinia noastra analizele economice sunt informative si nu se constituie ca baza pentru luarea unei decizii privind reglementarea situatiei semnalate. Avand in vedere prevederile Contractului de asociere problema se pune nu daca ci cum (modalitatea prin care acestea) se pun in aplicare.

De asemenea anexam prezentului material si explicatii suplimentare de natura tehnica furnizate de catre seful echipei tehnice a Romgaz in legatura cu situatia factica constatata in cadrul Comitetului de conducere al asocierii din 12.05.2016.

In concluzie solicitam Adunarii Generale Extraordinare a Actionarilor:

1. Aprobarea incheierii Actului aditional la Contractul de asociere incheiat intre Romgaz si Schlumberger, pentru modificarea Anexei B "Productia de baza, Curbe de declin ale Productiei".
2. Aprobarea incheierii unui Contract de tranzactie pentru aprobarea modificarii Anexei B "Productia de baza, Curbe de declin ale Productiei" la Contractul de asociere pentru perioada 01.05.2016 pana la momentul intrarii in vigoare a Actului aditional pentru cele doua sonde care nu au mai produs timp de 7 zile consecutive si pentru perioada 01.06.2016 pana la momentul intrarii in vigoare a Actului aditional pentru cele 3 sonde care au produs la si sub nivelul de 50% din

curba de declin a productiei de gaze natural in ultimele 6 luni , cu corectarea erorii materiale semnalate;

Anexam prezentului material:

Anexa 1- Concluziile Analizelor Cost-Beneficiu aferente modificării productiei de bază pentru asocierea SNGN "ROMGAZ" SA Medias – "SCHLUMBERGER"

Anexa 2- Informare privind modificarea productiei zacamentului Laslau Mare

Anexa 3- Actul Aditional la Contractul de Asociere

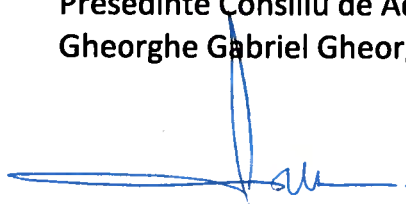
Anexa 4- Contractul de tranzactie

Anexa 5- Noua Curba de declin a Productiei

NOTA:

Prezentul material nu constituie un referat de oportunitate referitor la modificarea curbei de baza, ci unul de necesitate, intrucat amendarea contractului de asociere prin act aditional si incheierea unui contract de tranzactie sunt necesare pentru ca situatia de fapt existenta sa fie pusa in acord cu prevederile contractuale in vigoare.

Presedinte Consiliu de Administratie
Gheorghe Gabriel Gheorghe



ROMGAZ

Societatea Națională de Gaze Naturale Romgaz S.A. - Mediaș - România

Herciu Cristian persoana de contact
 Director General Direcția
 Biroul Management de Risc Serviciul
 Analiza Cost-Beneficiu Subiect
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 Nr...../..... Înregistrare

Către,
Directia Dezvoltare Afaceri
Serviciul Asocieri

Subiect: Solicitare analiza Cost-Beneficiu aferentă modificării producției de bază pentru asocierea SNGN "ROMGAZ" SA Mediaș – "SCHLUMBERGER" (conform cerinței din Articolul 15 din Hotărârea Consiliului de Administrație nr. 45/2016)

Având în vedere adresa dvs. nr. 230/05.01.2017, prin care ne solicitati să întocmim analiza solicitată de CA al SNGN "ROMGAZ" SA Mediaș "necesară pentru avizarea și ulterior aprobarea actului adițional de modificare a curbei de declin a producției de bază", vă transmitem atasat **analiza Cost-Beneficiu raportată la producția de bază și suplimentară aferentă "ROMGAZ" SA Mediaș, respectiv "SCHLUMBERGER"**.

În ceea ce privește analiza Cost-Beneficiu pentru SCHLUMBERGER, menționăm că, aceasta s-a făcut ținând cont de "Condițiile de elaborare analize economice și de risc în cadrul studiilor care se vor întocmi în anul 2016" care sunt valabile la SNGN "ROMGAZ" SA Mediaș.

Urmare a analizelor efectuate și anexate, putem concludiona următoarele:

Capital social: 385.422.400 RON

CIF: RO 14056826

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SNGN "ROMGAZ" SA Medias

1. Urmare a mentinerii CURBEI de DECLIN INITIALE, analiza cost-beneficiu pentru "ROMGAZ" ne arată obtinerea următorilor indicatori economici:
 - *Productia de BAZA: NPV = \$12,224 milioane USD;*
 - *Productia SUPLIMENTARA: NPV = \$13,959 milioane USD;*
 - ⇒ **Total NPV = \$26,183 milioane USD;**
2. Urmare a trecerii de la CURBA DE DECLIN INITIALA la noua CURBA DE BAZA, analiza cost-beneficiu pentru "ROMGAZ" ne arată obtinerea următorilor indicatori economici:
 - *Productia de BAZA: NPV = \$10,607 milioane USD;*
 - *Productia SUPLIMENTARA: NPV = \$14,813 milioane USD;*
 - ⇒ **Total NPV = \$25,420 milioane USD;**

Concluzii:

- ⇒ Urmare a trecerii de la CURBA DE DECLIN INITIALA la noua CURBA DE BAZA, pentru productia de bază, NPV-ul "ROMGAZ" va înregistra o diferenta de - \$1,617 milioane USD;
- ⇒ Urmare a trecerii de la CURBA DE DECLIN INITIALA la noua CURBA DE BAZA, pentru productia suplimentară, NPV-ul "ROMGAZ" va înregistra o diferenta de + \$0,854 milioane USD;
- ⇒ **Ca urmare a trecerii de la Curba de Declin Initală la Curba de Bază, "ROMGAZ" înregistrează o diferenta de -\$0,76 milioane USD.**

"SCHLUMBERGER"

1. Urmare a mentinerii CURBEI de DECLIN INITIALE, analiza cost-beneficiu pentru "SCHLUMBERGER" ne arată obtinerea următorilor indicatori economici:
 - *Productia SUPLIMENTARA: NPV = \$21,699 milioane USD;*
 - ⇒ **Total NPV = \$21,699 milioane USD;**

2. Urmare a trecerii de la CURBA DE DECLIN INITIALA la noua CURBA DE BAZA, analiza cost-beneficiu pentru "SCHLUMBERGER" ne arată obtinerea următorilor indicatori economici:

- *Productia SUPLIMENTARA: NPV = \$22,474 milioane USD;*
- ⇒ Total NPV = \$22,474 milioane USD;

Concluzii:

- ⇒ Ca urmare a trecerii de la Curba de Declin Inicială la Curba de Bază, "SCHLUMBERGER" înregistrează o diferență de +\$0,77 milioane USD.

Subliniem ca atat in cazul cubei de baza veche cat si in cazul curbei de baza noi asocierea Romgaz-Schlumberger este una profitabila.

Notă: 1) Mentionăm că analiza Cost-Beneficiu s-a întocmit pentru perioada mai 2016 (luna modificării Curbei de Bază) – noiembrie 2018 (luna de expirare a asocierii);

2) Calculul indicatorilor economici pentru "SCHLUMBERGER" are un caracter orientativ, deoarece "SCHLUMBERGER" are o serie de alte costuri însemnate legate de extractia si comercializarea productiei suplimentare care nu sunt incluse în documentele contabile ale asocierii "ROMGAZ" – "SCHLUMBERGER".

Director General,
Virgil Marius Metea



Sef Birou Managementul Riscurilor,
Herciu Cristian

A handwritten signature in black ink, appearing to be "Herciu Cristian".

ROMGAZ



Sb.
C. P. Dr. Referent C.A.
M. M.



Societatea Națională de Gaze Naturale Romgaz S.A. - Sucursala Medias - România

**Spre informare : Comitetul director
al asocierii Romgaz - Schlumberger**

**Domnului Dan Paul Ștefănescu,
Director Divizia Explorare Producție**

**Domnului Vlad Pavlovschi,
Director Direcția Dezvoltare Afaceri**

**Domnului Florinel Șutoiu,
Director Producție Sucursala Medias**

Argentina Tătaru Persoana de contact
Inginer șef exploatare Direcția
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8136/16.03.2017 Înregistrare

Director,
Ioan Mihai Man



Informare

privind modificarea producției zăcământului Laslău Mare

Prin prezenta revenim cu informații suplimentare la adresa 6971/5.04.2016.

Pe parcursul anului 2015 echipa tehnică implicată în derularea contractului de asociere în participațiune Romgaz – Schlumberger pentru reabilitarea câmpului Laslău Mare, a constatat o modificare și mai drastică a comportării în exploatare a unor sonde. În acest sens facem referire la sondele 14, 121, 125 și 127, care și-au modificat major parametrii dinamici, ceea ce a generat o producție situată sub producția de bază. Din perspectiva producției de bază și a producției realizate, imaginea arată astfel:

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| Data | Sonda 14 | | Sonda 121 | |
|----------|-------------------|---------------------|-------------------|---------------------|
| | Producția de bază | Producția realizată | Producția de bază | Producția realizată |
| Oct - 15 | 141.3 | 45.8 | 41.3 | 0 |
| Nov - 15 | 135.8 | 45.2 | 39.8 | 0 |
| Dec - 15 | 139.6 | 42.1 | 40.8 | 0 |
| Jan - 16 | 138.7 | 48.3 | 40.6 | 0 |
| Feb - 16 | 129.0 | 45.6 | 37.7 | 0 |
| Mar - 16 | 137.1 | 51.4 | 40.1 | 15.7 |
| Apr - 16 | 131.8 | 51.1 | 38.5 | 16.8 |

| Data | Sonda 125 | | Sonda 127 | |
|----------|-------------------|---------------------|-------------------|---------------------|
| | Producția de bază | Producția realizată | Producția de bază | Producția realizată |
| Oct - 15 | 89.8 | 0 | 388.8 | 163.7 |
| Nov - 15 | 86 | 0 | 373.9 | 146.8 |
| Dec - 15 | 88 | 0 | 384 | 153.5 |
| Jan - 16 | 87.2 | 0 | 381.6 | 148.3 |
| Feb - 16 | 80.8 | 0 | 354.8 | 132.0 |
| Mar - 16 | 85.5 | 0 | 376.9 | 120.3 |
| Apr - 16 | 81.9 | 0 | 362.5 | 91.1 |

Menționăm că cele patru sonde sunt în atenția specială a echipei tehnice de câțiva ani.

În **sonda 14** s-a intervenit în anul 2011 cu o operație de reechipare, și pe parcursul anilor următori cu operații de acidizări. Sonda produce din obiectivul Sarmațian VI, pachetul a și se află în apropierea limitei de saturație a acestui complex, ceea ce explică și declinul de producție mai accentuat. În februarie 2017 sonda are un debit de 1,45 mii mc/zi.

În **sonda 121** s-a intervenit în anul 2011 cu o operație de reechipare, și ulterior cu operații de spălare cu tubingul flexibil și injecții de azot. Sonda produce din obiectivul Buglovian VIII+IX+X, pachetele IXa+b și Xa+b, aflându-se într-o poziție marginală, ceea ce explică și declinul de producție mai accentuat. În februarie 2017 sonda are un debit de 0,04 mii mc/zi.

În **sonda 125** s-a intervenit începând cu anul 2014, moment de la care s-au efectuat operații de denivelare cu azot cu tubingul flexibil, precum și o serie de investigații de determinare a integrității tubingului (fibră optică, RBT). Aceste operații nu au condus însă la rezolvarea situației, momentan sonda fiind inundată și fără posibilități de retragere la alte obiective de exploatare. Sonda produce din obiectivul

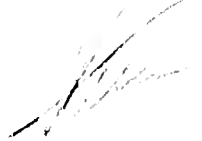
Badenian XIII+XIV din anul 1980, aflându-se într-o poziție izobatică mai dezavantajoasă comparativ cu sondele care produc în zona adiacentă, ceea ce explică și declinul de producție mai accentuat. În februarie 2017 sonda are un debit de 0 mii mc/zi.

În **sonda 127** au fost efectuate operații de acidizare în perioada 2013 - 2014, iar în anul 2015 s-a efectuat o operație de reperforare și adiționare în acdrul aceluiași obiectiv. Sonda produce din obiectivul Buglovian XI+XII din anul 1980. Sondele din apropiere se află deasemenea în producție de o perioadă de timp apreciabilă, respectiv 1975-1977, ceea ce indică o depletare destul de accentuată acestei zone. În februarie 2017 sonda are un debit de 3,6 mii mc/zi.

Precizăm că modificarea comportării în exploatare a acestor sonde a apărut în contextul unui declin de producție mult mai accentuat datorat strict condițiilor geologice.

Menționăm deasemenea că sonda 8 a fost abandonată în anul 2012 conform avizului de abandonare emis de Agenția Națională pentru Resurse Minerale 20 – AB/25.04.2012.

**Inginer șef exploatare,
Argentina Tătaru**



ACT ADITIONAL la ACORDUL DE ASOCIERE PENTRU REABILITAREA PRODUCȚIEI

Acest al ACT ADITIONAL la ACORDUL DE ASOCIERE PENTRU REABILITAREA PRODUCȚIEI a fost încheiat și intră în vigoare în data de
între:

1. Societatea Națională de Gaze Naturale ROMGAZ SA, o companie națională românească, constituită conform Deciziei Guvernului nr.575/2001, cu sediul în Mediaș, Piața C.I. Motas, nr. 4, județul Sibiu, telefon 0269/201020, fax 0269/846901, CUI RO 14056826, înregistrată la Oficiul Registrul Comertului sub nr. J 32/392/2001, având cod IBAN nr. R008 RNCB 0231 0195 2533 0001 deschis la BCR – Sucursala Mediaș, reprezentată prin Director General – Virgil-Marius Metea, denumită în continuare "ROMGAZ", și
2. **SCHLUMBERGER LOGELCO, INC.** o entitate juridică panameză, înființată și care funcționează în conformitatea cu legile din Panama, având sediul social al sucursalei sale din România în Bulevardul N Titulescu 4-8, Aripa de Est, etajul 5, sector 1, București, denumită în continuare „SCHLUMBERGER”,

ROMGAZ și SCHLUMBERGER putând fi denumite și „Parte”, în mod individual, sau „Părți”, în mod colectiv.

Având în vedere că:

ROMGAZ și SCHLUMBERGER au încheiat un Acord de Asociere pentru reabilitarea producției din câmpul Laslău Mare cu nr. 146/ 2006 din data de 4 septembrie 2003 („Acordul”);

Clauza 14.1.2 al Acordului prevede posibilitatea amendării Anexei B în conformitate cu clauzele 13.1.3, 13.1.4 și 13.1.6;

În data de 12 mai 2016, în cadrul ședinței Comitetului de Conducere („CC”) s-a încheiat Procesul-verbal al întâlnirii prin care s-a constatat îndeplinirea condițiilor prevăzute de art. 13.1.3 și 13.1.4 ale Acordului astfel încât s-a convenit modificarea Producției de Bază și Curba de Declin ale Producției din cadrul Acordului.

Adunarea Generala Extraordinara a Actionarilor Romgaz a aprobat la data de încheierea contractului de tranzacție între parti prin care s-a convenit modificarea Anexei B – „Producția de Bază și Curbele de Declin ale Producției” de la datele convenite în cadrul ședinței Comitetului de Conducere (“Data Tranzacției”) și a aprobat încheierea unui act aditional de modificare a Anexei B de la Data Tranzacției pe viitor.

În consecință, ținând cont de acordurile reciproce stabilite prin prezentul precum și de alte considerente întemeiate, părțile prezentului au convenit următoarele:

Art. 1 – ACT ADITIONAL:

Părțile inteleg să modifice Anexa B a Acordului „Producția de Bază și Curbe de Declin ale Producției”, așa cum sunt definite în Anexa A a acestui document.

Art. 2 - DIVERSE:

- a) Acest ACT ADITIONAL împreună cu Anexele sale formează întregul acord dintre Părți și prevalează și înlocuiește orice comunicări verbale și/sau scrise dintre Părți cu privire la obiectul prezentului și nu poate fi amendat decât în scris și prin semnarea de către ambele Părți ale acestui ACT ADITIONAL.
- b) S-a mai convenit că nu există nici un fel de declarații, convenții, garanții sau înțelegeri, scrise sau verbale, sau oricare dintre acestea, între Părți cu privire la obiectul acestui ACT ADITIONAL, care să nu fi fost incluse în prevederile acestui ACT ADITIONAL.
- c) Acest ACT ADITIONAL s-a încheiat în patru (4) exemplare originale, două (2) în limba engleză și două (2) în limba română. În cazul unui conflict între versiunile în engleză și română, va prevala versiunea în limba engleză.
- d) Toți termenii și toate condițiile Acordului rămân nemodificate și în vigoare, cu excepția modificărilor stabilite în acest ACT ADITIONAL la Acord.

DREPT PENTRU CARE, Părțile au semnat acest ACT ADITIONAL prin reprezentanții lor autorizați, la data menționată mai sus.

S.N.G.N ROMGAZ S.A.

Pentru și în numele: _____

Nume:

Funcție:

SCHLUMBERGER LOGELCO INC.

Pentru și în numele: _____

Nume:

Funcție:

Nr. Registru: _____

Nr. Contract: _____

Data Inregistrarii: _____

Conform R.U.E.C. – SNGN ROMGAZ SA Medias

CONTRACT DE TRANZACTIE

Incheiat intre:

Societatea Nationala de Gaze Naturale ROMGAZ SA, cu sediul in Medias, Piata C.I. Motas, nr. 4, judetul Sibiu, telefon 0269/201020, fax 0269/846901, CUI RO 14056826, inregistrata la Oficiul Registrul Comertului sub nr. J 32/392/2001, avand cod IBAN nr. R008 RNCB 0231 0195 2533 0001 deschis la BCR – Sucursala Medias, reprezentata prin Director General – Virgil-Marius Metea; denumită în continuare („ROMGAZ”)

și

SCHLUMBERGER LOGELCO, INC. o entitate juridică panameză, înființată și care funcționează în conformitatea cu legile din Panama, având sediul social al sucursalei sale din România în Bulevardul N Titulescu 4-8, Aripa de Est, etajul 5, sector 1, București, denumită în continuare („SCHLUMBERGER”)

Avand in vedere:

1. Faptul ca intre parti a fost incheiat Acordul de asociere pentru reabilitarea producției din câmpul Laslău Mare cu nr. 146/ 2006 din data de 4 septembrie 2003 („Acordul”);
2. Faptul ca dispozitiile art. 13.1.3 si 13.1.4 din Acord prevăd ca se modifica curba de declin in situatia in care o sonda inceteaza sa mai produca si este incapabila sa mai produca, sau in situatia in care o sonda produce 50% din curba de declin timp de 6 luni consecutive, partile convenind o noua curba de declin care se va aplica incepand cu urmatoarea luna calendaristica;
3. Faptul ca la data de 12 mai 2016 Comitetul de Conducere („CC”) al asocierii a fost de acord să modifice Anexa B „Producția de Bază și Curbele de Declin ale Producției” constatând prin Procesul Verbal că:
 - Pana la data de 1 mai 2016 - 2 sonde au fost incapabile sa mai producă gaze naturale timp de 7 zile consecutive;
 - Pana la data de 01 mai 2016 3 sonde au produs la si sub nivelul de 50% din curba de declin a producției de gaze naturale in ultimele 6 luni
4. Faptul ca aplicarea noii curbe de declin pentru sondele care au produs la sau sub nivelul de 50% din Productia de baza trebuia sa fie pusa in aplicare, conform art. 13.1.4, incepand cu urmatoarea luna calendaristica datei constatarii diminuarii productiei , adica data de 01 iunie 2016 si nu cu data de 01 mai 2016

ÎN CONSECINȚĂ, având în vedere acordurile comune stabilite în prezentul și cu titlu oneros, părțile la prezentul convin după cum urmează:

Art. 1. Modificarea Anexei B „**Producția de Bază și Curbele de Declin ale Producție**” a Acordului, în conformitate cu articolele 13.1.3, 13.1.4 și 13.1.6 ale acestuia. Modificările vor intra în vigoare după cum urmează:

- începând cu data de 1 mai 2016 pentru 2 sonde (sonda 008 și sonda 125) și;
- începând cu data de 1 iunie 2016 pentru 3 sonde (sonda 014, sonda 121 și sonda 127) Prin urmare, noua Producție de Baza și Curbele de Declin ale Producție – Anexa B – vor fi modificate în conformitate cu Anexa A a prezentei Tranzacții.

Art. 2. **SCHLUMBERGER LOGELCO, INC.** înțelege să restituie către SNGN Romgaz SA suma de 121.413,43 lei (actualizată), reprezentând corectia erorii materiale rezultate din aplicarea noii Curbe de declin pentru sondele care au produs la sau sub nivelul de 50% din Producția de baza, începând cu data de 01.06.2016 și nu cu data de 01.05.2016. Suma va fi reținută de către **SNGN ROMGAZ SA** din totalul veniturilor asocierii convenite **SCHLUMBERGER LOGELCO, INC.**, în luna următoare încheierii prezentei tranzacții.

Art. 3. Ambele Părți renunță la orice altă pretenție în legătură cu modificarea Curbei de Declin a Producției până la data încheierii prezentei tranzacții.

Art. 4. Această Tranzacție permite Părților să semneze imediat Actul Adicional la Acord.

Art. 5. Prezenta Tranzacție împreună cu Anexele sale reprezintă întregul acord dintre Părți și este guvernată de legea română și va produce efecte doar cu condiția aprobării sale de către organul de conducere abilitat conform Statutului ROMGAZ, conține două pagini și s-a încheiat azi, la sediul ROMGAZ, în 4 (patru) exemplare originale 2 (două) în limba română și 2 (două) în limba engleză, câte două pentru fiecare parte. În cazul unui conflict între versiunea din limba engleză și cea din română, va prevala varianta în limba engleză.

S.N.G.N ROMGAZ S.A.

Pentru și în numele: _____

Nume:

Funcție:

SCHLUMBERGER LOGELCO INC.

Pentru și în numele: _____

Nume:

Funcție:

Noua Curba de declin a Productiei de baza

| Date Well | 7 | 8 | 9 | 10 | 11 | 14 | 18 | 19 | 110 | 111 | 112 | 113 | 114 | 115 | 116 | 117 | 118 | 119 | 120 | 121 |
|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|-------|-------|------|-------|
| Aug-02 | 101.6 | 299.8 | 145.1 | 283.8 | 209.6 | 368.3 | 309.9 | 262.0 | 585.9 | 232.4 | 272.2 | 284.6 | 95.6 | 441.2 | 294.1 | 247.2 | 413.1 | 465.9 | 88.5 | 111.3 |
| Sep-02 | 96.9 | 286.2 | 138.7 | 243.8 | 200.4 | 354.3 | 296.1 | 241.5 | 562.8 | 223.2 | 260.1 | 274.0 | 91.6 | 422.5 | 283.2 | 236.6 | 395.5 | 446.4 | 84.1 | 107.1 |
| Oct-02 | 98.7 | 291.7 | 141.5 | 240.6 | 204.7 | 363.8 | 302.1 | 247.1 | 577.3 | 228.7 | 265.4 | 281.8 | 93.7 | 432.1 | 291.2 | 241.7 | 404.2 | 456.7 | 85.4 | 110.0 |
| Nov-02 | 94.2 | 278.4 | 135.2 | 222.3 | 195.8 | 350.0 | 286.7 | 236.8 | 554.6 | 219.6 | 253.6 | 271.3 | 89.7 | 413.7 | 280.4 | 231.3 | 387.0 | 437.6 | 81.1 | 105.7 |
| Dec-02 | 96.9 | 293.8 | 138.0 | 219.4 | 200.0 | 359.4 | 294.5 | 242.3 | 568.9 | 225.1 | 258.7 | 279.0 | 91.8 | 423.1 | 288.3 | 236.3 | 395.5 | 447.8 | 82.3 | 106.6 |
| Jan-03 | 94.5 | 279.8 | 136.3 | 209.3 | 197.6 | 357.2 | 290.8 | 239.9 | 564.6 | 223.2 | 255.4 | 277.6 | 90.9 | 418.5 | 286.8 | 233.7 | 391.1 | 443.3 | 80.8 | 107.9 |
| Feb-03 | 84.2 | 249.4 | 121.6 | 180.8 | 176.5 | 320.8 | 259.4 | 214.6 | 506.3 | 200.1 | 227.8 | 249.5 | 81.3 | 374.2 | 257.8 | 208.8 | 349.5 | 395.5 | 71.9 | 96.9 |
| Mar-03 | 92.0 | 272.5 | 133.0 | 191.5 | 193.2 | 353.1 | 283.7 | 235.3 | 555.6 | 219.8 | 249.2 | 274.9 | 88.1 | 410.2 | 284.1 | 228.6 | 383.0 | 434.8 | 78.1 | 106.6 |
| Apr-03 | 87.7 | 260.1 | 127.1 | 176.9 | 184.8 | 339.6 | 271.1 | 225.5 | 534.7 | 211.0 | 238.1 | 264.7 | 85.4 | 382.8 | 273.6 | 218.8 | 366.6 | 416.7 | 74.2 | 102.5 |
| May-03 | 89.4 | 265.1 | 129.7 | 174.6 | 188.8 | 348.8 | 276.6 | 230.7 | 548.5 | 216.3 | 242.9 | 272.1 | 87.3 | 401.8 | 281.3 | 223.5 | 374.7 | 426.3 | 75.3 | 105.3 |
| Jun-03 | 85.2 | 253.0 | 123.9 | 161.4 | 180.5 | 335.5 | 264.3 | 221.1 | 526.9 | 207.6 | 232.1 | 262.0 | 83.7 | 384.5 | 270.8 | 213.9 | 358.7 | 408.5 | 71.7 | 101.2 |
| Jul-03 | 86.8 | 267.9 | 126.5 | 159.2 | 184.4 | 344.6 | 269.7 | 228.2 | 540.4 | 212.7 | 238.8 | 269.4 | 85.6 | 393.2 | 278.5 | 218.6 | 366.6 | 417.9 | 72.7 | 103.9 |
| Aug-03 | 85.6 | 254.3 | 124.9 | 151.9 | 182.2 | 342.5 | 266.3 | 224.0 | 536.4 | 211.0 | 233.8 | 268.0 | 84.7 | 389.0 | 277.1 | 216.1 | 362.5 | 413.8 | 71.4 | 103.3 |
| Sep-03 | 81.6 | 242.8 | 119.4 | 140.4 | 174.3 | 329.4 | 254.4 | 214.6 | 515.3 | 202.5 | 223.4 | 258.1 | 81.2 | 372.5 | 268.8 | 206.8 | 347.1 | 396.4 | 67.9 | 99.3 |
| Oct-03 | 83.2 | 247.4 | 121.8 | 138.6 | 178.0 | 338.3 | 259.6 | 219.6 | 528.6 | 207.6 | 227.9 | 265.3 | 83.0 | 381.0 | 274.4 | 211.3 | 354.7 | 405.6 | 68.9 | 102.0 |
| Nov-03 | 79.3 | 236.2 | 116.4 | 128.0 | 170.3 | 325.4 | 248.0 | 210.4 | 507.7 | 199.3 | 217.7 | 255.5 | 79.6 | 364.8 | 264.2 | 202.1 | 339.5 | 388.7 | 65.5 | 98.1 |
| Dec-03 | 80.8 | 240.7 | 118.8 | 126.4 | 173.9 | 334.2 | 253.1 | 215.3 | 520.8 | 204.3 | 222.2 | 262.7 | 81.4 | 373.0 | 271.6 | 206.6 | 347.1 | 397.6 | 66.5 | 100.7 |
| Jan-04 | 79.7 | 237.4 | 117.3 | 120.6 | 171.9 | 332.2 | 249.8 | 213.2 | 516.9 | 202.6 | 219.3 | 261.4 | 80.6 | 369.0 | 270.3 | 204.2 | 343.3 | 383.7 | 65.3 | 100.1 |
| Feb-04 | 73.5 | 219.1 | 108.4 | 107.8 | 158.9 | 308.9 | 230.8 | 197.5 | 480.1 | 188.0 | 202.6 | 243.3 | 74.6 | 341.7 | 251.6 | 188.9 | 317.6 | 364.7 | 60.0 | 93.0 |
| Mar-04 | 77.5 | 231.0 | 114.4 | 110.1 | 168.0 | 328.2 | 243.7 | 203.1 | 509.5 | 199.4 | 213.9 | 258.8 | 79.0 | 361.5 | 267.7 | 199.7 | 336.0 | 386.0 | 63.0 | 98.8 |
| Apr-04 | 73.9 | 220.5 | 109.3 | 101.8 | 160.6 | 315.7 | 232.9 | 200.3 | 489.4 | 191.4 | 204.4 | 249.2 | 75.7 | 346.2 | 257.8 | 191.1 | 321.6 | 369.9 | 59.9 | 95.1 |
| May-04 | 75.3 | 224.7 | 111.5 | 100.4 | 164.1 | 324.3 | 237.6 | 205.0 | 502.0 | 198.2 | 208.5 | 256.2 | 77.4 | 353.9 | 265.0 | 195.3 | 328.7 | 378.5 | 60.8 | 97.6 |
| Jun-04 | 71.8 | 214.5 | 106.6 | 92.8 | 153.9 | 311.9 | 227.0 | 196.4 | 482.3 | 188.3 | 199.2 | 246.7 | 74.2 | 339.0 | 255.2 | 186.9 | 314.7 | 362.6 | 57.8 | 93.9 |
| Jul-04 | 73.1 | 218.6 | 108.8 | 91.6 | 160.3 | 320.3 | 231.6 | 201.0 | 494.7 | 193.0 | 203.3 | 253.7 | 75.9 | 346.6 | 262.4 | 190.9 | 321.6 | 371.1 | 58.6 | 96.4 |
| Aug-04 | 72.1 | 215.6 | 107.4 | 87.4 | 158.4 | 318.4 | 228.7 | 199.0 | 491.0 | 191.5 | 200.6 | 252.4 | 75.1 | 342.9 | 261.1 | 198.8 | 318.1 | 367.3 | 57.6 | 95.8 |
| Sep-04 | 68.8 | 205.8 | 102.7 | 80.8 | 151.5 | 306.2 | 218.5 | 190.6 | 471.7 | 183.8 | 191.7 | 243.0 | 71.9 | 328.4 | 251.4 | 180.6 | 304.4 | 352.0 | 54.7 | 92.1 |
| Oct-04 | 70.1 | 209.8 | 104.8 | 79.7 | 154.7 | 314.5 | 223.0 | 195.1 | 483.8 | 188.4 | 195.6 | 249.8 | 73.6 | 335.8 | 258.5 | 184.6 | 311.2 | 360.1 | 55.6 | 94.6 |
| Nov-04 | 66.8 | 200.2 | 100.1 | 73.6 | 148.0 | 302.5 | 213.0 | 186.9 | 464.8 | 180.8 | 186.9 | 240.6 | 70.5 | 321.6 | 248.9 | 176.6 | 297.9 | 345.0 | 52.8 | 91.0 |
| Dec-04 | 68.1 | 204.1 | 102.2 | 72.7 | 151.2 | 310.7 | 217.4 | 191.3 | 476.7 | 185.3 | 190.7 | 247.4 | 72.1 | 328.8 | 255.9 | 180.5 | 304.4 | 353.0 | 53.6 | 93.4 |
| Jan-05 | 67.1 | 201.2 | 100.9 | 69.3 | 149.4 | 308.8 | 214.6 | 189.3 | 473.2 | 183.8 | 188.2 | 246.1 | 71.4 | 325.3 | 254.6 | 178.4 | 301.1 | 349.5 | 52.6 | 92.8 |
| Feb-05 | 58.8 | 179.4 | 90.0 | 59.9 | 133.4 | 277.3 | 191.5 | 169.4 | 424.3 | 164.8 | 167.9 | 221.2 | 63.9 | 290.9 | 228.9 | 159.4 | 269.1 | 312.7 | 46.7 | 83.3 |
| Mar-05 | 65.3 | 195.9 | 98.4 | 63.4 | 148.0 | 305.2 | 209.4 | 185.8 | 466.5 | 180.9 | 183.7 | 243.7 | 70.0 | 318.7 | 252.2 | 174.6 | 294.8 | 342.8 | 50.9 | 91.7 |
| Apr-05 | 62.3 | 187.0 | 94.1 | 58.6 | 139.7 | 293.6 | 200.1 | 178.0 | 448.1 | 173.8 | 175.5 | 234.7 | 67.1 | 305.3 | 242.9 | 167.0 | 282.2 | 328.5 | 48.3 | 88.2 |
| May-05 | 63.4 | 190.6 | 96.0 | 57.8 | 142.7 | 301.5 | 204.2 | 182.1 | 459.6 | 178.1 | 179.0 | 241.3 | 68.6 | 312.1 | 249.7 | 170.7 | 288.5 | 336.1 | 49.0 | 90.5 |
| Jun-05 | 60.5 | 182.0 | 91.8 | 53.5 | 136.5 | 290.0 | 195.1 | 174.5 | 441.5 | 170.9 | 171.1 | 232.3 | 65.7 | 298.9 | 240.5 | 163.3 | 278.1 | 322.0 | 46.6 | 87.1 |
| Jul-05 | 61.6 | 185.5 | 93.7 | 52.7 | 139.4 | 297.9 | 199.0 | 178.6 | 452.9 | 175.2 | 174.5 | 238.9 | 67.2 | 305.6 | 247.3 | 166.9 | 282.2 | 329.5 | 47.3 | 89.4 |
| Aug-05 | 60.7 | 182.9 | 92.5 | 50.3 | 137.7 | 296.0 | 193.5 | 176.8 | 449.5 | 173.8 | 172.3 | 237.7 | 66.6 | 302.3 | 246.0 | 165.0 | 279.1 | 326.2 | 46.4 | 88.8 |
| Sep-05 | 58.0 | 174.6 | 88.4 | 48.5 | 131.7 | 284.8 | 187.8 | 169.4 | 431.8 | 168.8 | 164.6 | 228.8 | 63.8 | 289.6 | 236.9 | 157.9 | 267.2 | 312.6 | 44.1 | 85.4 |
| Oct-05 | 58.0 | 177.9 | 90.1 | 45.9 | 134.6 | 292.5 | 191.6 | 173.3 | 442.9 | 171.0 | 168.0 | 235.3 | 65.2 | 295.1 | 243.6 | 161.3 | 273.1 | 319.8 | 44.8 | 87.7 |
| Nov-05 | 56.3 | 169.8 | 86.2 | 42.4 | 128.7 | 281.3 | 183.1 | 166.1 | 425.5 | 164.1 | 160.5 | 226.6 | 62.5 | 283.5 | 234.6 | 154.3 | 261.4 | 306.4 | 42.6 | 84.4 |
| Dec-05 | 57.4 | 173.1 | 87.9 | 41.9 | 131.5 | 288.9 | 188.8 | 170.0 | 436.5 | 168.3 | 163.7 | 232.9 | 63.9 | 289.9 | 241.2 | 157.7 | 267.2 | 313.5 | 43.3 | 86.6 |
| Jan-06 | 56.5 | 170.7 | 86.8 | 39.9 | 128.9 | 287.1 | 184.4 | 168.3 | 433.2 | 166.8 | 161.6 | 231.7 | 63.3 | 286.8 | 240.0 | 155.9 | 264.2 | 310.4 | 42.5 | 86.1 |
| Feb-06 | 50.4 | 152.1 | 77.5 | 34.5 | 116.0 | 257.8 | 164.5 | 150.5 | 388.5 | 149.6 | 144.2 | 208.3 | 56.6 | 256.4 | 215.7 | 139.3 | 236.2 | 277.7 | 37.7 | 77.3 |
| Mar-06 | 55.0 | 166.2 | 84.7 | 36.5 | 127.0 | 283.8 | 179.9 | 165.1 | 427.1 | 164.3 | 157.7 | 229.5 | 62.1 | 281.1 | 237.7 | 152.6 | 258.7 | 304.5 | 41.0 | 85.0 |
| Apr-06 | 52.5 | 158.6 | 81.0 | 33.8 | 121.5 | 273.0 | 171.9 | 158.2 | 410.3 | 157.7 | 150.7 | 221.0 | 59.5 | 269.2 | 228.9 | 146.0 | 247.6 | 291.8 | 39.0 | 81.8 |
| May-06 | 53.4 | 161.7 | 82.7 | 33.3 | 124.1 | 280.4 | 175.4 | 161.8 | 420.8 | 161.7 | 153.7 | 227.2 | 60.8 | 275.3 | 236.3 | 149.2 | 253.1 | 296.5 | 39.6 | 84.0 |
| Jun-06 | 51.0 | 154.3 | 79.0 | 30.8 | 118.7 | 269.7 | 167.6 | 155.1 | 404.3 | 155.2 | 146.9 | 218.8 | 58.3 | 263.6 | 226.6 | 142.7 | 242.3 | 286.0 | 37.6 | 80.8 |
| Jul-06 | 51.9 | 157.3 | 80.6 | 30.4 | 121.2 | 277.0 | 171.0 | 158.7 | 414.7 | 159.0 | 149.9 | 225.0 | 59.6 | 269.5 | 233.0 | 145.8 | 247.6 | 292.6 | 38.2 | 82.9 |
| Aug-06 | 51.2 | 155.1 | 79.6 | 0.0 | 119.8 | 275.3 | 168.8 | 157.1 | 411.6 | 157.7 | 147.9 | 223.8 | 59.0 | 266.7 | 231.8 | 144.2 | 244.9 | 299.7 | 37.5 | 82.4 |
| Sep-06 | 48.8 | 148.1 | 76.1 | 0.0 | 114.6 | 264.8 | 161.3 | 150.5 | 395.4 | 151.4 | 141.4 | 215.5 | 56.5 | 255.3 | 223.3 | 138.0 | 234.4 | 277.6 | 35.6 | 79.2 |
| Oct-06 | 48.7 | 150.9 | 77.6 | 0.0 | 117.0 | 271.9 | 164.6 | 154.0 | 405.5 | 155.2 | 144.2 | 221.5 | 57.8 | 261.1 | 228.5 | 141.0 | 238.6 | 284.0 | 36.2 | 81.4 |
| Nov-06 | 47.5 | 144.0 | 74.2 | 0.0 | 111.9 | 261.6 | 157.3 | 147.6 | 389.6 | 149.0 | 137.8 | 213.3 | 55.4 | 250.0 | 221.0 | 134.9 | 228.4 | 272.1 | 34.4 | 78.3 |
| Dec-06 | 48.3 | 146.8 | 75.7 | 0.0 | 114.3 | 268.7 | 160.5 | 151.0 | 399.6 | 152.7 | 140.6 | 219.3 | 56.7 | 255.7 | 227.3 | 137.8 | 234.4 | 278.4 | 34.9 | 80.4 |
| Jan-07 | 47.6 | 144.8 | 74.7 | 0.0 | 113.0 | 267.0 | 158.4 | 149.5 | 395.6 | 151.4 | 138.8 | 218.2 | 56.1 | 252.9 | 226.1 | 136.3 | 231.9 | 275.6 | 34.3 | 79.8 |
| Feb-07 | 42.4 | 129.0 | 66.7 | 0.0 | 100.9 | 239.8 | 141.4 | 133.8 | 355.7 | 135.7 | 123.8 | 186.2 | 50.2 | 226.2 | 203.3 | 121.7 | 207.2 | 246.6 | 30.4 | 71.7 |
| Mar-07 | 46.3 | 141.0 | 72.9 | 0.0 | 110.4 | 263.9 | 154.6 | 146.7 | 391.0 | 149.1 | 136.4 | 216.2 | 55.0 | 247.8 | 224.0 | 133.3 | 227.0 | 270.4 | 33.1 | 78.9 |
| Apr-07 | 44.2 | 134.6 | 69.7 | 0.0 | 105.6 | 253.8 | 147.7 | 140.6 | 375.6 | 143.1 | 129.4 | 208.1 | 52.7 | 237.3 | 215.7 | 127.6 | 217.4 | 259.1 | 31.5 | 75.9 |
| May-07 | 45.0 | 137.1 | 71.1 | 0.0 | 107.9 | 260.7 | 150.7 | 143.8 | 385.3 | 146.7 | 132.0 | 214.0 | 53.9 | 242.7 | 221.7 | 130.4 | 222.1 | 265.1 | | |

| | | | | | | | | | | | | | | | | | | | | |
|--------|------|-------|------|-----|------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|-------|-------|-----|------|
| Nov-08 | 33.7 | 103.6 | 54.9 | 0.0 | 84.6 | 226.1 | 116.1 | 116.5 | 326.5 | 122.7 | 101.6 | 189.2 | 43.5 | 194.3 | 198.2 | 103.0 | 176.5 | 214.6 | 0.0 | 67.3 |
| Dec-08 | 34.3 | 105.6 | 56.0 | 0.0 | 85.4 | 232.2 | 118.4 | 119.2 | 334.9 | 125.8 | 103.6 | 194.5 | 44.5 | 198.7 | 201.8 | 105.2 | 180.5 | 219.5 | 0.0 | 69.1 |
| Jan-09 | 33.8 | 104.1 | 55.3 | 0.0 | 85.4 | 230.8 | 116.9 | 118.0 | 332.4 | 124.7 | 102.3 | 193.5 | 44.1 | 196.6 | 200.8 | 104.0 | 178.5 | 217.3 | 0.0 | 68.7 |
| Feb-09 | 30.1 | 92.8 | 49.4 | 0.0 | 76.3 | 207.3 | 104.3 | 105.6 | 298.1 | 111.8 | 91.3 | 173.9 | 39.4 | 175.8 | 180.5 | 92.9 | 169.6 | 194.4 | 0.0 | 61.7 |
| Mar-09 | 32.9 | 101.4 | 54.0 | 0.0 | 83.5 | 228.1 | 114.1 | 115.8 | 327.7 | 122.8 | 99.8 | 191.6 | 43.2 | 192.6 | 198.8 | 101.8 | 174.8 | 213.2 | 0.0 | 67.8 |
| Apr-09 | 31.4 | 96.8 | 51.6 | 0.0 | 79.8 | 219.4 | 109.0 | 111.0 | 314.8 | 117.9 | 95.4 | 184.5 | 41.4 | 184.5 | 191.5 | 97.4 | 167.3 | 204.3 | 0.0 | 65.2 |
| May-09 | 32.0 | 98.6 | 52.7 | 0.0 | 81.5 | 225.4 | 111.2 | 113.5 | 322.9 | 120.8 | 97.3 | 189.7 | 42.3 | 188.6 | 196.9 | 99.5 | 171.0 | 209.0 | 0.0 | 67.0 |
| Jun-09 | 30.5 | 94.1 | 50.4 | 0.0 | 78.0 | 216.8 | 108.3 | 108.8 | 310.2 | 116.0 | 93.0 | 182.7 | 40.6 | 180.6 | 189.6 | 95.2 | 163.7 | 200.2 | 0.0 | 64.4 |
| Jul-09 | 31.1 | 95.9 | 51.3 | 0.0 | 79.7 | 222.6 | 108.5 | 111.3 | 318.2 | 118.9 | 94.9 | 187.8 | 41.5 | 184.7 | 194.9 | 97.3 | 167.3 | 204.9 | 0.0 | 65.2 |
| Aug-09 | 0.0 | 94.6 | 50.7 | 0.0 | 78.7 | 221.3 | 107.1 | 110.2 | 315.8 | 117.9 | 93.6 | 186.9 | 41.1 | 182.7 | 193.9 | 96.2 | 165.4 | 202.8 | 0.0 | 65.7 |
| Sep-09 | 0.0 | 90.3 | 48.5 | 0.0 | 75.3 | 212.8 | 102.3 | 105.6 | 303.4 | 113.1 | 89.5 | 179.9 | 39.4 | 175.0 | 186.8 | 92.1 | 158.4 | 194.4 | 0.0 | 63.2 |
| Oct-09 | 0.0 | 92.0 | 49.5 | 0.0 | 76.9 | 218.6 | 104.4 | 108.0 | 311.2 | 116.0 | 91.3 | 185.0 | 40.3 | 179.0 | 192.0 | 94.1 | 161.9 | 198.9 | 0.0 | 64.9 |
| Nov-09 | 0.0 | 87.9 | 47.3 | 0.0 | 73.6 | 210.3 | 99.7 | 103.5 | 298.9 | 111.4 | 87.2 | 178.1 | 38.6 | 171.4 | 184.9 | 90.0 | 155.0 | 190.6 | 0.0 | 62.4 |
| Dec-09 | 0.0 | 89.5 | 48.2 | 0.0 | 75.1 | 216.0 | 101.8 | 105.9 | 306.6 | 114.1 | 89.0 | 183.1 | 39.5 | 175.2 | 190.1 | 92.0 | 158.4 | 195.0 | 0.0 | 64.1 |
| Jan-10 | 0.0 | 88.3 | 47.6 | 0.0 | 74.2 | 214.6 | 100.5 | 104.9 | 304.3 | 113.3 | 87.8 | 182.2 | 39.1 | 173.3 | 189.2 | 90.9 | 156.6 | 193.0 | 0.0 | 63.7 |
| Feb-10 | 0.0 | 78.7 | 42.5 | 0.0 | 66.3 | 192.7 | 89.6 | 93.8 | 272.9 | 101.5 | 78.4 | 163.8 | 34.9 | 155.0 | 170.1 | 81.2 | 140.0 | 172.6 | 0.0 | 57.2 |
| Mar-10 | 0.0 | 86.0 | 46.4 | 0.0 | 72.6 | 212.1 | 98.0 | 102.9 | 300.0 | 111.5 | 85.7 | 180.4 | 38.3 | 169.8 | 187.4 | 89.0 | 153.4 | 189.3 | 0.0 | 62.9 |
| Apr-10 | 0.0 | 82.1 | 44.4 | 0.0 | 69.4 | 204.0 | 93.7 | 98.6 | 288.2 | 107.0 | 81.9 | 173.8 | 36.7 | 162.7 | 180.4 | 85.1 | 146.8 | 181.4 | 0.0 | 60.5 |
| May-10 | 0.0 | 83.6 | 45.3 | 0.0 | 70.9 | 209.5 | 95.6 | 100.9 | 295.6 | 109.6 | 83.6 | 178.7 | 37.5 | 166.3 | 185.5 | 87.0 | 150.0 | 185.6 | 0.0 | 62.1 |
| Jun-10 | 0.0 | 79.8 | 43.3 | 0.0 | 67.8 | 201.6 | 91.3 | 96.7 | 284.0 | 105.2 | 79.8 | 172.0 | 36.0 | 159.3 | 178.7 | 83.2 | 143.6 | 177.9 | 0.0 | 59.8 |
| Jul-10 | 0.0 | 81.4 | 44.2 | 0.0 | 69.3 | 207.0 | 93.2 | 98.9 | 291.3 | 107.9 | 81.5 | 176.9 | 36.8 | 162.9 | 183.7 | 85.0 | 148.8 | 182.0 | 0.0 | 61.4 |
| Aug-10 | 0.0 | 80.2 | 43.6 | 0.0 | 68.5 | 205.7 | 92.0 | 97.9 | 289.1 | 107.0 | 80.4 | 176.0 | 36.4 | 161.1 | 182.8 | 84.1 | 145.2 | 180.2 | 0.0 | 61.0 |
| Sep-10 | 0.0 | 76.6 | 41.7 | 0.0 | 65.5 | 197.9 | 87.9 | 93.8 | 277.7 | 102.7 | 76.8 | 169.4 | 34.9 | 154.3 | 176.0 | 80.5 | 139.0 | 172.6 | 0.0 | 58.6 |
| Oct-10 | 0.0 | 78.1 | 42.5 | 0.0 | 66.9 | 203.3 | 89.7 | 96.0 | 284.9 | 105.3 | 78.4 | 174.2 | 35.7 | 157.7 | 181.0 | 82.2 | 142.1 | 176.6 | 0.0 | 60.2 |
| Nov-10 | 0.0 | 74.5 | 40.7 | 0.0 | 64.0 | 195.5 | 85.7 | 92.0 | 273.7 | 101.0 | 74.9 | 167.7 | 34.2 | 151.1 | 174.2 | 78.7 | 136.0 | 169.2 | 0.0 | 57.9 |
| Dec-10 | 0.0 | 75.9 | 41.5 | 0.0 | 65.3 | 200.8 | 87.5 | 94.1 | 280.7 | 103.6 | 76.4 | 172.5 | 35.0 | 154.5 | 179.2 | 80.4 | 139.0 | 173.1 | 0.0 | 59.5 |
| Jan-11 | 0.0 | 74.9 | 41.0 | 0.0 | 64.6 | 199.6 | 86.3 | 93.2 | 278.6 | 102.8 | 75.4 | 171.6 | 34.6 | 152.9 | 178.3 | 79.5 | 137.5 | 171.4 | 0.0 | 58.1 |
| Feb-11 | 0.0 | 66.7 | 36.5 | 0.0 | 57.7 | 179.2 | 77.0 | 83.4 | 249.9 | 92.1 | 67.3 | 154.2 | 31.0 | 136.7 | 160.2 | 71.0 | 122.8 | 153.3 | 0.0 | 53.0 |
| Mar-11 | 0.0 | 72.9 | 40.0 | 0.0 | 63.1 | 197.2 | 84.2 | 91.4 | 274.7 | 101.1 | 73.6 | 169.9 | 34.0 | 149.8 | 176.6 | 77.7 | 134.6 | 168.1 | 0.0 | 58.4 |
| Apr-11 | 0.0 | 69.6 | 38.2 | 0.0 | 60.4 | 189.7 | 80.5 | 87.6 | 263.9 | 97.1 | 70.3 | 163.7 | 32.5 | 143.4 | 170.0 | 74.4 | 128.9 | 161.1 | 0.0 | 56.1 |
| May-11 | 0.0 | 70.9 | 39.0 | 0.0 | 61.7 | 194.8 | 82.1 | 89.6 | 270.7 | 99.5 | 71.8 | 168.2 | 33.3 | 146.6 | 174.8 | 76.0 | 131.6 | 164.8 | 0.0 | 57.6 |
| Jun-11 | 0.0 | 67.7 | 37.3 | 0.0 | 59.0 | 187.4 | 78.5 | 85.9 | 260.0 | 95.5 | 68.6 | 162.0 | 31.9 | 140.4 | 168.3 | 72.7 | 126.0 | 157.9 | 0.0 | 55.4 |
| Jul-11 | 0.0 | 68.0 | 38.0 | 0.0 | 60.2 | 182.5 | 80.1 | 87.9 | 266.7 | 98.0 | 69.9 | 166.6 | 32.6 | 143.6 | 173.1 | 74.3 | 128.9 | 161.6 | 0.0 | 56.9 |
| Aug-11 | 0.0 | 68.1 | 37.5 | 0.0 | 59.5 | 191.3 | 79.1 | 87.0 | 264.7 | 97.1 | 69.0 | 165.7 | 32.3 | 142.1 | 172.2 | 73.5 | 127.4 | 160.0 | 0.0 | 56.6 |
| Sep-11 | 0.0 | 65.0 | 35.9 | 0.0 | 56.9 | 184.0 | 75.5 | 83.4 | 254.3 | 93.2 | 66.0 | 159.6 | 30.9 | 136.0 | 165.8 | 70.3 | 121.9 | 153.3 | 0.0 | 54.4 |
| Oct-11 | 0.0 | 68.2 | 36.7 | 0.0 | 58.2 | 189.0 | 77.1 | 85.3 | 260.8 | 95.5 | 67.3 | 164.0 | 31.6 | 139.1 | 170.5 | 71.8 | 124.7 | 156.8 | 0.0 | 55.9 |
| Nov-11 | 0.0 | 63.2 | 35.0 | 0.0 | 55.6 | 181.8 | 73.6 | 81.8 | 250.6 | 91.8 | 64.3 | 158.0 | 30.3 | 133.2 | 164.2 | 68.7 | 119.3 | 150.3 | 0.0 | 53.7 |
| Dec-11 | 0.0 | 64.4 | 35.7 | 0.0 | 56.8 | 186.7 | 75.1 | 83.6 | 257.0 | 94.0 | 65.6 | 162.4 | 31.0 | 136.3 | 168.8 | 70.2 | 121.9 | 153.8 | 0.0 | 56.2 |
| Jan-12 | 0.0 | 63.5 | 35.3 | 0.0 | 56.1 | 185.6 | 74.2 | 82.8 | 255.1 | 93.2 | 64.8 | 161.6 | 0.0 | 134.7 | 168.0 | 69.4 | 120.6 | 152.2 | 0.0 | 54.8 |
| Feb-12 | 0.0 | 58.6 | 32.6 | 0.0 | 51.9 | 172.6 | 68.5 | 76.7 | 236.9 | 85.5 | 59.8 | 150.4 | 0.0 | 124.8 | 156.4 | 64.2 | 111.6 | 141.0 | 0.0 | 51.0 |
| Mar-12 | 0.0 | 61.8 | 34.4 | 0.0 | 54.9 | 183.4 | 72.4 | 81.2 | 251.4 | 91.8 | 63.2 | 160.0 | 0.0 | 132.0 | 166.4 | 67.9 | 118.1 | 149.3 | 0.0 | 54.1 |
| Apr-12 | 0.0 | 59.0 | 32.9 | 0.0 | 52.5 | 176.4 | 69.1 | 77.8 | 241.5 | 88.2 | 60.4 | 154.1 | 0.0 | 126.3 | 160.2 | 65.0 | 113.0 | 143.0 | 0.0 | 52.1 |
| May-12 | 0.0 | 60.1 | 33.6 | 0.0 | 53.6 | 181.1 | 70.5 | 79.6 | 247.7 | 90.4 | 61.6 | 158.4 | 0.0 | 129.2 | 164.7 | 66.4 | 115.6 | 146.3 | 0.0 | 53.5 |
| Jun-12 | 0.0 | 57.4 | 32.1 | 0.0 | 51.3 | 174.2 | 67.4 | 76.3 | 238.0 | 86.7 | 58.8 | 152.5 | 0.0 | 123.8 | 158.6 | 63.5 | 110.6 | 140.2 | 0.0 | 51.4 |
| Jul-12 | 0.0 | 58.5 | 32.7 | 0.0 | 52.4 | 179.0 | 68.8 | 78.1 | 244.1 | 88.8 | 60.0 | 156.8 | 0.0 | 126.6 | 163.1 | 64.9 | 113.0 | 143.5 | 0.0 | 52.8 |
| Aug-12 | 0.0 | 57.7 | 32.3 | 0.0 | 51.7 | 177.9 | 67.9 | 77.3 | 242.3 | 88.2 | 59.3 | 156.0 | 0.0 | 125.2 | 162.3 | 64.2 | 111.8 | 142.0 | 0.0 | 52.5 |
| Sep-12 | 0.0 | 55.1 | 30.9 | 0.0 | 49.5 | 171.1 | 64.9 | 74.1 | 232.8 | 84.6 | 56.6 | 150.2 | 0.0 | 119.9 | 156.3 | 61.4 | 107.0 | 136.1 | 0.0 | 50.4 |
| Oct-12 | 0.0 | 58.1 | 31.5 | 0.0 | 50.6 | 175.7 | 66.2 | 75.8 | 238.7 | 86.7 | 57.8 | 154.5 | 0.0 | 122.6 | 160.7 | 62.8 | 109.4 | 139.2 | 0.0 | 51.8 |
| Nov-12 | 0.0 | 53.6 | 30.1 | 0.0 | 48.4 | 169.0 | 63.3 | 72.6 | 229.4 | 83.2 | 55.2 | 148.7 | 0.0 | 117.4 | 154.7 | 60.1 | 104.7 | 133.4 | 0.0 | 49.8 |
| Dec-12 | 0.0 | 54.6 | 0.0 | 0.0 | 49.4 | 173.6 | 64.5 | 74.3 | 235.3 | 85.3 | 56.3 | 152.9 | 0.0 | 120.1 | 159.1 | 61.4 | 107.0 | 136.5 | 0.0 | 51.2 |
| Jan-13 | 0.0 | 53.9 | 0.0 | 0.0 | 48.8 | 172.5 | 63.7 | 73.6 | 233.5 | 84.6 | 55.6 | 152.2 | 0.0 | 118.8 | 158.3 | 60.7 | 105.8 | 135.2 | 0.0 | 50.8 |
| Feb-13 | 0.0 | 48.0 | 0.0 | 0.0 | 43.6 | 154.9 | 56.8 | 65.8 | 209.4 | 75.8 | 49.6 | 136.7 | 0.0 | 106.2 | 142.3 | 54.2 | 94.5 | 120.9 | 0.0 | 45.6 |
| Mar-13 | 0.0 | 52.4 | 0.0 | 0.0 | 47.7 | 170.5 | 62.2 | 72.2 | 230.2 | 83.3 | 54.2 | 150.7 | 0.0 | 116.3 | 156.8 | 59.4 | 103.6 | 132.6 | 0.0 | 50.2 |
| Apr-13 | 0.0 | 50.1 | 0.0 | 0.0 | 45.6 | 164.0 | 59.4 | 69.2 | 221.1 | 80.0 | 51.8 | 145.1 | 0.0 | 111.5 | 150.9 | 56.8 | 99.2 | 127.0 | 0.0 | 48.3 |
| May-13 | 0.0 | 51.0 | 0.0 | 0.0 | 46.6 | 168.4 | 60.6 | 70.8 | 226.8 | 82.0 | 52.9 | 149.2 | 0.0 | 113.9 | 155.2 | 58.0 | 101.4 | 130.0 | 0.0 | 49.6 |
| Jun-13 | 0.0 | 48.7 | 0.0 | 0.0 | 44.6 | 162.0 | 57.9 | 67.8 | 217.9 | 78.7 | 50.5 | 143.6 | 0.0 | 109.2 | 149.5 | 55.5 | 97.1 | 124.5 | 0.0 | 47.7 |
| Jul-13 | 0.0 | 49.6 | 0.0 | 0.0 | 45.5 | 166.4 | 59.1 | 69.4 | 223.5 | 80.7 | 51.6 | 147.7 | 0.0 | 111.6 | 153.7 | 56.7 | 99.2 | 127.4 | 0.0 | 49.0 |
| Aug-13 | 0.0 | 48.9 | 0.0 | 0.0 | 45.0 | 165.4 | 58.3 | 68.7 | 221.8 | 80.0 | 50.9 | 146.9 | 0.0 | 110.4 | 152.9 | 56.1 | 98.1 | 126.1 | 0.0 | 48.7 |
| Sep-13 | 0.0 | 46.7 | 0.0 | 0.0 | 43.0 | 159.1 | 55.7 | 65.8 | 213.1 | 76.8 | 48.6 | 141.5 | 0.0 | 105.8 | 147.2 | 53.7 | 93.9 | 120.8 | 0.0 | 46.8 |
| Oct-13 | 0.0 | 47.6 | 0.0 | 0.0 | 44.0 | 163.4 | 56.9 | 67.3 | 218.6 | 78.7 | 49.6 | 145.4 | 0.0 | 108.1 | 151.4 | 54.9 | 96.0 | 123.7 | 0.0 | 48.0 |
| Nov-13 | 0.0 | 45.4 | 0.0 | 0.0 | 42.0 | 157.2 | 54.4 | 64.5 | 210.0 | 75.5 | 47.4 | 140.0 | 0.0 | 103.6 | 145.8 | 52.5 | 91.9 | 118.5 | 0.0 | 46.2 |
| Dec-13 | 0.0 | 46.3 | 0.0 | 0.0 | 42.9 | 161.4 | 55.5 | 66.0 | 215.4 | 77.5 | 48.4 | 144.0 | 0.0 | 105.9 | 149.9 | 53.6 | 93.9 | 121.2 | 0.0 | 47.4 |
| Jan-14 | 0.0 | 45.7 | 0.0 | | | | | | | | | | | | | | | | | |

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|------------------------------------|-----|------|-----|-----|------|-------|------|------|-------|------|------|-------|-----|------|-------|------|------|-------|-----|------|
| May-15 | 0.0 | 36.7 | 0.0 | 0.0 | 35.2 | 145.6 | 44.8 | 55.9 | 190.1 | 67.6 | 39.0 | 132.3 | 0.0 | 88.6 | 137.8 | 44.3 | 78.0 | 102.5 | 0.0 | 42.7 |
| Jun-15 | 0.0 | 35.0 | 0.0 | 0.0 | 33.7 | 140.1 | 42.8 | 53.5 | 182.6 | 64.8 | 37.3 | 127.4 | 0.0 | 84.9 | 132.7 | 42.4 | 74.7 | 98.2 | 0.0 | 41.0 |
| Jul-15 | 0.0 | 35.7 | 0.0 | 0.0 | 34.4 | 143.9 | 43.6 | 54.8 | 187.4 | 66.5 | 38.0 | 131.0 | 0.0 | 86.7 | 136.4 | 43.3 | 76.4 | 100.5 | 0.0 | 42.1 |
| Aug-15 | 0.0 | 35.2 | 0.0 | 0.0 | 34.0 | 143.0 | 43.1 | 54.2 | 185.9 | 65.9 | 37.5 | 130.3 | 0.0 | 85.8 | 135.6 | 42.8 | 75.5 | 99.5 | 0.0 | 41.9 |
| Sep-15 | 0.0 | 33.6 | 0.0 | 0.0 | 32.5 | 137.5 | 41.2 | 52.0 | 178.6 | 63.3 | 35.9 | 125.5 | 0.0 | 82.2 | 130.8 | 41.0 | 72.3 | 95.3 | 0.0 | 40.3 |
| Oct-15 | 0.0 | 34.3 | 0.0 | 0.0 | 33.2 | 141.3 | 42.0 | 53.2 | 183.2 | 64.8 | 36.6 | 129.0 | 0.0 | 84.1 | 134.4 | 41.9 | 73.9 | 97.5 | 0.0 | 41.3 |
| Nov-15 | 0.0 | 32.7 | 0.0 | 0.0 | 31.8 | 135.9 | 40.1 | 51.0 | 176.0 | 62.2 | 35.0 | 124.2 | 0.0 | 80.5 | 129.5 | 40.1 | 70.8 | 93.4 | 0.0 | 39.8 |
| Dec-15 | 0.0 | 33.3 | 0.0 | 0.0 | 32.5 | 139.6 | 40.9 | 52.1 | 180.5 | 63.8 | 35.7 | 127.7 | 0.0 | 82.3 | 133.1 | 41.0 | 72.3 | 95.6 | 0.0 | 40.8 |
| Jan-16 | 0.0 | 32.9 | 0.0 | 0.0 | 32.1 | 138.7 | 40.4 | 51.6 | 179.2 | 63.3 | 35.2 | 127.1 | 0.0 | 81.4 | 132.4 | 40.5 | 71.5 | 94.7 | 0.0 | 40.6 |
| Feb-16 | 0.0 | 30.3 | 0.0 | 0.0 | 29.7 | 129.0 | 37.3 | 47.8 | 166.4 | 58.6 | 32.5 | 118.3 | 0.0 | 75.4 | 123.3 | 37.5 | 66.1 | 87.7 | 0.0 | 37.7 |
| Mar-16 | 0.0 | 32.0 | 0.0 | 0.0 | 31.4 | 137.1 | 39.4 | 50.6 | 176.6 | 62.3 | 34.3 | 125.8 | 0.0 | 79.8 | 131.1 | 39.6 | 70.0 | 92.8 | 0.0 | 40.1 |
| Apr-16 | 0.0 | 30.5 | 0.0 | 0.0 | 30.0 | 131.8 | 37.7 | 48.5 | 169.7 | 59.8 | 32.8 | 121.1 | 0.0 | 76.4 | 126.3 | 37.9 | 67.0 | 88.9 | 0.0 | 38.5 |
| May 2016- varianta corecta | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 135.4 | 38.4 | 49.6 | 174.0 | 61.3 | 33.5 | 124.5 | 0.0 | 78.1 | 129.8 | 38.7 | 68.5 | 91.0 | 0.0 | 39.6 |
| May 2016- varianta decontata | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 50.0 | 38.4 | 49.6 | 174.0 | 61.3 | 33.5 | 124.5 | 0.0 | 78.1 | 129.8 | 38.7 | 68.5 | 91.0 | 0.0 | 0.0 |
| Broasa materiale | | | | | | 85.4 | | | | | | | | | | | | | | 39.6 |
| Jun-16 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 47.8 | 36.7 | 47.6 | 167.2 | 58.8 | 32.0 | 119.9 | 0.0 | 74.8 | 125.0 | 37.1 | 65.6 | 87.2 | 0.0 | 0.0 |
| Jul-16 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 48.8 | 37.5 | 48.7 | 171.5 | 60.3 | 32.6 | 123.3 | 0.0 | 76.5 | 128.6 | 37.9 | 67.0 | 89.2 | 0.0 | 0.0 |
| Aug-16 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 48.2 | 37.0 | 48.2 | 170.2 | 59.8 | 32.2 | 122.7 | 0.0 | 75.6 | 127.9 | 37.4 | 66.3 | 88.3 | 0.0 | 0.0 |
| Sep-16 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 46.1 | 35.4 | 46.2 | 163.5 | 57.5 | 30.8 | 116.1 | 0.0 | 72.4 | 123.2 | 35.8 | 63.4 | 84.6 | 0.0 | 0.0 |
| Oct-16 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 47.1 | 36.1 | 47.2 | 167.7 | 58.9 | 31.4 | 121.5 | 0.0 | 74.1 | 126.7 | 36.6 | 64.8 | 86.6 | 0.0 | 0.0 |
| Nov-16 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 45.0 | 34.5 | 45.3 | 161.1 | 56.5 | 30.0 | 116.9 | 0.0 | 71.0 | 122.0 | 35.0 | 62.1 | 83.0 | 0.0 | 0.0 |
| Dec-16 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 46.0 | 35.2 | 46.3 | 165.3 | 57.9 | 0.0 | 120.2 | 0.0 | 72.5 | 125.4 | 35.8 | 63.4 | 84.9 | 0.0 | 0.0 |
| Jan-17 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 45.4 | 34.7 | 45.9 | 164.0 | 57.5 | 0.0 | 119.6 | 0.0 | 71.8 | 124.8 | 35.4 | 62.7 | 84.0 | 0.0 | 0.0 |
| Feb-17 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 40.6 | 31.0 | 41.0 | 147.1 | 51.4 | 0.0 | 107.5 | 0.0 | 64.2 | 112.2 | 31.6 | 56.0 | 75.2 | 0.0 | 0.0 |
| Mar-17 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 44.4 | 33.9 | 45.0 | 161.7 | 56.6 | 0.0 | 118.5 | 0.0 | 70.3 | 123.6 | 34.6 | 61.4 | 82.4 | 0.0 | 0.0 |
| Apr-17 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 42.5 | 32.4 | 43.1 | 155.3 | 54.3 | 0.0 | 114.1 | 0.0 | 67.4 | 119.0 | 33.1 | 58.8 | 79.0 | 0.0 | 0.0 |
| May-17 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 43.4 | 33.0 | 44.1 | 159.3 | 55.6 | 0.0 | 117.3 | 0.0 | 68.9 | 122.4 | 33.8 | 60.1 | 80.8 | 0.0 | 0.0 |
| Jun-17 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 41.5 | 31.6 | 42.3 | 153.1 | 53.4 | 0.0 | 112.9 | 0.0 | 65.9 | 117.8 | 32.4 | 57.6 | 77.4 | 0.0 | 0.0 |
| Jul-17 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 42.4 | 32.2 | 43.2 | 157.0 | 54.7 | 0.0 | 116.1 | 0.0 | 67.5 | 121.1 | 33.1 | 58.8 | 79.2 | 0.0 | 0.0 |
| Aug-17 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 41.9 | 31.8 | 42.8 | 155.8 | 54.3 | 0.0 | 115.5 | 0.0 | 66.7 | 120.5 | 32.7 | 58.1 | 78.4 | 0.0 | 0.0 |
| Sep-17 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 40.0 | 30.4 | 41.0 | 149.7 | 52.1 | 0.0 | 111.3 | 0.0 | 63.8 | 116.1 | 31.3 | 55.7 | 75.2 | 0.0 | 0.0 |
| Oct-17 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 40.9 | 31.0 | 42.0 | 153.6 | 53.4 | 0.0 | 114.4 | 0.0 | 65.4 | 119.4 | 32.0 | 56.9 | 76.9 | 0.0 | 0.0 |
| Nov-17 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 39.1 | 0.0 | 40.2 | 147.5 | 51.3 | 0.0 | 110.1 | 0.0 | 62.5 | 114.9 | 30.6 | 54.5 | 73.7 | 0.0 | 0.0 |
| Dec-17 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 39.9 | 0.0 | 41.2 | 151.3 | 52.5 | 0.0 | 113.3 | 0.0 | 63.9 | 118.2 | 31.3 | 55.7 | 75.4 | 0.0 | 0.0 |
| Jan-18 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 39.4 | 0.0 | 40.7 | 150.2 | 52.1 | 0.0 | 112.6 | 0.0 | 63.3 | 117.6 | 30.9 | 55.0 | 74.6 | 0.0 | 0.0 |
| Feb-18 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 35.2 | 0.0 | 36.5 | 134.7 | 46.7 | 0.0 | 101.3 | 0.0 | 56.6 | 105.7 | 0.0 | 49.2 | 66.8 | 0.0 | 0.0 |
| Mar-18 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 38.6 | 0.0 | 40.0 | 148.0 | 51.3 | 0.0 | 111.5 | 0.0 | 62.0 | 116.4 | 0.0 | 53.9 | 73.2 | 0.0 | 0.0 |
| Apr-18 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 36.9 | 0.0 | 38.3 | 142.2 | 49.2 | 0.0 | 107.4 | 0.0 | 59.4 | 112.2 | 0.0 | 51.6 | 70.2 | 0.0 | 0.0 |
| May-18 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 37.7 | 0.0 | 39.2 | 145.9 | 50.5 | 0.0 | 110.4 | 0.0 | 60.8 | 115.3 | 0.0 | 52.7 | 71.8 | 0.0 | 0.0 |
| Jun-18 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 36.0 | 0.0 | 37.6 | 140.1 | 48.4 | 0.0 | 106.4 | 0.0 | 58.1 | 111.0 | 0.0 | 50.5 | 68.8 | 0.0 | 0.0 |
| Jul-18 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 36.8 | 0.0 | 38.4 | 143.8 | 49.6 | 0.0 | 109.3 | 0.0 | 59.4 | 114.2 | 0.0 | 51.6 | 70.4 | 0.0 | 0.0 |
| Aug-18 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 36.3 | 0.0 | 38.0 | 142.7 | 49.3 | 0.0 | 108.8 | 0.0 | 58.8 | 113.6 | 0.0 | 51.1 | 69.7 | 0.0 | 0.0 |
| Sep-18 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 34.7 | 0.0 | 36.5 | 137.1 | 47.3 | 0.0 | 104.8 | 0.0 | 56.4 | 109.4 | 0.0 | 48.9 | 66.8 | 0.0 | 0.0 |
| Oct-18 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 35.5 | 0.0 | 37.3 | 140.6 | 48.4 | 0.0 | 107.7 | 0.0 | 57.6 | 112.5 | 0.0 | 50.0 | 68.3 | 0.0 | 0.0 |
| Nov-18 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 33.9 | 0.0 | 35.7 | 135.1 | 46.6 | 0.0 | 103.7 | 0.0 | 55.1 | 108.3 | 0.0 | 47.8 | 65.4 | 0.0 | 0.0 |
| Dec-18 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 34.7 | 0.0 | 36.6 | 138.5 | 47.7 | 0.0 | 106.6 | 0.0 | 56.4 | 111.4 | 0.0 | 48.9 | 67.0 | 0.0 | 0.0 |
| Jan-19 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 34.2 | 0.0 | 36.2 | 137.5 | 47.3 | 0.0 | 106.1 | 0.0 | 55.8 | 110.8 | 0.0 | 48.3 | 66.3 | 0.0 | 0.0 |
| Feb-19 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 30.6 | 0.0 | 32.4 | 123.3 | 42.4 | 0.0 | 95.4 | 0.0 | 49.9 | 99.6 | 0.0 | 43.1 | 59.3 | 0.0 | 0.0 |
| Mar-19 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 33.5 | 0.0 | 35.5 | 135.6 | 46.6 | 0.0 | 105.1 | 0.0 | 54.7 | 109.7 | 0.0 | 47.3 | 65.0 | 0.0 | 0.0 |
| Apr-19 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 32.0 | 0.0 | 34.0 | 130.2 | 44.7 | 0.0 | 101.1 | 0.0 | 52.4 | 105.7 | 0.0 | 45.2 | 62.3 | 0.0 | 0.0 |
| May-19 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 32.7 | 0.0 | 34.8 | 133.6 | 45.8 | 0.0 | 104.0 | 0.0 | 53.5 | 108.7 | 0.0 | 46.2 | 63.7 | 0.0 | 0.0 |
| Jun-19 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 31.3 | 0.0 | 33.4 | 128.3 | 44.0 | 0.0 | 100.2 | 0.0 | 51.3 | 104.6 | 0.0 | 44.2 | 61.1 | 0.0 | 0.0 |
| Jul-19 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 31.9 | 0.0 | 34.1 | 131.6 | 45.1 | 0.0 | 103.0 | 0.0 | 52.4 | 107.6 | 0.0 | 45.2 | 62.5 | 0.0 | 0.0 |
| Aug-19 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 31.5 | 0.0 | 33.8 | 130.6 | 44.7 | 0.0 | 102.5 | 0.0 | 51.8 | 107.0 | 0.0 | 44.8 | 61.9 | 0.0 | 0.0 |
| Sep-19 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 30.2 | 0.0 | 32.4 | 125.5 | 42.9 | 0.0 | 98.7 | 0.0 | 49.6 | 103.1 | 0.0 | 42.8 | 59.3 | 0.0 | 0.0 |
| Oct-19 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 30.8 | 0.0 | 33.2 | 128.7 | 44.0 | 0.0 | 101.4 | 0.0 | 50.7 | 106.0 | 0.0 | 43.8 | 60.6 | 0.0 | 0.0 |
| Nov-19 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 29.5 | 0.0 | 31.8 | 123.7 | 42.3 | 0.0 | 97.7 | 0.0 | 48.6 | 102.1 | 0.0 | 41.9 | 58.1 | 0.0 | 0.0 |
| Dec-19 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 30.1 | 0.0 | 32.5 | 126.8 | 43.3 | 0.0 | 100.4 | 0.0 | 49.7 | 104.9 | 0.0 | 42.8 | 59.4 | 0.0 | 0.0 |
| Jan-20 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 29.7 | 0.0 | 32.2 | 125.9 | 42.9 | 0.0 | 99.9 | 0.0 | 49.2 | 104.4 | 0.0 | 42.4 | 58.9 | 0.0 | 0.0 |
| Feb-20 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 27.5 | 0.0 | 29.8 | 116.9 | 39.8 | 0.0 | 93.0 | 0.0 | 45.6 | 97.2 | 0.0 | 39.2 | 54.5 | 0.0 | 0.0 |
| Mar-20 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 29.0 | 0.0 | 31.6 | 124.1 | 42.3 | 0.0 | 98.9 | 0.0 | 48.2 | 103.4 | 0.0 | 41.5 | 57.7 | 0.0 | 0.0 |
| Apr-20 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 27.8 | 0.0 | 30.2 | 119.2 | 40.5 | 0.0 | 95.3 | 0.0 | 46.1 | 99.5 | 0.0 | 39.7 | 55.3 | 0.0 | 0.0 |
| May-20 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 28.4 | 0.0 | 30.9 | 122.3 | 41.6 | 0.0 | 96.0 | 0.0 | 47.2 | 102.4 | 0.0 | 40.6 | 56.6 | 0.0 | 0.0 |
| Jun-20 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 27.1 | 0.0 | 0.0 | 117.4 | 40.0 | 0.0 | 94.3 | 0.0 | 45.2 | 98.6 | 0.0 | 38.9 | 54.2 | 0.0 | 0.0 |
| Jul-20 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 27.7 | 0.0 | 0.0 | 120.5 | 40.9 | 0.0 | 97.0 | 0.0 | 46.2 | 101.4 | 0.0 | 39.7 | 55.5 | 0.0 | 0.0 |
| Aug-20 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 27.4 | 0.0 | 0.0 | 119.6 | 40.6 | 0.0 | 96.5 | 0.0 | 45.7 | 100.8 | 0.0 | 39.3 | 54.9 | 0.0 | 0.0 |
| Sep- | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | |
|--------|-----|-----|-----|-----|-----|------|-----|-----|-------|------|-----|------|-----|------|------|-----|------|------|-----|-----|
| Mar-21 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 25.2 | 0.0 | 0.0 | 113.6 | 38.3 | 0.0 | 93.2 | 0.0 | 42.5 | 97.4 | 0.0 | 38.4 | 51.2 | 0.0 | 0.0 |
| Apr-21 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 24.1 | 0.0 | 0.0 | 109.1 | 36.8 | 0.0 | 89.7 | 0.0 | 40.7 | 93.8 | 0.0 | 34.9 | 49.1 | 0.0 | 0.0 |
| May-21 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 24.6 | 0.0 | 0.0 | 111.9 | 37.8 | 0.0 | 92.2 | 0.0 | 41.6 | 96.5 | 0.0 | 35.7 | 50.2 | 0.0 | 0.0 |
| Jun-21 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 23.5 | 0.0 | 0.0 | 107.5 | 36.2 | 0.0 | 88.8 | 0.0 | 39.8 | 92.9 | 0.0 | 34.1 | 48.2 | 0.0 | 0.0 |
| Jul-21 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 24.0 | 0.0 | 0.0 | 110.3 | 37.1 | 0.0 | 91.3 | 0.0 | 40.7 | 95.5 | 0.0 | 34.9 | 49.3 | 0.0 | 0.0 |
| Aug-21 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 23.8 | 0.0 | 0.0 | 109.5 | 36.9 | 0.0 | 90.9 | 0.0 | 40.3 | 95.0 | 0.0 | 34.5 | 48.8 | 0.0 | 0.0 |
| Sep-21 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.7 | 0.0 | 0.0 | 105.2 | 35.3 | 0.0 | 87.5 | 0.0 | 38.6 | 91.5 | 0.0 | 33.0 | 46.7 | 0.0 | 0.0 |
| Oct-21 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 23.2 | 0.0 | 0.0 | 107.9 | 36.2 | 0.0 | 89.9 | 0.0 | 39.5 | 94.1 | 0.0 | 33.7 | 47.8 | 0.0 | 0.0 |
| Nov-21 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.2 | 0.0 | 0.0 | 103.6 | 34.8 | 0.0 | 86.6 | 0.0 | 37.8 | 90.6 | 0.0 | 32.3 | 45.8 | 0.0 | 0.0 |
| Dec-21 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.7 | 0.0 | 0.0 | 106.3 | 35.7 | 0.0 | 89.0 | 0.0 | 38.6 | 93.2 | 0.0 | 33.0 | 46.9 | 0.0 | 0.0 |
| Jan-22 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.4 | 0.0 | 0.0 | 105.5 | 35.3 | 0.0 | 88.6 | 0.0 | 38.2 | 92.7 | 0.0 | 32.6 | 46.4 | 0.0 | 0.0 |
| Feb-22 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20.0 | 0.0 | 0.0 | 94.6 | 31.7 | 0.0 | 79.6 | 0.0 | 34.2 | 83.3 | 0.0 | 29.2 | 41.5 | 0.0 | 0.0 |
| Mar-22 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 21.9 | 0.0 | 0.0 | 104.0 | 34.8 | 0.0 | 87.7 | 0.0 | 37.4 | 91.8 | 0.0 | 31.9 | 45.5 | 0.0 | 0.0 |
| Apr-22 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20.9 | 0.0 | 0.0 | 99.9 | 33.5 | 0.0 | 84.5 | 0.0 | 35.9 | 88.4 | 0.0 | 30.6 | 43.6 | 0.0 | 0.0 |
| May-22 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 21.4 | 0.0 | 0.0 | 102.5 | 34.2 | 0.0 | 86.8 | 0.0 | 36.7 | 90.9 | 0.0 | 31.3 | 44.6 | 0.0 | 0.0 |
| Jun-22 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20.4 | 0.0 | 0.0 | 98.4 | 32.9 | 0.0 | 83.6 | 0.0 | 35.1 | 87.5 | 0.0 | 29.9 | 42.8 | 0.0 | 0.0 |
| Jul-22 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20.9 | 0.0 | 0.0 | 101.0 | 33.7 | 0.0 | 86.0 | 0.0 | 35.9 | 90.0 | 0.0 | 0.0 | 43.8 | 0.0 | 0.0 |
| Aug-22 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20.6 | 0.0 | 0.0 | 100.2 | 33.5 | 0.0 | 85.6 | 0.0 | 35.6 | 89.6 | 0.0 | 0.0 | 43.3 | 0.0 | 0.0 |
| Sep-22 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 19.7 | 0.0 | 0.0 | 95.3 | 32.0 | 0.0 | 82.4 | 0.0 | 34.0 | 86.2 | 0.0 | 0.0 | 41.5 | 0.0 | 0.0 |
| Oct-22 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20.1 | 0.0 | 0.0 | 98.8 | 32.9 | 0.0 | 84.7 | 0.0 | 34.8 | 88.7 | 0.0 | 0.0 | 42.5 | 0.0 | 0.0 |
| Nov-22 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 19.3 | 0.0 | 0.0 | 94.9 | 31.6 | 0.0 | 81.6 | 0.0 | 33.4 | 85.4 | 0.0 | 0.0 | 40.7 | 0.0 | 0.0 |
| Dec-22 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 19.7 | 0.0 | 0.0 | 97.3 | 32.4 | 0.0 | 83.9 | 0.0 | 34.1 | 87.8 | 0.0 | 0.0 | 41.6 | 0.0 | 0.0 |

| 123 | 124 | 125 | 126 | 127 | 128 | 129 | 130 | 131 | 133 | 134 | 135 | 136 | 137 | 138 | 143 | 170 | 171 | 190 | 191 | 192 |
|-------|-------|-------|-------|--------|-------|-------|-------|-------|------|-------|-------|-------|-------|-------|-------|------|-------|--------|-------|------|
| 200.9 | 146.4 | 423.0 | 680.1 | 1039.1 | 330.6 | 371.0 | 985.6 | 259.6 | 35.2 | 201.8 | 199.9 | 339.6 | 438.3 | 119.7 | 253.7 | 75.3 | 170.0 | 1213.2 | 480.1 | 93.7 |
| 192.7 | 140.7 | 405.4 | 655.5 | 999.3 | 318.1 | 357.2 | 949.3 | 249.8 | 33.5 | 192.9 | 190.4 | 324.3 | 422.5 | 115.0 | 243.0 | 71.8 | 161.3 | 1165.7 | 459.8 | 89.2 |
| 197.2 | 144.4 | 414.8 | 674.6 | 1026.2 | 326.8 | 357.1 | 976.3 | 255.5 | 33.9 | 196.9 | 193.6 | 330.6 | 434.8 | 118.0 | 248.6 | 72.6 | 163.5 | 1195.9 | 470.2 | 90.6 |
| 189.1 | 138.8 | 397.5 | 650.2 | 986.9 | 314.4 | 353.4 | 940.4 | 246.8 | 32.2 | 188.2 | 184.5 | 315.7 | 419.0 | 113.4 | 238.2 | 69.0 | 155.1 | 1149.0 | 450.3 | 86.2 |
| 193.6 | 142.4 | 406.7 | 669.1 | 1013.5 | 323.0 | 363.3 | 967.1 | 253.5 | 32.6 | 192.1 | 187.6 | 321.8 | 431.3 | 116.3 | 243.7 | 70.1 | 157.2 | 1178.8 | 460.5 | 87.5 |
| 191.8 | 141.4 | 402.7 | 666.3 | 1007.1 | 321.1 | 361.4 | 962.5 | 252.0 | 32.0 | 189.7 | 184.6 | 317.5 | 429.5 | 115.4 | 241.2 | 68.8 | 154.1 | 1170.2 | 455.6 | 86.0 |
| 171.7 | 126.9 | 360.2 | 599.5 | 904.2 | 288.4 | 324.8 | 865.4 | 226.3 | 28.4 | 169.4 | 164.3 | 283.1 | 386.4 | 103.5 | 215.7 | 61.1 | 136.6 | 1049.7 | 407.4 | 76.4 |
| 188.4 | 139.5 | 395.1 | 681.1 | 995.0 | 317.5 | 357.7 | 953.7 | 249.1 | 30.8 | 185.3 | 179.1 | 309.3 | 426.1 | 113.8 | 236.6 | 66.5 | 148.4 | 1154.1 | 446.5 | 83.2 |
| 180.6 | 134.1 | 378.6 | 637.2 | 956.9 | 305.4 | 344.4 | 918.6 | 239.6 | 0.0 | 177.1 | 170.6 | 295.4 | 410.7 | 109.3 | 226.6 | 63.2 | 140.8 | 1108.8 | 427.6 | 79.2 |
| 184.9 | 137.6 | 387.4 | 655.7 | 982.7 | 313.8 | 354.0 | 944.7 | 246.1 | 0.0 | 180.8 | 173.5 | 301.1 | 422.6 | 112.2 | 231.8 | 64.1 | 142.7 | 1137.8 | 437.2 | 80.4 |
| 177.3 | 132.3 | 371.2 | 632.0 | 945.1 | 301.9 | 340.8 | 909.9 | 236.7 | 0.0 | 172.8 | 165.3 | 287.5 | 407.3 | 107.8 | 222.1 | 60.9 | 135.4 | 1093.0 | 418.7 | 76.5 |
| 181.5 | 135.7 | 379.8 | 650.4 | 970.5 | 310.2 | 350.3 | 935.8 | 243.2 | 0.0 | 176.4 | 168.1 | 293.1 | 419.2 | 110.5 | 227.2 | 61.9 | 137.2 | 1121.4 | 428.2 | 77.7 |
| 179.8 | 134.8 | 376.1 | 647.7 | 964.4 | 308.3 | 348.5 | 931.3 | 241.7 | 0.0 | 174.2 | 166.4 | 289.2 | 417.5 | 109.7 | 224.9 | 60.7 | 134.5 | 1113.2 | 423.6 | 76.4 |
| 172.4 | 129.5 | 360.4 | 624.3 | 927.5 | 296.7 | 335.5 | 897.0 | 232.5 | 0.0 | 166.5 | 157.5 | 276.1 | 402.4 | 105.4 | 215.5 | 57.7 | 127.6 | 1059.6 | 405.7 | 72.6 |
| 176.5 | 132.9 | 368.7 | 642.4 | 952.4 | 304.8 | 344.6 | 922.5 | 238.8 | 0.0 | 170.0 | 160.2 | 281.5 | 414.1 | 108.1 | 220.5 | 58.6 | 129.3 | 1097.3 | 414.9 | 73.8 |
| 169.2 | 127.8 | 353.4 | 619.2 | 916.0 | 293.2 | 332.0 | 888.6 | 229.7 | 0.0 | 162.5 | 152.7 | 268.8 | 398.1 | 103.9 | 211.2 | 55.7 | 122.7 | 1054.3 | 397.3 | 70.2 |
| 173.2 | 131.1 | 361.6 | 637.2 | 940.6 | 301.3 | 341.2 | 913.8 | 236.0 | 0.0 | 165.8 | 155.3 | 274.0 | 410.7 | 106.9 | 216.1 | 56.5 | 124.4 | 1081.6 | 406.3 | 71.3 |
| 171.6 | 130.2 | 358.0 | 634.6 | 934.7 | 299.5 | 339.4 | 909.5 | 234.5 | 0.0 | 163.8 | 152.8 | 270.3 | 409.0 | 105.8 | 213.9 | 55.5 | 121.9 | 1073.7 | 402.0 | 70.1 |
| 169.0 | 121.0 | 331.7 | 591.3 | 869.0 | 278.6 | 315.9 | 846.8 | 218.1 | 0.0 | 151.4 | 140.8 | 249.6 | 381.1 | 98.3 | 198.1 | 51.0 | 111.9 | 997.4 | 372.2 | 64.4 |
| 168.5 | 128.4 | 351.1 | 629.5 | 923.3 | 296.1 | 335.9 | 901.0 | 231.8 | 0.0 | 159.9 | 148.1 | 263.3 | 405.7 | 104.3 | 209.7 | 53.6 | 117.3 | 1058.7 | 383.8 | 67.7 |
| 161.5 | 123.4 | 336.5 | 606.7 | 868.0 | 284.9 | 323.4 | 867.9 | 223.0 | 0.0 | 152.8 | 141.1 | 251.4 | 391.1 | 100.2 | 200.9 | 50.9 | 111.3 | 1017.2 | 377.1 | 64.4 |
| 165.4 | 126.7 | 344.3 | 624.4 | 911.9 | 292.6 | 332.4 | 892.5 | 229.0 | 0.0 | 155.0 | 143.5 | 256.3 | 402.4 | 102.8 | 205.5 | 51.7 | 112.8 | 1043.5 | 385.7 | 65.5 |
| 158.5 | 121.7 | 329.9 | 601.8 | 877.0 | 281.6 | 320.0 | 859.7 | 220.3 | 0.0 | 149.1 | 136.7 | 244.7 | 387.9 | 98.7 | 195.9 | 49.2 | 107.1 | 1002.6 | 369.3 | 62.3 |
| 162.3 | 124.9 | 337.6 | 619.3 | 900.6 | 289.2 | 329.0 | 884.1 | 226.3 | 0.0 | 152.2 | 139.1 | 249.5 | 399.2 | 101.3 | 201.4 | 49.9 | 108.5 | 1028.6 | 377.7 | 63.2 |
| 160.8 | 124.0 | 334.2 | 616.8 | 894.9 | 287.5 | 327.2 | 879.9 | 225.0 | 0.0 | 150.3 | 136.8 | 246.1 | 397.5 | 100.5 | 199.4 | 49.0 | 106.3 | 1021.1 | 373.7 | 62.2 |
| 154.2 | 119.2 | 320.3 | 594.4 | 860.6 | 276.7 | 315.0 | 847.5 | 216.4 | 0.0 | 143.7 | 130.3 | 235.0 | 383.1 | 96.6 | 191.0 | 46.6 | 100.9 | 981.1 | 357.9 | 59.1 |
| 157.8 | 122.3 | 327.7 | 611.8 | 883.8 | 284.2 | 323.8 | 871.6 | 222.3 | 0.0 | 146.6 | 132.6 | 239.6 | 394.3 | 99.1 | 195.4 | 47.3 | 102.3 | 1008.6 | 366.0 | 60.1 |
| 151.3 | 117.6 | 314.0 | 599.6 | 850.0 | 273.4 | 311.7 | 839.5 | 213.8 | 0.0 | 140.2 | 126.3 | 228.8 | 380.0 | 95.2 | 187.2 | 44.9 | 97.0 | 967.1 | 350.5 | 57.1 |
| 154.9 | 120.6 | 321.3 | 606.8 | 872.8 | 280.9 | 320.4 | 863.4 | 219.6 | 0.0 | 143.1 | 128.4 | 233.2 | 391.1 | 97.7 | 191.5 | 45.6 | 98.3 | 992.2 | 358.4 | 58.0 |
| 153.5 | 119.8 | 318.1 | 604.3 | 867.3 | 279.3 | 318.7 | 859.2 | 218.3 | 0.0 | 141.3 | 126.4 | 230.1 | 389.5 | 96.9 | 189.6 | 44.8 | 96.4 | 985.0 | 354.6 | 57.0 |
| 137.4 | 107.5 | 284.6 | 543.6 | 778.7 | 250.8 | 286.4 | 772.5 | 196.1 | 0.0 | 126.1 | 112.4 | 205.1 | 350.4 | 86.9 | 169.6 | 39.7 | 85.4 | 883.5 | 317.1 | 50.7 |
| 150.7 | 118.2 | 312.1 | 599.5 | 856.9 | 278.1 | 315.5 | 851.4 | 215.8 | 0.0 | 138.0 | 122.6 | 224.2 | 386.4 | 95.6 | 186.0 | 43.2 | 92.8 | 971.4 | 347.5 | 55.2 |
| 144.5 | 113.6 | 299.1 | 577.8 | 824.1 | 265.7 | 303.7 | 820.1 | 207.6 | 0.0 | 131.9 | 116.8 | 214.0 | 372.4 | 91.8 | 178.2 | 41.1 | 88.1 | 933.3 | 332.8 | 52.5 |
| 147.9 | 116.6 | 306.1 | 594.7 | 846.3 | 272.9 | 312.2 | 843.4 | 213.2 | 0.0 | 134.6 | 118.8 | 218.2 | 383.3 | 94.2 | 182.3 | 41.7 | 89.3 | 957.5 | 340.3 | 53.3 |
| 141.8 | 112.0 | 293.3 | 573.1 | 813.9 | 262.6 | 300.6 | 812.3 | 205.1 | 0.0 | 128.7 | 113.1 | 208.4 | 369.4 | 90.5 | 174.6 | 39.7 | 84.7 | 920.0 | 325.9 | 50.7 |
| 145.2 | 115.0 | 300.1 | 599.8 | 835.8 | 269.8 | 309.0 | 835.4 | 210.7 | 0.0 | 131.4 | 115.1 | 212.4 | 380.2 | 92.8 | 178.6 | 40.3 | 85.8 | 943.8 | 333.3 | 51.5 |
| 143.8 | 114.2 | 297.1 | 587.4 | 830.5 | 268.2 | 307.3 | 831.4 | 209.4 | 0.0 | 129.7 | 113.3 | 209.5 | 378.6 | 92.2 | 176.8 | 39.5 | 84.1 | 936.9 | 329.7 | 50.6 |
| 137.9 | 109.7 | 284.7 | 566.1 | 796.7 | 259.0 | 295.9 | 800.8 | 201.5 | 0.0 | 124.0 | 107.9 | 200.1 | 364.9 | 88.5 | 169.4 | 37.6 | 79.8 | 900.2 | 315.8 | 48.2 |
| 141.2 | 112.6 | 291.3 | 582.6 | 820.2 | 265.1 | 304.1 | 823.6 | 208.9 | 0.0 | 126.6 | 109.7 | 204.0 | 375.5 | 90.8 | 173.3 | 38.1 | 80.9 | 923.6 | 322.9 | 48.9 |
| 135.4 | 108.2 | 279.2 | 561.5 | 788.8 | 255.1 | 292.8 | 793.3 | 199.0 | 0.0 | 121.0 | 104.5 | 194.8 | 361.9 | 87.3 | 166.0 | 36.3 | 76.8 | 887.4 | 309.2 | 46.5 |
| 138.6 | 111.0 | 285.7 | 577.9 | 810.1 | 262.0 | 300.9 | 815.8 | 204.5 | 0.0 | 123.5 | 106.3 | 198.6 | 372.5 | 89.5 | 169.9 | 36.8 | 77.8 | 910.4 | 316.2 | 47.3 |
| 137.3 | 110.3 | 282.8 | 575.5 | 805.0 | 260.5 | 299.4 | 811.9 | 203.2 | 0.0 | 121.9 | 104.6 | 195.9 | 370.9 | 88.8 | 168.1 | 36.1 | 76.3 | 903.7 | 312.9 | 46.5 |
| 122.9 | 98.9 | 253.0 | 517.8 | 722.7 | 234.0 | 269.0 | 730.0 | 182.5 | 0.0 | 108.8 | 93.1 | 174.6 | 333.7 | 79.7 | 150.4 | 32.1 | 67.6 | 810.6 | 279.8 | 41.3 |
| 134.8 | 108.8 | 277.5 | 571.0 | 795.3 | 257.6 | 296.3 | 804.5 | 200.9 | 0.0 | 119.1 | 101.4 | 190.9 | 368.0 | 87.6 | 164.9 | 34.9 | 73.4 | 891.3 | 306.6 | 44.9 |
| 129.3 | 104.6 | 265.9 | 550.3 | 764.9 | 247.8 | 285.3 | 774.9 | 193.3 | 0.0 | 113.8 | 96.6 | 182.2 | 354.7 | 84.2 | 156.0 | 33.2 | 69.7 | 856.3 | 293.6 | 42.8 |
| 132.4 | 107.3 | 272.1 | 568.3 | 785.5 | 254.6 | 293.2 | 796.9 | 198.5 | 0.0 | 116.2 | 98.3 | 185.8 | 365.0 | 86.3 | 161.6 | 33.7 | 70.6 | 878.5 | 300.3 | 43.4 |
| 126.9 | 103.1 | 260.8 | 545.8 | 755.4 | 244.9 | 282.3 | 767.6 | 190.9 | 0.0 | 111.1 | 93.6 | 177.4 | 351.8 | 82.9 | 154.8 | 32.0 | 67.0 | 844.1 | 287.6 | 41.3 |
| 129.9 | 105.8 | 266.8 | 561.8 | 775.7 | 251.6 | 290.2 | 789.4 | 196.1 | 0.0 | 113.4 | 95.2 | 180.9 | 362.0 | 85.1 | 158.4 | 32.5 | 67.9 | 866.0 | 294.1 | 42.0 |
| 128.7 | 105.1 | 264.2 | 559.4 | 770.8 | 250.1 | 288.6 | 785.6 | 195.0 | 0.0 | 112.0 | 93.7 | 178.4 | 360.6 | 84.5 | 156.8 | 31.9 | 66.6 | 859.7 | 290.9 | 41.2 |
| 123.4 | 101.0 | 253.1 | 539.2 | 741.3 | 240.7 | 277.9 | 756.7 | 187.5 | 0.0 | 107.0 | 89.3 | 170.4 | 347.5 | 81.1 | 150.2 | 30.3 | 63.2 | 826.0 | 278.6 | 39.2 |
| 126.3 | 103.6 | 259.0 | 554.9 | 761.3 | 247.3 | 285.6 | 778.2 | 192.7 | 0.0 | 109.2 | 90.8 | 173.7 | 357.6 | 83.2 | 153.7 | 30.8 | 64.0 | 847.4 | 284.9 | 39.8 |
| 121.1 | 99.6 | 248.2 | 534.8 | 732.1 | 237.9 | 275.0 | 749.6 | 185.3 | 0.0 | 104.4 | 86.5 | 165.9 | 344.7 | 80.0 | 147.2 | 0.0 | 60.7 | 814.2 | 272.9 | 37.9 |
| 124.0 | 102.2 | 254.0 | 560.4 | 751.8 | 244.4 | 282.7 | 770.9 | 190.3 | 0.0 | 106.6 | 87.9 | 169.1 | 354.7 | 82.0 | 150.6 | 0.0 | 61.6 | 835.3 | 279.0 | 38.5 |
| 122.8 | 101.5 | 251.5 | 548.1 | 747.1 | 243.0 | 281.2 | 767.2 | 189.2 | 0.0 | 105.2 | 86.6 | 166.8 | 353.3 | 81.4 | 149.1 | 0.0 | 60.3 | 829.2 | 276.1 | 37.8 |
| 110.0 | 91.0 | 225.0 | 493.1 | 670.7 | 218.2 | 252.7 | 699.8 | 169.9 | 0.0 | 93.9 | 77.0 | 148.7 | 317.8 | 73.0 | 133.4 | 0.0 | 53.5 | 743.8 | 246.9 | 33.6 |
| 120.6 | 100.1 | 246.7 | 543.8 | 738.1 | 240.2 | 278.3 | 760.2 | 187.0 | 0.0 | 102.8 | 83.9 | 162.5 | 350.5 | 80.3 | 146.2 | 0.0 | 58.1 | 817.8 | 270.6 | 36.6 |
| 115.7 | 96.2 | 236.4 | 524.1 | 709.9 | 231.1 | 267.9 | 732.2 | 179.9 | 0.0 | 98.3 | 80.0 | 155.2 | 337.8 | 77.1 | 140.1 | 0.0 | 55.1 | 785.7 | 259.1 | 34.8 |
| 118.4 | 98.8 | 241.9 | 539.4 | 729.0 | 237.4 | 275.4 | 753.0 | 184.8 | 0.0 | 100.3 | 81.3 | 158.2 | 347.6 | 79.1 | 143.3 | 0.0 | 55.9 | 806.1 | 26 | |

| | | | | | | | | | | | | | | | | | | | | |
|------|------|-------|-------|-------|-------|-------|-------|-------|-----|------|------|-------|-------|------|-------|-----|------|-------|-------|-----|
| 96.9 | 84.4 | 196.1 | 485.0 | 630.5 | 206.9 | 242.5 | 688.2 | 160.6 | 0.0 | 77.8 | 59.2 | 120.2 | 312.6 | 67.2 | 115.7 | 0.0 | 38.0 | 686.3 | 212.4 | 0.0 |
| 99.2 | 86.6 | 200.7 | 499.1 | 647.5 | 212.6 | 249.3 | 688.2 | 164.9 | 0.0 | 79.4 | 60.2 | 122.5 | 321.7 | 68.9 | 118.4 | 0.0 | 38.5 | 703.0 | 217.2 | 0.0 |
| 98.3 | 86.0 | 196.7 | 497.1 | 643.4 | 211.3 | 248.0 | 684.9 | 163.9 | 0.0 | 78.4 | 59.3 | 120.9 | 320.4 | 68.4 | 117.2 | 0.0 | 37.7 | 697.9 | 214.9 | 0.0 |
| 88.0 | 77.1 | 177.7 | 447.2 | 577.6 | 189.8 | 222.8 | 615.8 | 147.2 | 0.0 | 69.9 | 52.7 | 107.8 | 288.2 | 61.3 | 104.8 | 0.0 | 33.5 | 626.0 | 192.1 | 0.0 |
| 96.5 | 84.8 | 194.9 | 493.2 | 636.7 | 209.0 | 245.5 | 678.7 | 162.0 | 0.0 | 76.5 | 57.5 | 117.8 | 317.8 | 67.4 | 115.0 | 0.0 | 36.3 | 688.3 | 210.6 | 0.0 |
| 92.6 | 81.5 | 186.8 | 475.3 | 611.4 | 201.0 | 236.3 | 653.7 | 155.8 | 0.0 | 73.2 | 54.8 | 112.5 | 306.3 | 64.8 | 110.1 | 0.0 | 34.5 | 661.3 | 201.7 | 0.0 |
| 94.8 | 83.6 | 191.1 | 489.1 | 627.8 | 206.5 | 242.9 | 672.3 | 160.1 | 0.0 | 74.7 | 55.7 | 114.7 | 315.3 | 66.5 | 112.7 | 0.0 | 34.9 | 678.5 | 206.2 | 0.0 |
| 90.9 | 80.4 | 183.2 | 471.5 | 603.8 | 198.7 | 233.8 | 647.5 | 154.0 | 0.0 | 71.4 | 53.1 | 109.5 | 303.9 | 63.8 | 107.9 | 0.0 | 33.2 | 651.9 | 197.5 | 0.0 |
| 93.0 | 82.5 | 187.4 | 485.2 | 620.0 | 204.1 | 240.4 | 665.9 | 158.2 | 0.0 | 72.9 | 53.9 | 111.6 | 312.7 | 65.5 | 110.4 | 0.0 | 33.6 | 668.8 | 202.0 | 0.0 |
| 92.1 | 81.9 | 185.6 | 483.2 | 616.1 | 202.9 | 239.1 | 662.7 | 157.2 | 0.0 | 72.0 | 53.1 | 110.1 | 311.4 | 65.0 | 109.3 | 0.0 | 32.9 | 663.9 | 199.8 | 0.0 |
| 88.3 | 78.7 | 177.8 | 465.7 | 592.5 | 195.3 | 230.2 | 638.3 | 151.3 | 0.0 | 68.8 | 50.6 | 105.1 | 300.1 | 62.5 | 104.7 | 0.0 | 31.3 | 637.9 | 191.4 | 0.0 |
| 90.4 | 80.8 | 182.0 | 479.2 | 608.5 | 200.6 | 236.6 | 656.5 | 155.3 | 0.0 | 70.2 | 51.4 | 107.2 | 308.9 | 64.1 | 107.1 | 0.0 | 31.7 | 654.4 | 195.7 | 0.0 |
| 88.7 | 77.6 | 174.4 | 461.9 | 585.2 | 193.0 | 227.8 | 632.3 | 149.5 | 0.0 | 67.1 | 49.0 | 102.3 | 297.7 | 61.6 | 102.6 | 0.0 | 30.1 | 628.8 | 187.4 | 0.0 |
| 88.8 | 79.7 | 178.4 | 475.4 | 600.9 | 198.3 | 234.1 | 650.3 | 153.5 | 0.0 | 68.5 | 49.8 | 104.3 | 306.4 | 63.1 | 105.0 | 0.0 | 0.0 | 645.1 | 191.6 | 0.0 |
| 87.9 | 79.1 | 176.6 | 473.4 | 597.1 | 197.1 | 232.9 | 647.2 | 152.6 | 0.0 | 67.6 | 49.0 | 102.9 | 305.1 | 62.7 | 103.9 | 0.0 | 0.0 | 640.4 | 189.6 | 0.0 |
| 78.7 | 71.0 | 158.0 | 425.9 | 536.1 | 177.0 | 209.3 | 561.9 | 137.0 | 0.0 | 60.4 | 43.6 | 91.8 | 274.5 | 56.2 | 93.0 | 0.0 | 0.0 | 574.4 | 169.5 | 0.0 |
| 86.4 | 78.1 | 173.3 | 469.7 | 590.0 | 194.9 | 230.5 | 641.3 | 150.8 | 0.0 | 66.1 | 47.5 | 100.3 | 302.7 | 61.8 | 101.9 | 0.0 | 0.0 | 631.5 | 185.8 | 0.0 |
| 82.8 | 75.0 | 166.1 | 452.7 | 567.4 | 187.5 | 221.9 | 617.7 | 145.1 | 0.0 | 63.1 | 45.3 | 95.8 | 291.7 | 59.4 | 97.7 | 0.0 | 0.0 | 606.8 | 177.9 | 0.0 |
| 84.8 | 77.0 | 169.9 | 465.8 | 582.7 | 192.6 | 228.1 | 636.3 | 149.0 | 0.0 | 64.4 | 46.1 | 97.6 | 300.2 | 60.9 | 99.9 | 0.0 | 0.0 | 622.5 | 182.0 | 0.0 |
| 81.3 | 74.0 | 162.8 | 449.0 | 560.4 | 185.4 | 219.6 | 611.9 | 143.4 | 0.0 | 61.6 | 43.9 | 93.2 | 289.4 | 58.5 | 95.7 | 0.0 | 0.0 | 598.1 | 174.3 | 0.0 |
| 83.2 | 75.9 | 166.6 | 462.1 | 575.4 | 190.4 | 225.8 | 629.3 | 147.3 | 0.0 | 62.9 | 44.6 | 95.0 | 297.8 | 60.0 | 97.9 | 0.0 | 0.0 | 613.6 | 178.2 | 0.0 |
| 82.4 | 75.4 | 165.0 | 460.1 | 571.8 | 189.3 | 224.6 | 628.3 | 146.4 | 0.0 | 62.1 | 43.9 | 93.7 | 296.6 | 59.6 | 96.9 | 0.0 | 0.0 | 609.2 | 176.3 | 0.0 |
| 79.0 | 72.5 | 158.1 | 443.5 | 549.9 | 182.1 | 216.2 | 603.2 | 140.8 | 0.0 | 59.4 | 41.8 | 89.5 | 285.8 | 57.2 | 92.9 | 0.0 | 0.0 | 585.3 | 168.8 | 0.0 |
| 80.9 | 74.4 | 161.8 | 455.4 | 564.7 | 187.1 | 222.2 | 620.3 | 144.6 | 0.0 | 60.6 | 42.5 | 91.3 | 294.2 | 58.7 | 95.0 | 0.0 | 0.0 | 600.5 | 172.7 | 0.0 |
| 77.6 | 71.5 | 155.0 | 439.9 | 543.1 | 180.0 | 213.9 | 597.5 | 139.1 | 0.0 | 57.9 | 40.6 | 87.1 | 283.5 | 56.4 | 91.0 | 0.0 | 0.0 | 576.9 | 165.4 | 0.0 |
| 79.4 | 73.4 | 158.6 | 452.7 | 557.7 | 184.9 | 219.9 | 614.5 | 142.9 | 0.0 | 59.1 | 41.2 | 88.8 | 291.8 | 57.9 | 93.1 | 0.0 | 0.0 | 591.9 | 169.1 | 0.0 |
| 78.7 | 72.8 | 157.0 | 450.8 | 554.2 | 183.8 | 218.7 | 611.6 | 142.0 | 0.0 | 58.4 | 40.6 | 87.6 | 290.6 | 57.5 | 92.2 | 0.0 | 0.0 | 587.6 | 167.3 | 0.0 |
| 70.4 | 65.3 | 140.5 | 405.6 | 497.6 | 165.1 | 196.6 | 549.9 | 127.6 | 0.0 | 52.1 | 36.1 | 78.1 | 251.4 | 51.5 | 82.4 | 0.0 | 0.0 | 527.0 | 149.6 | 0.0 |
| 77.3 | 71.9 | 154.1 | 447.3 | 547.6 | 181.8 | 216.5 | 605.0 | 140.4 | 0.0 | 57.0 | 39.3 | 85.4 | 288.3 | 56.6 | 90.4 | 0.0 | 0.0 | 579.5 | 164.0 | 0.0 |
| 74.1 | 69.1 | 147.6 | 431.1 | 526.6 | 174.9 | 208.4 | 583.7 | 135.1 | 0.0 | 54.5 | 37.5 | 81.5 | 277.9 | 54.4 | 86.6 | 0.0 | 0.0 | 558.7 | 157.0 | 0.0 |
| 75.8 | 70.9 | 151.1 | 443.7 | 540.8 | 179.7 | 214.3 | 600.3 | 138.7 | 0.0 | 55.6 | 38.1 | 83.1 | 285.9 | 55.8 | 88.6 | 0.0 | 0.0 | 571.2 | 160.6 | 0.0 |
| 72.7 | 68.1 | 144.8 | 427.6 | 520.1 | 172.9 | 206.3 | 578.2 | 133.4 | 0.0 | 53.2 | 36.3 | 79.4 | 275.6 | 53.6 | 84.9 | 0.0 | 0.0 | 548.8 | 153.8 | 0.0 |
| 74.5 | 69.9 | 148.1 | 440.1 | 534.1 | 177.6 | 212.0 | 594.6 | 137.1 | 0.0 | 54.3 | 36.9 | 80.9 | 283.6 | 55.0 | 86.8 | 0.0 | 0.0 | 563.0 | 157.2 | 0.0 |
| 73.7 | 69.4 | 146.7 | 438.2 | 530.7 | 176.6 | 210.9 | 591.8 | 136.3 | 0.0 | 53.6 | 36.3 | 79.8 | 282.4 | 54.6 | 86.0 | 0.0 | 0.0 | 558.9 | 155.6 | 0.0 |
| 70.7 | 66.7 | 140.5 | 422.4 | 510.4 | 169.9 | 203.0 | 570.0 | 131.1 | 0.0 | 51.2 | 34.6 | 76.2 | 272.2 | 52.5 | 82.4 | 0.0 | 0.0 | 537.0 | 149.0 | 0.0 |
| 72.4 | 68.5 | 143.8 | 434.7 | 524.1 | 174.5 | 208.7 | 586.2 | 134.7 | 0.0 | 52.3 | 35.2 | 77.7 | 280.1 | 53.8 | 84.2 | 0.0 | 0.0 | 550.9 | 152.4 | 0.0 |
| 69.4 | 65.8 | 137.8 | 419.0 | 504.1 | 167.9 | 200.9 | 564.6 | 129.5 | 0.0 | 50.0 | 33.6 | 74.2 | 270.0 | 51.7 | 80.7 | 0.0 | 0.0 | 529.3 | 145.9 | 0.0 |
| 71.1 | 67.5 | 141.0 | 431.1 | 517.8 | 172.5 | 206.5 | 580.7 | 133.1 | 0.0 | 51.0 | 34.1 | 75.6 | 277.9 | 53.0 | 82.6 | 0.0 | 0.0 | 543.1 | 149.2 | 0.0 |
| 70.4 | 67.0 | 139.6 | 429.4 | 514.4 | 171.5 | 205.4 | 577.9 | 132.2 | 0.0 | 50.4 | 33.6 | 74.6 | 276.7 | 52.7 | 81.7 | 0.0 | 0.0 | 539.1 | 147.6 | 0.0 |
| 66.2 | 62.3 | 129.3 | 400.1 | 478.2 | 159.5 | 191.2 | 538.1 | 123.0 | 0.0 | 46.6 | 30.9 | 68.9 | 257.8 | 48.9 | 75.7 | 0.0 | 0.0 | 500.8 | 136.7 | 0.0 |
| 69.1 | 66.1 | 136.9 | 425.9 | 508.1 | 169.5 | 203.3 | 572.5 | 130.7 | 0.0 | 49.2 | 32.5 | 72.7 | 274.5 | 51.9 | 80.1 | 0.0 | 0.0 | 531.5 | 144.6 | 0.0 |
| 66.3 | 63.6 | 131.2 | 410.5 | 488.6 | 163.1 | 195.7 | 561.4 | 125.7 | 0.0 | 47.0 | 31.0 | 69.4 | 264.6 | 49.9 | 76.8 | 0.0 | 0.0 | 510.7 | 138.5 | 0.0 |
| 67.8 | 65.2 | 134.3 | 422.5 | 501.8 | 167.6 | 201.2 | 567.1 | 128.2 | 0.0 | 48.0 | 31.5 | 70.7 | 272.3 | 51.2 | 78.5 | 0.0 | 0.0 | 523.9 | 141.6 | 0.0 |
| 65.0 | 62.7 | 128.7 | 407.2 | 482.6 | 161.2 | 193.7 | 548.2 | 124.2 | 0.0 | 45.9 | 30.0 | 67.6 | 262.4 | 49.1 | 75.3 | 0.0 | 0.0 | 503.4 | 135.6 | 0.0 |
| 66.6 | 64.3 | 131.7 | 419.0 | 495.6 | 165.6 | 199.1 | 561.8 | 127.6 | 0.0 | 46.8 | 0.0 | 68.9 | 270.1 | 50.4 | 77.0 | 0.0 | 0.0 | 516.5 | 138.7 | 0.0 |
| 66.0 | 63.9 | 130.3 | 417.3 | 492.4 | 164.6 | 198.0 | 569.1 | 126.8 | 0.0 | 46.3 | 0.0 | 67.9 | 269.0 | 50.0 | 76.2 | 0.0 | 0.0 | 512.7 | 137.2 | 0.0 |
| 63.2 | 61.4 | 124.9 | 402.2 | 473.6 | 158.4 | 190.7 | 538.5 | 122.0 | 0.0 | 44.2 | 0.0 | 64.9 | 259.2 | 48.1 | 73.0 | 0.0 | 0.0 | 492.6 | 131.4 | 0.0 |
| 64.7 | 63.0 | 127.8 | 413.9 | 486.3 | 162.7 | 196.0 | 553.8 | 125.3 | 0.0 | 45.1 | 0.0 | 66.1 | 266.8 | 49.3 | 74.7 | 0.0 | 0.0 | 505.4 | 134.4 | 0.0 |
| 62.1 | 60.5 | 122.5 | 398.9 | 467.7 | 156.6 | 188.7 | 533.4 | 120.6 | 0.0 | 43.1 | 0.0 | 63.1 | 257.1 | 47.4 | 71.6 | 0.0 | 0.0 | 485.6 | 128.7 | 0.0 |
| 63.6 | 62.1 | 125.3 | 410.6 | 480.3 | 160.8 | 193.9 | 548.6 | 123.8 | 0.0 | 44.0 | 0.0 | 64.4 | 264.6 | 48.6 | 73.2 | 0.0 | 0.0 | 498.2 | 131.6 | 0.0 |
| 63.0 | 61.7 | 124.1 | 408.9 | 477.3 | 159.9 | 192.9 | 546.0 | 123.1 | 0.0 | 43.5 | 0.0 | 63.5 | 263.5 | 48.3 | 72.5 | 0.0 | 0.0 | 494.5 | 130.2 | 0.0 |
| 56.4 | 55.3 | 111.0 | 367.8 | 428.5 | 143.6 | 173.4 | 490.9 | 110.5 | 0.0 | 38.8 | 0.0 | 56.6 | 237.1 | 43.3 | 64.8 | 0.0 | 0.0 | 443.6 | 116.4 | 0.0 |
| 61.8 | 60.9 | 121.7 | 405.6 | 471.5 | 158.1 | 191.0 | 541.0 | 121.7 | 0.0 | 42.5 | 0.0 | 61.9 | 261.4 | 47.6 | 71.1 | 0.0 | 0.0 | 487.7 | 127.6 | 0.0 |
| 59.3 | 58.5 | 116.7 | 391.0 | 453.5 | 152.1 | 183.8 | 521.1 | 117.0 | 0.0 | 40.6 | 0.0 | 59.1 | 252.0 | 45.7 | 68.1 | 0.0 | 0.0 | 468.6 | 122.2 | 0.0 |
| 60.7 | 60.0 | 119.4 | 402.4 | 465.7 | 156.3 | 189.0 | 535.9 | 120.2 | 0.0 | 41.4 | 0.0 | 60.2 | 259.3 | 46.9 | 69.6 | 0.0 | 0.0 | 480.7 | 125.0 | 0.0 |
| 58.2 | 57.7 | 114.4 | 387.8 | 447.9 | 150.4 | 181.9 | 516.2 | 115.6 | 0.0 | 39.6 | 0.0 | 57.5 | 249.9 | 45.0 | 66.7 | 0.0 | 0.0 | 461.9 | 119.7 | 0.0 |
| 59.6 | 59.2 | 117.0 | 399.1 | 459.9 | 154.5 | 187.0 | 530.8 | 118.8 | 0.0 | 40.4 | 0.0 | 58.6 | 257.2 | 46.2 | 68.3 | 0.0 | 0.0 | 473.9 | 122.4 | 0.0 |
| 59.0 | 58.8 | 115.9 | 397.4 | 457.0 | 153.6 | 186.0 | 526.3 | 118.0 | 0.0 | 39.9 | 0.0 | 57.9 | 256.1 | 45.9 | 67.6 | 0.0 | 0.0 | 470.4 | 121.1 | 0.0 |
| 56.6 | 55.5 | 111.1 | 383.1 | 439.6 | 147.8 | 179.1 | 508.8 | 113.6 | 0.0 | 38.2 | 0.0 | 55.2 | 246.9 | 44.1 | 64.7 | 0.0 | 0.0 | 452.0 | 116.0 | 0.0 |
| 57.9 | 58.0 | 113.6 | 394.2 | 451.4 | 151.8 | 184.1 | 523.3 | 116.7 | 0.0 | 38.9 | 0.0 | 56.3 | 254.1 | 45.2 | 66.2 | 0.0 | 0.0 | 463.7 | 118.6 | 0.0 |
| 55.5 | 55.7 | 108.9 | 379.9 | 434.1 | 146.0 | 177.2 | 504.0 | 112.2 | 0.0 | 37.2 | 0.0 | 53.8 | 244.9 | 43.4 | 63.5 | 0.0 | 0.0 | 445.5 | 113.6 | 0.0 |
| 56.9 | 57.2 | 111.4 | 391.0 | 445.8 | 150.0 | 182.1 | 518.4 | 115.3 | 0.0 | 38.0 | 0.0 | 5 | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | |
|------|------|------|-------|-------|-------|-------|-------|-------|-----|------|-----|------|-------|------|------|-----|-----|---------|------|-----|--|
| 48.6 | 50.9 | 94.3 | 364.9 | 401.2 | 136.0 | 166.7 | 478.5 | 104.2 | 0.0 | 30.8 | 0.0 | 43.7 | 235.2 | 39.4 | 54.8 | 0.0 | 0.0 | 404.7 | 97.3 | 0.0 | |
| 46.6 | 48.9 | 90.4 | 351.7 | 385.8 | 130.8 | 160.5 | 460.9 | 100.2 | 0.0 | 0.0 | 0.0 | 41.7 | 226.7 | 37.8 | 52.5 | 0.0 | 0.0 | 388.9 | 93.2 | 0.0 | |
| 47.7 | 50.2 | 92.5 | 362.0 | 396.2 | 134.4 | 164.9 | 474.0 | 103.0 | 0.0 | 0.0 | 0.0 | 42.5 | 233.3 | 38.8 | 53.7 | 0.0 | 0.0 | 398.9 | 95.3 | 0.0 | |
| 47.2 | 49.8 | 91.6 | 360.5 | 393.7 | 133.6 | 164.1 | 471.7 | 102.3 | 0.0 | 0.0 | 0.0 | 41.9 | 232.3 | 38.5 | 53.1 | 0.0 | 0.0 | 395.0 | 94.3 | 0.0 | |
| 45.3 | 47.9 | 87.8 | 347.4 | 378.6 | 128.5 | 157.9 | 454.3 | 98.4 | 0.0 | 0.0 | 0.0 | 40.1 | 223.9 | 37.0 | 50.9 | 0.0 | 0.0 | 380.5 | 90.3 | 0.0 | |
| 46.4 | 49.1 | 89.8 | 357.5 | 388.8 | 132.1 | 162.4 | 467.3 | 101.1 | 0.0 | 0.0 | 0.0 | 40.8 | 230.4 | 38.0 | 52.1 | 0.0 | 0.0 | 390.4 | 92.3 | 0.0 | |
| 44.5 | 47.2 | 86.1 | 344.6 | 373.9 | 127.0 | 156.3 | 450.1 | 97.2 | 0.0 | 0.0 | 0.0 | 39.0 | 222.1 | 36.5 | 49.9 | 0.0 | 0.0 | 375.1 | 88.4 | 0.0 | |
| 45.5 | 48.5 | 88.0 | 354.7 | 384.0 | 130.5 | 160.7 | 462.9 | 99.9 | 0.0 | 0.0 | 0.0 | 39.7 | 228.6 | 37.4 | 51.0 | 0.0 | 0.0 | 384.8 | 90.4 | 0.0 | |
| 45.1 | 48.1 | 87.2 | 353.2 | 381.6 | 129.8 | 159.8 | 460.6 | 99.3 | 0.0 | 0.0 | 0.0 | 39.2 | 227.6 | 37.2 | 50.5 | 0.0 | 0.0 | 382.0 | 89.5 | 0.0 | |
| 41.8 | 44.7 | 80.8 | 329.1 | 354.8 | 120.7 | 148.7 | 428.9 | 92.3 | 0.0 | 0.0 | 0.0 | 36.2 | 212.1 | 34.5 | 46.8 | 0.0 | 0.0 | 354.8 | 82.8 | 0.0 | |
| 44.3 | 47.5 | 85.5 | 350.4 | 376.9 | 128.3 | 158.2 | 456.4 | 98.1 | 0.0 | 0.0 | 0.0 | 38.2 | 225.8 | 36.6 | 49.5 | 0.0 | 0.0 | 376.6 | 87.6 | 0.0 | |
| 42.4 | 45.6 | 81.9 | 337.7 | 362.5 | 123.4 | 152.3 | 439.6 | 94.4 | 0.0 | 0.0 | 0.0 | 36.5 | 217.6 | 35.2 | 47.5 | 0.0 | 0.0 | 361.9 | 83.9 | 0.0 | |
| | | | | | | | | | | | | | | | | | | | | | |
| 43.4 | 46.8 | 0.0 | 347.5 | 372.2 | 126.8 | 156.5 | 452.1 | 97.0 | 0.0 | 0.0 | 0.0 | 37.2 | 224.0 | 36.1 | 48.6 | 0.0 | 0.0 | 371.3 | 85.8 | 0.0 | |
| 43.4 | 46.8 | 0.0 | 347.5 | 116.9 | 126.8 | 156.5 | 452.1 | 97.0 | 0.0 | 0.0 | 0.0 | 37.2 | 224.0 | 36.1 | 48.6 | 0.0 | 0.0 | 371.3 | 85.8 | 0.0 | |
| | | | | 256.3 | | | | | | | | | | | | | | | | | |
| 41.7 | 45.0 | 0.0 | 334.9 | 111.8 | 122.0 | 150.7 | 436.4 | 93.3 | 0.0 | 0.0 | 0.0 | 36.5 | 215.8 | 34.7 | 46.5 | 0.0 | 0.0 | 356.7 | 82.2 | 0.0 | |
| 42.7 | 46.1 | 0.0 | 344.7 | 114.2 | 125.3 | 154.9 | 447.8 | 95.8 | 0.0 | 0.0 | 0.0 | 36.2 | 222.1 | 35.6 | 47.6 | 0.0 | 0.0 | 366.0 | 84.0 | 0.0 | |
| 42.2 | 45.8 | 0.0 | 343.3 | 112.9 | 124.6 | 154.1 | 445.7 | 95.2 | 0.0 | 0.0 | 0.0 | 35.7 | 221.2 | 35.3 | 47.1 | 0.0 | 0.0 | 363.3 | 83.2 | 0.0 | |
| 40.5 | 44.1 | 0.0 | 330.8 | 108.0 | 119.9 | 148.3 | 429.2 | 91.6 | 0.0 | 0.0 | 0.0 | 34.1 | 213.2 | 33.9 | 45.1 | 0.0 | 0.0 | 349.1 | 79.6 | 0.0 | |
| 41.5 | 45.2 | 0.0 | 340.5 | 110.4 | 123.1 | 152.5 | 441.5 | 94.1 | 0.0 | 0.0 | 0.0 | 34.8 | 219.4 | 34.8 | 46.2 | 0.0 | 0.0 | 358.1 | 81.4 | 0.0 | |
| 39.8 | 43.4 | 0.0 | 328.2 | 105.6 | 118.5 | 146.8 | 425.2 | 90.5 | 0.0 | 0.0 | 0.0 | 33.2 | 211.5 | 33.4 | 44.2 | 0.0 | 0.0 | 344.1 | 78.0 | 0.0 | |
| 40.7 | 44.6 | 0.0 | 337.7 | 107.8 | 121.7 | 150.9 | 437.3 | 93.0 | 0.0 | 0.0 | 0.0 | 33.8 | 217.6 | 34.3 | 45.3 | 0.0 | 0.0 | 353.0 | 79.8 | 0.0 | |
| 40.3 | 44.3 | 0.0 | 336.3 | 106.6 | 121.0 | 150.1 | 435.2 | 92.4 | 0.0 | 0.0 | 0.0 | 33.4 | 216.7 | 34.0 | 44.8 | 0.0 | 0.0 | 350.4 | 78.9 | 0.0 | |
| 36.1 | 39.7 | 0.0 | 302.6 | 95.2 | 108.7 | 134.9 | 391.3 | 83.0 | 0.0 | 0.0 | 0.0 | 29.7 | 195.0 | 30.5 | 40.1 | 0.0 | 0.0 | 314.3 | 70.6 | 0.0 | |
| 39.6 | 43.7 | 0.0 | 333.7 | 104.2 | 119.6 | 148.6 | 431.2 | 91.4 | 0.0 | 0.0 | 0.0 | 32.5 | 215.0 | 33.6 | 43.9 | 0.0 | 0.0 | 345.6 | 77.3 | 0.0 | |
| 38.0 | 42.0 | 0.0 | 321.6 | 99.7 | 115.1 | 143.0 | 415.4 | 87.9 | 0.0 | 0.0 | 0.0 | 31.0 | 207.3 | 32.2 | 42.1 | 0.0 | 0.0 | 332.0 | 74.1 | 0.0 | |
| 38.9 | 43.1 | 0.0 | 331.0 | 101.9 | 118.3 | 147.0 | 427.2 | 90.2 | 0.0 | 0.0 | 0.0 | 31.6 | 213.3 | 33.1 | 43.1 | 0.0 | 0.0 | 340.7 | 75.7 | 0.0 | |
| 37.3 | 41.4 | 0.0 | 319.0 | 97.5 | 113.8 | 141.5 | 411.4 | 86.8 | 0.0 | 0.0 | 0.0 | 30.2 | 206.6 | 31.8 | 41.3 | 0.0 | 0.0 | 327.3 | 72.5 | 0.0 | |
| 38.2 | 42.5 | 0.0 | 328.3 | 99.6 | 116.9 | 145.5 | 423.1 | 89.2 | 0.0 | 0.0 | 0.0 | 30.8 | 211.6 | 32.6 | 42.2 | 0.0 | 0.0 | 335.8 | 74.2 | 0.0 | |
| 37.8 | 42.2 | 0.0 | 326.9 | 98.4 | 116.2 | 144.7 | 421.1 | 88.7 | 0.0 | 0.0 | 0.0 | 30.0 | 210.7 | 32.4 | 41.8 | 0.0 | 0.0 | 333.3 | 73.4 | 0.0 | |
| 36.2 | 40.5 | 0.0 | 315.1 | 94.1 | 111.6 | 139.3 | 405.6 | 85.3 | 0.0 | 0.0 | 0.0 | 29.1 | 203.1 | 31.1 | 40.0 | 0.0 | 0.0 | 320.3 | 70.3 | 0.0 | |
| 37.1 | 41.6 | 0.0 | 324.3 | 96.2 | 114.9 | 143.2 | 417.1 | 87.6 | 0.0 | 0.0 | 0.0 | 30.0 | 209.0 | 31.9 | 40.9 | 0.0 | 0.0 | 328.6 | 71.9 | 0.0 | |
| 35.6 | 40.0 | 0.0 | 312.5 | 92.0 | 110.5 | 137.8 | 401.8 | 84.3 | 0.0 | 0.0 | 0.0 | 28.4 | 201.4 | 30.6 | 39.2 | 0.0 | 0.0 | 315.7 | 68.8 | 0.0 | |
| 36.4 | 41.0 | 0.0 | 321.6 | 94.0 | 113.5 | 141.7 | 413.2 | 86.6 | 0.0 | 0.0 | 0.0 | 29.3 | 207.3 | 31.4 | 40.1 | 0.0 | 0.0 | 323.9 | 70.4 | 0.0 | |
| 36.1 | 40.8 | 0.0 | 320.3 | 92.9 | 112.9 | 141.0 | 411.2 | 86.0 | 0.0 | 0.0 | 0.0 | 28.4 | 206.4 | 31.2 | 39.7 | 0.0 | 0.0 | 321.5 | 69.6 | 0.0 | |
| 32.3 | 36.6 | 0.0 | 288.2 | 83.0 | 101.4 | 126.7 | 369.7 | 77.3 | 0.0 | 0.0 | 0.0 | 26.7 | 186.7 | 28.0 | 35.5 | 0.0 | 0.0 | 288.4 | 62.3 | 0.0 | |
| 35.4 | 40.2 | 0.0 | 317.8 | 90.8 | 111.6 | 139.5 | 407.5 | 85.0 | 0.0 | 0.0 | 0.0 | 29.8 | 204.8 | 30.0 | 39.0 | 0.0 | 0.0 | 317.1 | 68.2 | 0.0 | |
| 34.0 | 38.6 | 0.0 | 306.3 | 86.9 | 107.4 | 134.3 | 392.5 | 81.8 | 0.0 | 0.0 | 0.0 | 29.4 | 197.4 | 30.0 | 37.3 | 0.0 | 0.0 | 304.7 | 65.3 | 0.0 | |
| 34.8 | 39.7 | 0.0 | 315.2 | 88.8 | 110.3 | 138.1 | 403.6 | 84.0 | 0.0 | 0.0 | 0.0 | 29.1 | 203.1 | 30.0 | 38.2 | 0.0 | 0.0 | 312.6 | 66.8 | 0.0 | |
| 33.3 | 38.1 | 0.0 | 303.8 | 84.9 | 106.1 | 132.9 | 388.8 | 80.8 | 0.0 | 0.0 | 0.0 | 28.0 | 195.8 | 30.0 | 36.6 | 0.0 | 0.0 | 300.3 | 64.0 | 0.0 | |
| 34.1 | 39.1 | 0.0 | 312.6 | 86.8 | 109.0 | 136.6 | 399.8 | 83.0 | 0.0 | 0.0 | 0.0 | 29.1 | 201.5 | 30.0 | 37.4 | 0.0 | 0.0 | 308.1 | 65.4 | 0.0 | |
| 33.8 | 38.8 | 0.0 | 311.3 | 85.7 | 108.4 | 135.9 | 397.9 | 82.5 | 0.0 | 0.0 | 0.0 | 28.6 | 200.6 | 30.0 | 37.0 | 0.0 | 0.0 | 305.8 | 64.7 | 0.0 | |
| 32.4 | 37.3 | 0.0 | 300.1 | 82.0 | 104.3 | 130.8 | 383.3 | 79.4 | 0.0 | 0.0 | 0.0 | 28.4 | 193.4 | 30.0 | 35.5 | 0.0 | 0.0 | 293.9 | 62.0 | 0.0 | |
| 33.2 | 38.3 | 0.0 | 308.8 | 83.8 | 107.1 | 134.5 | 394.2 | 81.6 | 0.0 | 0.0 | 0.0 | 29.0 | 199.0 | 30.0 | 36.3 | 0.0 | 0.0 | 301.5 | 63.4 | 0.0 | |
| 31.8 | 36.8 | 0.0 | 297.6 | 80.2 | 103.1 | 129.5 | 379.7 | 78.4 | 0.0 | 0.0 | 0.0 | 28.0 | 191.8 | 30.0 | 34.8 | 0.0 | 0.0 | 289.7 | 60.7 | 0.0 | |
| 32.6 | 37.8 | 0.0 | 306.3 | 81.9 | 105.9 | 133.1 | 390.5 | 80.6 | 0.0 | 0.0 | 0.0 | 28.4 | 197.4 | 30.0 | 35.6 | 0.0 | 0.0 | 297.2 | 62.1 | 0.0 | |
| 32.3 | 37.5 | 0.0 | 305.0 | 80.9 | 105.3 | 132.4 | 388.6 | 80.1 | 0.0 | 0.0 | 0.0 | 28.0 | 196.6 | 30.0 | 35.2 | 0.0 | 0.0 | 295.0 | 61.4 | 0.0 | |
| 28.9 | 33.7 | 0.0 | 274.4 | 72.3 | 94.5 | 119.0 | 349.4 | 71.9 | 0.0 | 0.0 | 0.0 | 26.9 | 176.9 | 30.0 | 31.5 | 0.0 | 0.0 | 264.6 | 54.9 | 0.0 | |
| 31.7 | 37.0 | 0.0 | 302.6 | 79.2 | 104.1 | 131.1 | 385.0 | 79.2 | 0.0 | 0.0 | 0.0 | 28.0 | 195.0 | 30.0 | 34.5 | 0.0 | 0.0 | 290.9 | 60.2 | 0.0 | |
| 30.4 | 35.6 | 0.0 | 291.7 | 75.7 | 100.1 | 128.2 | 370.9 | 76.2 | 0.0 | 0.0 | 0.0 | 27.0 | 188.0 | 30.0 | 33.1 | 0.0 | 0.0 | 279.5 | 57.7 | 0.0 | |
| 31.1 | 36.5 | 0.0 | 300.2 | 77.4 | 102.9 | 129.7 | 381.4 | 78.2 | 0.0 | 0.0 | 0.0 | 28.0 | 193.5 | 30.0 | 33.9 | 0.0 | 0.0 | 286.8 | 59.0 | 0.0 | |
| 0.0 | 35.1 | 0.0 | 289.3 | 74.0 | 99.0 | 124.8 | 367.4 | 75.2 | 0.0 | 0.0 | 0.0 | 27.0 | 186.5 | 30.0 | 32.4 | 0.0 | 0.0 | 275.5 | 56.5 | 0.0 | |
| 0.0 | 36.0 | 0.0 | 297.7 | 75.6 | 101.7 | 128.3 | 377.8 | 77.3 | 0.0 | 0.0 | 0.0 | 28.0 | 191.9 | 30.0 | 33.2 | 0.0 | 0.0 | 282.7 | 57.7 | 0.0 | |
| 0.0 | 35.7 | 0.0 | 296.5 | 74.7 | 101.1 | 127.8 | 376.0 | 76.8 | 0.0 | 0.0 | 0.0 | 27.0 | 191.1 | 30.0 | 32.8 | 0.0 | 0.0 | 280.6 | 57.1 | 0.0 | |
| 0.0 | 34.3 | 0.0 | 285.8 | 71.5 | 97.3 | 122.9 | 362.2 | 73.9 | 0.0 | 0.0 | 0.0 | 26.0 | 184.2 | 30.0 | 31.5 | 0.0 | 0.0 | 269.6 | 54.7 | 0.0 | |
| 0.0 | 35.2 | 0.0 | 294.1 | 73.0 | 99.9 | 126.3 | 372.5 | 75.9 | 0.0 | 0.0 | 0.0 | 27.0 | 189.5 | 30.0 | 32.2 | 0.0 | 0.0 | 278.6 | 56.0 | 0.0 | |
| 0.0 | 33.9 | 0.0 | 283.5 | 69.9 | 96.1 | 121.6 | 358.7 | 73.0 | 0.0 | 0.0 | 0.0 | 26.0 | 182.7 | 30.0 | 30.8 | 0.0 | 0.0 | 265.8 | 53.6 | 0.0 | |
| 0.0 | 34.8 | 0.0 | 291.7 | 71.4 | 98.8 | 125.0 | 368.9 | 75.0 | 0.0 | 0.0 | 0.0 | 27.0 | 188.0 | 30.0 | 31.6 | 0.0 | 0.0 | 272.7 | 54.8 | 0.0 | |
| 0.0 | 34.5 | 0.0 | 290.5 | 70.5 | 98.2 | 124.3 | 367.2 | 74.6 | 0.0 | 0.0 | 0.0 | 26.0 | 187.2 | 30.0 | 31.2 | 0.0 | 0.0 | 270.7 | 54.2 | 0.0 | |
| 0.0 | 32.1 | 0.0 | 270.7 | 65.2 | 91.3 | 115.7 | 341.9 | 69.3 | 0.0 | 0.0 | 0.0 | 25.0 | 174.4 | 30.0 | 28.9 | 0.0 | 0.0 | 251.4 | 50.2 | 0.0 | |
| 0.0 | 34.1 | 0.0 | 288.2 | 69.0 | 97.1 | 123.1 | 363.8 | 73.7 | 0.0 | 0.0 | 0.0 | 26.0 | 185.7 | 30.0 | 30.0 | 0.0 | 0.0 | 268.9 | 53.1 | 0.0 | |
| 0.0 | 32.7 | 0.0 | 277.8 | 66.0 | 93.4 | 118.5 | 350.4 | 70.9 | 0.0 | 0.0 | 0.0 | 25.0 | 179.0 | 30.0 | 30.0 | 0.0 | 0.0 | 263.4 | 50.9 | 0.0 | |
| 0.0 | 33.6 | 0.0 | 285.8 | 67.4 | 95.9 | 121.8 | 360.4 | 72.8 | 0.0 | 0.0 | 0.0 | 26.0 | 184.2 | 30.0 | 30.0 | 0.0 | 0.0 | 263.1 | 52.0 | 0.0 | |
| 0.0 | 32.3 | 0.0 | 275.5 | 64.5 | 92.3 | 117.2 | 347.1 | 70.1 | 0.0 | 0.0 | 0.0 | 25.0 | 177.6 | 30.0 | 30.0 | 0.0 | 0.0 | 252.8</ | | | |

| | | | | | | | | | | | | | | | | | | | | |
|-----|------|-----|-------|------|------|-------|-------|------|-----|-----|-----|-----|-------|-----|-----|-----|-----|-------|------|-----|
| 0.0 | 31.3 | 0.0 | 274.5 | 60.1 | 90.5 | 115.6 | 343.7 | 68.6 | 0.0 | 0.0 | 0.0 | 0.0 | 176.9 | 0.0 | 0.0 | 0.0 | 0.0 | 244.9 | 46.9 | 0.0 |
| 0.0 | 30.1 | 0.0 | 264.5 | 57.5 | 87.1 | 111.3 | 331.1 | 66.0 | 0.0 | 0.0 | 0.0 | 0.0 | 170.5 | 0.0 | 0.0 | 0.0 | 0.0 | 235.3 | 44.9 | 0.0 |
| 0.0 | 30.9 | 0.0 | 272.2 | 58.7 | 89.5 | 114.4 | 340.5 | 67.8 | 0.0 | 0.0 | 0.0 | 0.0 | 175.4 | 0.0 | 0.0 | 0.0 | 0.0 | 241.4 | 45.9 | 0.0 |
| 0.0 | 0.0 | 0.0 | 252.4 | 56.2 | 86.1 | 110.1 | 328.0 | 65.2 | 0.0 | 0.0 | 0.0 | 0.0 | 169.1 | 0.0 | 0.0 | 0.0 | 0.0 | 231.9 | 44.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 270.0 | 57.4 | 88.4 | 113.2 | 337.3 | 67.0 | 0.0 | 0.0 | 0.0 | 0.0 | 174.0 | 0.0 | 0.0 | 0.0 | 0.0 | 237.9 | 44.9 | 0.0 |
| 0.0 | 0.0 | 0.0 | 268.9 | 56.7 | 87.9 | 112.6 | 335.7 | 66.6 | 0.0 | 0.0 | 0.0 | 0.0 | 173.3 | 0.0 | 0.0 | 0.0 | 0.0 | 236.2 | 44.5 | 0.0 |
| 0.0 | 0.0 | 0.0 | 259.2 | 54.3 | 84.6 | 108.4 | 323.3 | 64.1 | 0.0 | 0.0 | 0.0 | 0.0 | 167.0 | 0.0 | 0.0 | 0.0 | 0.0 | 228.9 | 42.6 | 0.0 |
| 0.0 | 0.0 | 0.0 | 266.7 | 55.4 | 86.9 | 111.4 | 332.5 | 65.8 | 0.0 | 0.0 | 0.0 | 0.0 | 171.9 | 0.0 | 0.0 | 0.0 | 0.0 | 232.8 | 43.5 | 0.0 |
| 0.0 | 0.0 | 0.0 | 257.1 | 53.0 | 83.6 | 107.3 | 320.3 | 63.3 | 0.0 | 0.0 | 0.0 | 0.0 | 165.7 | 0.0 | 0.0 | 0.0 | 0.0 | 223.7 | 41.7 | 0.0 |
| 0.0 | 0.0 | 0.0 | 264.5 | 54.2 | 85.9 | 110.2 | 329.4 | 65.0 | 0.0 | 0.0 | 0.0 | 0.0 | 170.5 | 0.0 | 0.0 | 0.0 | 0.0 | 229.5 | 42.6 | 0.0 |
| 0.0 | 0.0 | 0.0 | 263.4 | 53.5 | 85.4 | 109.7 | 327.8 | 64.6 | 0.0 | 0.0 | 0.0 | 0.0 | 169.8 | 0.0 | 0.0 | 0.0 | 0.0 | 227.8 | 42.2 | 0.0 |
| 0.0 | 0.0 | 0.0 | 237.0 | 47.8 | 76.7 | 98.5 | 294.7 | 58.0 | 0.0 | 0.0 | 0.0 | 0.0 | 152.8 | 0.0 | 0.0 | 0.0 | 0.0 | 204.3 | 37.7 | 0.0 |
| 0.0 | 0.0 | 0.0 | 261.4 | 52.4 | 84.4 | 106.5 | 324.8 | 63.8 | 0.0 | 0.0 | 0.0 | 0.0 | 168.5 | 0.0 | 0.0 | 0.0 | 0.0 | 224.7 | 41.4 | 0.0 |
| 0.0 | 0.0 | 0.0 | 251.9 | 50.1 | 81.3 | 104.5 | 312.8 | 61.4 | 0.0 | 0.0 | 0.0 | 0.0 | 162.4 | 0.0 | 0.0 | 0.0 | 0.0 | 215.9 | 39.6 | 0.0 |
| 0.0 | 0.0 | 0.0 | 259.3 | 51.2 | 83.5 | 107.4 | 321.8 | 63.1 | 0.0 | 0.0 | 0.0 | 0.0 | 167.1 | 0.0 | 0.0 | 0.0 | 0.0 | 221.5 | 40.5 | 0.0 |
| 0.0 | 0.0 | 0.0 | 249.9 | 49.0 | 80.3 | 103.4 | 309.9 | 60.7 | 0.0 | 0.0 | 0.0 | 0.0 | 161.0 | 0.0 | 0.0 | 0.0 | 0.0 | 212.8 | 38.8 | 0.0 |
| 0.0 | 0.0 | 0.0 | 257.1 | 50.0 | 82.5 | 106.3 | 318.7 | 62.4 | 0.0 | 0.0 | 0.0 | 0.0 | 165.7 | 0.0 | 0.0 | 0.0 | 0.0 | 218.3 | 39.7 | 0.0 |
| 0.0 | 0.0 | 0.0 | 256.1 | 49.4 | 82.0 | 105.7 | 317.2 | 62.0 | 0.0 | 0.0 | 0.0 | 0.0 | 165.0 | 0.0 | 0.0 | 0.0 | 0.0 | 216.7 | 39.2 | 0.0 |
| 0.0 | 0.0 | 0.0 | 246.8 | 47.3 | 78.9 | 101.8 | 305.5 | 59.6 | 0.0 | 0.0 | 0.0 | 0.0 | 159.1 | 0.0 | 0.0 | 0.0 | 0.0 | 208.2 | 37.6 | 0.0 |
| 0.0 | 0.0 | 0.0 | 254.0 | 48.3 | 81.1 | 104.6 | 314.2 | 61.3 | 0.0 | 0.0 | 0.0 | 0.0 | 163.7 | 0.0 | 0.0 | 0.0 | 0.0 | 213.6 | 38.4 | 0.0 |
| 0.0 | 0.0 | 0.0 | 244.8 | 46.2 | 78.0 | 100.7 | 302.6 | 58.9 | 0.0 | 0.0 | 0.0 | 0.0 | 157.8 | 0.0 | 0.0 | 0.0 | 0.0 | 205.3 | 36.8 | 0.0 |
| 0.0 | 0.0 | 0.0 | 251.9 | 47.2 | 80.1 | 103.5 | 311.2 | 60.5 | 0.0 | 0.0 | 0.0 | 0.0 | 162.4 | 0.0 | 0.0 | 0.0 | 0.0 | 210.6 | 37.6 | 0.0 |

| | 193 | 194 | 195 | 197 | 198 | 199 | 200 | 202 | 203 | 205 | 206 | 207 | Field Total |
|-------|-------|-------|-------|-------|-------|-------|------|------|-------|-------|-------|---------|-------------|
| 698.3 | 481.7 | 157.7 | 584.8 | 193.6 | 207.8 | 226.5 | 44.9 | 84.0 | 135.6 | 153.8 | 215.4 | 16692.9 | |
| 660.6 | 460.7 | 150.1 | 538.3 | 185.7 | 198.2 | 214.9 | 42.7 | 80.1 | 129.6 | 147.5 | 205.9 | 15986.0 | |
| 676.9 | 470.6 | 152.7 | 547.9 | 190.1 | 202.0 | 217.8 | 43.4 | 81.5 | 132.4 | 151.1 | 210.2 | 16367.7 | |
| 649.7 | 450.1 | 145.3 | 522.2 | 182.2 | 192.7 | 206.6 | 41.3 | 77.7 | 126.6 | 144.9 | 201.0 | 15685.2 | |
| 665.8 | 459.7 | 147.7 | 531.5 | 186.5 | 196.3 | 209.3 | 41.9 | 79.1 | 129.2 | 148.4 | 205.1 | 16051.0 | |
| 660.2 | 454.3 | 145.2 | 523.4 | 184.8 | 193.5 | 205.2 | 41.2 | 77.9 | 127.7 | 147.1 | 202.6 | 15892.9 | |
| 591.5 | 405.7 | 129.1 | 465.9 | 165.4 | 172.4 | 181.8 | 36.6 | 69.4 | 114.0 | 131.7 | 180.9 | 14221.0 | |
| 649.7 | 444.1 | 140.7 | 508.3 | 181.5 | 198.3 | 197.5 | 39.9 | 75.7 | 124.8 | 144.6 | 197.9 | 15598.4 | |
| 623.5 | 424.8 | 133.9 | 484.5 | 174.0 | 179.6 | 187.4 | 37.9 | 72.2 | 119.3 | 138.7 | 189.2 | 14921.3 | |
| 639.0 | 433.9 | 136.1 | 493.1 | 178.1 | 183.0 | 189.9 | 38.5 | 73.5 | 121.8 | 142.0 | 193.2 | 15271.6 | |
| 613.2 | 415.0 | 129.5 | 470.0 | 170.8 | 174.6 | 180.2 | 36.7 | 70.1 | 116.5 | 136.2 | 184.7 | 14638.4 | |
| 628.4 | 423.9 | 131.7 | 478.4 | 174.8 | 177.9 | 182.6 | 37.2 | 71.3 | 118.9 | 139.5 | 188.5 | 14983.1 | |
| 623.2 | 418.9 | 129.5 | 471.0 | 173.2 | 175.4 | 178.9 | 36.6 | 70.2 | 117.5 | 138.3 | 186.2 | 14839.1 | |
| 598.1 | 400.7 | 123.3 | 449.0 | 166.0 | 167.3 | 169.8 | 34.8 | 67.0 | 112.4 | 132.6 | 178.0 | 14225.2 | |
| 612.9 | 409.2 | 125.4 | 457.0 | 169.9 | 170.5 | 172.0 | 35.4 | 68.2 | 114.7 | 135.8 | 181.7 | 14561.4 | |
| 588.2 | 391.4 | 119.3 | 435.6 | 162.9 | 162.6 | 163.2 | 33.6 | 65.0 | 109.7 | 130.3 | 173.7 | 13959.6 | |
| 602.8 | 399.8 | 121.3 | 443.3 | 168.8 | 165.7 | 165.4 | 34.2 | 66.2 | 112.0 | 133.4 | 177.4 | 14290.2 | |
| 597.7 | 395.1 | 119.3 | 436.5 | 165.2 | 163.3 | 162.1 | 33.6 | 65.2 | 110.6 | 132.2 | 175.2 | 14155.0 | |
| 554.6 | 365.4 | 109.8 | 402.3 | 153.1 | 160.7 | 148.7 | 30.9 | 60.1 | 102.3 | 122.6 | 161.9 | 13120.7 | |
| 588.0 | 386.1 | 115.5 | 423.7 | 162.2 | 158.8 | 155.9 | 32.5 | 63.3 | 108.1 | 129.9 | 171.0 | 13897.9 | |
| 564.4 | 369.3 | 109.9 | 403.9 | 155.5 | 151.6 | 148.0 | 30.9 | 60.3 | 103.3 | 124.6 | 163.5 | 13325.3 | |
| 578.3 | 377.2 | 111.7 | 411.1 | 159.2 | 154.4 | 149.9 | 31.4 | 61.4 | 105.5 | 127.6 | 166.9 | 13642.5 | |
| 555.1 | 360.8 | 106.4 | 391.8 | 152.6 | 147.3 | 142.2 | 29.8 | 58.6 | 100.9 | 122.4 | 159.6 | 13081.1 | |
| 568.8 | 368.5 | 108.2 | 398.8 | 153.3 | 150.1 | 144.1 | 0.0 | 59.6 | 103.0 | 125.4 | 162.9 | 13362.9 | |
| 564.0 | 364.2 | 106.3 | 392.7 | 154.8 | 147.9 | 141.3 | 0.0 | 58.7 | 101.8 | 124.3 | 160.9 | 13238.9 | |
| 541.3 | 348.4 | 101.3 | 374.3 | 148.4 | 141.2 | 134.0 | 0.0 | 56.0 | 97.3 | 119.2 | 153.9 | 12895.2 | |
| 554.7 | 355.8 | 102.9 | 380.9 | 151.9 | 143.8 | 135.8 | 0.0 | 57.0 | 99.4 | 122.1 | 157.1 | 12999.2 | |
| 532.4 | 340.3 | 98.0 | 363.1 | 145.6 | 137.2 | 128.9 | 0.0 | 54.3 | 95.0 | 117.1 | 150.2 | 12465.9 | |
| 545.6 | 347.6 | 99.6 | 369.6 | 149.1 | 139.8 | 130.6 | 0.0 | 55.3 | 97.0 | 119.9 | 153.3 | 12764.9 | |
| 541.0 | 343.5 | 98.0 | 363.9 | 147.7 | 137.8 | 128.0 | 0.0 | 54.5 | 95.9 | 118.8 | 151.4 | 12548.0 | |
| 484.8 | 308.8 | 87.1 | 323.9 | 132.2 | 122.8 | 113.4 | 0.0 | 48.5 | 85.6 | 106.4 | 135.2 | 11324.6 | |
| 532.4 | 335.8 | 94.9 | 363.4 | 145.0 | 134.1 | 123.2 | 0.0 | 52.9 | 93.7 | 116.8 | 147.9 | 12428.9 | |
| 511.0 | 321.2 | 90.4 | 336.8 | 139.1 | 127.9 | 116.9 | 0.0 | 50.5 | 89.6 | 112.1 | 141.4 | 11920.4 | |
| 523.6 | 328.1 | 91.8 | 342.8 | 142.4 | 130.3 | 118.4 | 0.0 | 51.4 | 91.4 | 114.8 | 144.3 | 12207.5 | |
| 502.5 | 313.8 | 87.4 | 326.8 | 136.5 | 124.3 | 112.4 | 0.0 | 49.0 | 87.4 | 110.1 | 138.0 | 11708.4 | |
| 515.0 | 320.5 | 88.8 | 332.6 | 139.7 | 126.7 | 113.9 | 0.0 | 49.9 | 89.3 | 112.7 | 140.9 | 11991.0 | |
| 510.7 | 316.7 | 87.4 | 327.5 | 138.4 | 124.9 | 111.6 | 0.0 | 49.1 | 88.2 | 111.7 | 139.1 | 11882.8 | |
| 490.1 | 303.0 | 83.2 | 312.2 | 132.7 | 119.1 | 105.9 | 0.0 | 46.8 | 84.3 | 107.2 | 133.0 | 11397.7 | |
| 502.3 | 309.4 | 84.5 | 317.7 | 135.8 | 121.4 | 107.3 | 0.0 | 47.7 | 85.1 | 109.8 | 135.8 | 11673.2 | |
| 482.0 | 295.0 | 80.5 | 302.8 | 130.2 | 115.8 | 101.8 | 0.0 | 45.5 | 82.3 | 105.3 | 129.8 | 11199.9 | |
| 494.0 | 302.3 | 81.8 | 308.2 | 133.3 | 118.0 | 103.1 | 0.0 | 46.3 | 84.1 | 107.8 | 132.5 | 11468.5 | |
| 489.8 | 298.7 | 80.5 | 303.5 | 132.1 | 116.3 | 101.1 | 0.0 | 45.6 | 83.1 | 106.9 | 130.9 | 11366.1 | |
| 439.9 | 266.8 | 71.5 | 270.2 | 118.2 | 103.6 | 89.6 | 0.0 | 40.6 | 74.2 | 95.7 | 116.9 | 10179.1 | |
| 482.0 | 292.1 | 77.9 | 294.7 | 129.7 | 113.2 | 97.3 | 0.0 | 44.3 | 81.2 | 105.0 | 127.9 | 11174.3 | |
| 462.6 | 279.4 | 74.2 | 280.9 | 124.3 | 108.0 | 92.3 | 0.0 | 42.2 | 77.6 | 100.7 | 122.3 | 10719.3 | |
| 474.1 | 285.3 | 75.4 | 285.9 | 127.3 | 110.0 | 93.6 | 0.0 | 43.0 | 79.2 | 103.2 | 124.8 | 10980.1 | |
| 455.0 | 272.9 | 71.8 | 272.6 | 122.0 | 105.0 | 88.8 | 0.0 | 41.0 | 75.8 | 99.0 | 119.3 | 10533.4 | |
| 465.3 | 278.8 | 73.0 | 277.4 | 124.9 | 106.9 | 89.9 | 0.0 | 41.7 | 77.4 | 101.4 | 121.8 | 10790.0 | |
| 462.3 | 275.5 | 71.8 | 273.2 | 123.8 | 105.4 | 88.2 | 0.0 | 41.1 | 76.4 | 100.4 | 120.3 | 10665.9 | |
| 443.7 | 263.5 | 68.3 | 260.4 | 118.6 | 100.6 | 83.6 | 0.0 | 39.2 | 73.1 | 96.3 | 115.0 | 10233.5 | |
| 454.7 | 269.1 | 69.4 | 265.0 | 121.5 | 102.5 | 84.8 | 0.0 | 39.9 | 74.6 | 98.7 | 117.4 | 10484.3 | |
| 436.4 | 257.4 | 66.1 | 252.6 | 116.5 | 97.8 | 80.4 | 0.0 | 38.0 | 71.4 | 94.6 | 112.3 | 10030.4 | |
| 447.2 | 262.9 | 67.1 | 257.1 | 119.2 | 99.6 | 81.5 | 0.0 | 38.7 | 72.9 | 95.9 | 114.6 | 10276.6 | |
| 443.5 | 259.8 | 66.0 | 253.1 | 118.1 | 98.2 | 79.9 | 0.0 | 38.1 | 72.0 | 95.1 | 113.2 | 10188.2 | |
| 397.4 | 232.0 | 58.8 | 225.3 | 105.7 | 87.5 | 70.8 | 0.0 | 33.9 | 64.3 | 86.0 | 101.0 | 9127.0 | |
| 436.4 | 254.0 | 64.1 | 245.8 | 116.0 | 95.5 | 76.9 | 0.0 | 37.0 | 70.3 | 94.4 | 110.6 | 10022.3 | |
| 418.8 | 243.0 | 61.0 | 234.3 | 111.2 | 91.1 | 72.9 | 0.0 | 35.3 | 67.3 | 90.6 | 105.7 | 9617.1 | |
| 429.2 | 248.2 | 62.0 | 238.5 | 113.8 | 92.8 | 73.9 | 0.0 | 35.9 | 68.7 | 92.8 | 107.9 | 9853.8 | |
| 411.9 | 237.4 | 59.0 | 227.3 | 109.1 | 88.6 | 70.1 | 0.0 | 34.3 | 65.7 | 89.0 | 103.2 | 9455.7 | |
| 422.1 | 242.4 | 60.0 | 231.4 | 111.7 | 90.3 | 71.1 | 0.0 | 34.9 | 67.1 | 91.1 | 105.3 | 9688.9 | |
| 418.6 | 239.6 | 59.0 | 227.8 | 110.7 | 89.0 | 69.6 | 0.0 | 34.4 | 66.2 | 90.3 | 104.0 | 9576.1 | |
| 401.7 | 229.2 | 56.1 | 217.2 | 106.1 | 84.9 | 66.1 | 0.0 | 32.8 | 63.3 | 86.6 | 99.4 | 9189.8 | |
| 411.7 | 234.0 | 57.0 | 221.0 | 108.6 | 86.5 | 67.0 | 0.0 | 33.4 | 64.7 | 88.7 | 101.5 | 9416.9 | |
| 395.1 | 223.9 | 54.3 | 210.7 | 104.1 | 82.5 | 63.5 | 0.0 | 31.8 | 61.8 | 85.1 | 97.1 | 9037.2 | |
| 404.9 | 228.7 | 55.1 | 214.4 | 106.6 | 84.1 | 64.4 | 0.0 | 32.4 | 63.1 | 87.2 | 99.1 | 9260.7 | |
| 401.5 | 226.0 | 54.3 | 211.1 | 105.6 | 82.9 | 63.1 | 0.0 | 31.9 | 62.4 | 85.4 | 97.9 | 9182.7 | |
| 372.6 | 209.0 | 50.0 | 194.6 | 97.9 | 76.4 | 57.9 | 0.0 | 29.4 | 57.7 | 80.1 | 90.5 | 8491.8 | |
| 395.0 | 220.8 | 52.5 | 204.9 | 103.7 | 80.6 | 60.7 | 0.0 | 31.0 | 60.9 | 84.9 | 95.6 | 9003.8 | |
| 379.1 | 211.2 | 50.1 | 195.3 | 98.4 | 76.9 | 57.6 | 0.0 | 0.0 | 58.3 | 81.4 | 91.4 | 8612.2 | |
| 388.5 | 215.7 | 50.9 | 198.8 | 101.7 | 78.3 | 58.3 | 0.0 | 0.0 | 59.5 | 83.4 | 93.3 | 8828.0 | |
| 372.9 | 206.4 | 48.4 | 189.5 | 97.5 | 74.7 | 56.4 | 0.0 | 0.0 | 56.9 | 80.0 | 89.2 | 8471.4 | |
| 382.1 | 210.8 | 49.2 | 192.9 | 99.9 | 76.1 | 56.1 | 0.0 | 0.0 | 58.1 | 81.9 | 91.0 | 8682.1 | |
| 378.9 | 208.3 | 48.4 | 189.9 | 98.9 | 75.1 | 55.0 | 0.0 | 0.0 | 57.4 | 81.2 | 89.9 | 8610.1 | |
| 363.6 | 199.2 | 46.1 | 181.0 | 94.8 | 71.6 | 52.2 | 0.0 | 0.0 | 54.9 | 77.9 | 85.9 | 8264.3 | |
| 372.6 | 203.5 | 46.8 | 184.2 | 97.1 | 73.0 | 52.9 | 0.0 | 0.0 | 56.0 | 79.7 | 87.7 | 8470.2 | |

| | | | | | | | | | | | |
|-------|-------|------|-------|------|------|------|-----|-----|------|------|------|
| 357.6 | 194.6 | 44.6 | 175.6 | 93.1 | 69.6 | 50.2 | 0.0 | 0.0 | 53.6 | 76.5 | 83.9 |
| 366.5 | 198.8 | 45.3 | 178.7 | 95.3 | 70.9 | 50.8 | 0.0 | 0.0 | 54.7 | 78.3 | 85.6 |
| 363.4 | 198.4 | 44.6 | 176.0 | 94.4 | 69.9 | 49.8 | 0.0 | 0.0 | 54.0 | 77.6 | 84.6 |
| 325.6 | 175.4 | 39.6 | 156.7 | 84.5 | 62.3 | 44.1 | 0.0 | 0.0 | 48.3 | 69.5 | 75.5 |
| 367.6 | 192.1 | 43.1 | 170.9 | 92.7 | 68.0 | 47.9 | 0.0 | 0.0 | 52.8 | 76.3 | 82.6 |
| 343.2 | 183.7 | 41.1 | 162.9 | 88.9 | 64.9 | 45.5 | 0.0 | 0.0 | 50.5 | 73.2 | 79.0 |
| 351.7 | 187.6 | 41.7 | 165.8 | 91.0 | 66.1 | 46.1 | 0.0 | 0.0 | 51.6 | 75.0 | 80.6 |
| 337.6 | 179.5 | 39.7 | 158.1 | 87.2 | 63.1 | 43.7 | 0.0 | 0.0 | 49.3 | 71.9 | 77.1 |
| 345.9 | 183.3 | 40.4 | 160.9 | 89.3 | 64.3 | 44.3 | 0.0 | 0.0 | 50.3 | 73.6 | 78.7 |
| 343.0 | 181.1 | 39.7 | 158.4 | 88.4 | 63.4 | 43.4 | 0.0 | 0.0 | 49.7 | 73.0 | 77.7 |
| 329.2 | 173.3 | 37.9 | 151.0 | 84.8 | 60.4 | 41.2 | 0.0 | 0.0 | 47.6 | 70.0 | 74.3 |
| 337.4 | 177.0 | 38.4 | 153.7 | 86.8 | 61.6 | 41.8 | 0.0 | 0.0 | 48.6 | 71.7 | 75.9 |
| 323.8 | 169.3 | 36.7 | 146.5 | 83.2 | 58.8 | 39.6 | 0.0 | 0.0 | 46.4 | 68.8 | 72.5 |
| 331.8 | 172.9 | 37.2 | 149.1 | 85.2 | 59.9 | 40.1 | 0.0 | 0.0 | 47.4 | 70.4 | 74.0 |
| 329.0 | 170.8 | 36.7 | 146.8 | 84.4 | 59.0 | 39.3 | 0.0 | 0.0 | 46.8 | 69.8 | 73.1 |
| 294.8 | 152.6 | 32.6 | 130.7 | 75.5 | 52.6 | 34.9 | 0.0 | 0.0 | 41.8 | 62.5 | 65.3 |
| 323.8 | 167.0 | 35.4 | 142.6 | 82.9 | 57.4 | 37.9 | 0.0 | 0.0 | 45.8 | 68.6 | 71.4 |
| 310.7 | 159.8 | 33.8 | 135.9 | 79.5 | 54.8 | 35.9 | 0.0 | 0.0 | 43.8 | 65.8 | 68.3 |
| 318.4 | 163.2 | 34.3 | 138.3 | 81.3 | 55.8 | 36.4 | 0.0 | 0.0 | 44.7 | 67.4 | 69.7 |
| 305.6 | 156.1 | 32.7 | 131.8 | 78.0 | 53.2 | 34.6 | 0.0 | 0.0 | 42.7 | 64.6 | 66.7 |
| 313.2 | 159.4 | 33.2 | 134.2 | 79.8 | 54.2 | 35.0 | 0.0 | 0.0 | 43.6 | 66.2 | 68.0 |
| 310.6 | 157.5 | 32.7 | 132.1 | 79.1 | 53.5 | 34.3 | 0.0 | 0.0 | 43.1 | 65.6 | 67.2 |
| 298.1 | 150.7 | 31.0 | 125.9 | 75.8 | 51.0 | 32.6 | 0.0 | 0.0 | 41.2 | 62.9 | 64.3 |
| 305.5 | 153.9 | 31.6 | 128.2 | 77.6 | 52.0 | 33.0 | 0.0 | 0.0 | 42.1 | 64.5 | 65.6 |
| 293.2 | 147.2 | 30.0 | 122.2 | 74.4 | 49.6 | 31.3 | 0.0 | 0.0 | 40.2 | 61.8 | 62.7 |
| 300.4 | 150.4 | 0.0 | 124.3 | 76.2 | 50.5 | 31.7 | 0.0 | 0.0 | 41.1 | 63.3 | 64.0 |
| 297.9 | 148.6 | 0.0 | 122.4 | 75.5 | 49.8 | 31.1 | 0.0 | 0.0 | 40.6 | 62.7 | 63.2 |
| 266.9 | 132.7 | 0.0 | 109.0 | 67.5 | 44.4 | 0.0 | 0.0 | 0.0 | 36.2 | 56.2 | 58.4 |
| 293.1 | 145.3 | 0.0 | 118.9 | 74.1 | 48.5 | 0.0 | 0.0 | 0.0 | 39.7 | 61.7 | 61.8 |
| 281.3 | 139.0 | 0.0 | 113.3 | 71.1 | 46.2 | 0.0 | 0.0 | 0.0 | 37.9 | 59.2 | 59.0 |
| 288.3 | 141.9 | 0.0 | 115.3 | 72.7 | 47.1 | 0.0 | 0.0 | 0.0 | 38.7 | 60.6 | 60.3 |
| 276.7 | 135.8 | 0.0 | 109.9 | 69.7 | 44.9 | 0.0 | 0.0 | 0.0 | 37.0 | 58.1 | 57.6 |
| 283.6 | 138.6 | 0.0 | 111.9 | 71.4 | 45.8 | 0.0 | 0.0 | 0.0 | 37.8 | 59.5 | 58.8 |
| 281.2 | 137.0 | 0.0 | 110.2 | 70.7 | 45.1 | 0.0 | 0.0 | 0.0 | 37.3 | 59.0 | 58.1 |
| 269.9 | 131.1 | 0.0 | 105.0 | 67.8 | 43.1 | 0.0 | 0.0 | 0.0 | 35.7 | 56.6 | 55.6 |
| 276.5 | 133.9 | 0.0 | 106.9 | 69.4 | 43.9 | 0.0 | 0.0 | 0.0 | 36.5 | 57.9 | 56.7 |
| 265.4 | 128.0 | 0.0 | 101.9 | 65.5 | 41.9 | 0.0 | 0.0 | 0.0 | 34.9 | 55.6 | 54.2 |
| 272.0 | 130.8 | 0.0 | 103.7 | 68.1 | 42.6 | 0.0 | 0.0 | 0.0 | 35.6 | 56.9 | 55.4 |
| 269.7 | 129.2 | 0.0 | 102.1 | 67.5 | 42.0 | 0.0 | 0.0 | 0.0 | 35.2 | 56.4 | 54.7 |
| 250.3 | 119.5 | 0.0 | 94.1 | 62.5 | 38.8 | 0.0 | 0.0 | 0.0 | 32.5 | 52.3 | 50.5 |
| 265.3 | 126.3 | 0.0 | 99.1 | 65.3 | 40.9 | 0.0 | 0.0 | 0.0 | 34.4 | 55.4 | 53.4 |
| 254.7 | 120.8 | 0.0 | 94.5 | 63.5 | 39.0 | 0.0 | 0.0 | 0.0 | 32.9 | 53.2 | 51.0 |
| 261.0 | 123.4 | 0.0 | 96.2 | 65.0 | 39.7 | 0.0 | 0.0 | 0.0 | 33.5 | 54.5 | 52.1 |
| 250.5 | 118.0 | 0.0 | 91.7 | 62.3 | 37.9 | 0.0 | 0.0 | 0.0 | 32.1 | 52.2 | 49.8 |
| 256.7 | 120.5 | 0.0 | 93.3 | 63.8 | 38.6 | 0.0 | 0.0 | 0.0 | 32.7 | 53.5 | 50.8 |
| 254.5 | 119.1 | 0.0 | 91.9 | 63.2 | 38.1 | 0.0 | 0.0 | 0.0 | 32.4 | 53.0 | 50.2 |
| 244.3 | 113.9 | 0.0 | 87.6 | 60.6 | 36.3 | 0.0 | 0.0 | 0.0 | 30.9 | 50.9 | 48.0 |
| 250.3 | 116.4 | 0.0 | 89.1 | 62.0 | 37.0 | 0.0 | 0.0 | 0.0 | 31.6 | 52.1 | 49.0 |
| 240.2 | 111.3 | 0.0 | 84.9 | 58.5 | 35.3 | 0.0 | 0.0 | 0.0 | 30.2 | 50.0 | 46.9 |
| 246.2 | 113.7 | 0.0 | 86.5 | 60.9 | 36.0 | 0.0 | 0.0 | 0.0 | 30.8 | 51.2 | 47.8 |
| 244.1 | 112.3 | 0.0 | 85.1 | 60.3 | 35.5 | 0.0 | 0.0 | 0.0 | 30.0 | 50.7 | 47.3 |
| 218.7 | 100.3 | 0.0 | 75.8 | 54.0 | 31.6 | 0.0 | 0.0 | 0.0 | 26.4 | 45.4 | 42.2 |
| 240.2 | 109.8 | 0.0 | 82.7 | 59.2 | 34.5 | 0.0 | 0.0 | 0.0 | 30.0 | 49.8 | 46.2 |
| 230.6 | 105.1 | 0.0 | 78.8 | 55.8 | 32.9 | 0.0 | 0.0 | 0.0 | 28.4 | 47.8 | 44.1 |
| 236.3 | 107.3 | 0.0 | 80.2 | 58.1 | 33.5 | 0.0 | 0.0 | 0.0 | 29.0 | 49.0 | 45.0 |
| 226.8 | 102.6 | 0.0 | 76.4 | 55.7 | 32.0 | 0.0 | 0.0 | 0.0 | 27.0 | 47.0 | 43.1 |
| 232.4 | 104.8 | 0.0 | 77.8 | 57.1 | 32.6 | 0.0 | 0.0 | 0.0 | 28.1 | 48.1 | 44.0 |
| 230.4 | 103.6 | 0.0 | 76.6 | 56.5 | 32.1 | 0.0 | 0.0 | 0.0 | 27.7 | 47.7 | 43.4 |
| 221.1 | 99.1 | 0.0 | 73.0 | 54.2 | 30.7 | 0.0 | 0.0 | 0.0 | 25.7 | 45.7 | 41.5 |
| 226.6 | 101.2 | 0.0 | 74.3 | 55.5 | 31.2 | 0.0 | 0.0 | 0.0 | 26.8 | 46.8 | 42.4 |
| 217.5 | 95.8 | 0.0 | 70.8 | 53.2 | 29.8 | 0.0 | 0.0 | 0.0 | 24.9 | 44.9 | 40.5 |
| 222.9 | 98.9 | 0.0 | 72.1 | 54.5 | 30.0 | 0.0 | 0.0 | 0.0 | 26.0 | 46.0 | 41.4 |
| 221.0 | 97.7 | 0.0 | 71.0 | 53.9 | 29.0 | 0.0 | 0.0 | 0.0 | 25.6 | 45.6 | 40.9 |
| 198.0 | 87.3 | 0.0 | 63.2 | 48.3 | 24.0 | 0.0 | 0.0 | 0.0 | 20.8 | 36.5 | 36.5 |
| 217.5 | 95.5 | 0.0 | 69.0 | 53.0 | 30.0 | 0.0 | 0.0 | 0.0 | 24.8 | 44.8 | 39.9 |
| 208.7 | 91.4 | 0.0 | 65.7 | 50.8 | 28.0 | 0.0 | 0.0 | 0.0 | 23.0 | 43.0 | 38.2 |
| 213.9 | 93.3 | 0.0 | 66.9 | 52.0 | 29.0 | 0.0 | 0.0 | 0.0 | 24.0 | 44.0 | 38.9 |
| 205.3 | 89.3 | 0.0 | 63.8 | 49.8 | 27.0 | 0.0 | 0.0 | 0.0 | 22.2 | 42.2 | 37.2 |
| 210.4 | 91.2 | 0.0 | 64.9 | 51.0 | 28.0 | 0.0 | 0.0 | 0.0 | 23.2 | 43.2 | 38.0 |
| 208.6 | 90.1 | 0.0 | 63.9 | 50.5 | 27.0 | 0.0 | 0.0 | 0.0 | 22.9 | 42.9 | 37.5 |
| 200.2 | 86.2 | 0.0 | 60.9 | 48.5 | 26.0 | 0.0 | 0.0 | 0.0 | 21.1 | 41.1 | 35.9 |
| 205.2 | 88.0 | 0.0 | 62.0 | 49.6 | 27.0 | 0.0 | 0.0 | 0.0 | 22.1 | 42.1 | 36.6 |
| 196.9 | 84.2 | 0.0 | 59.1 | 47.6 | 25.0 | 0.0 | 0.0 | 0.0 | 20.4 | 40.4 | 35.0 |
| 201.8 | 86.0 | 0.0 | 60.1 | 48.7 | 26.0 | 0.0 | 0.0 | 0.0 | 21.4 | 41.4 | 35.8 |
| 200.1 | 85.0 | 0.0 | 59.2 | 48.2 | 25.0 | 0.0 | 0.0 | 0.0 | 21.0 | 41.0 | 35.3 |
| 179.3 | 75.9 | 0.0 | 52.7 | 43.2 | 20.0 | 0.0 | 0.0 | 0.0 | 16.7 | 35.7 | 31.5 |
| 196.9 | 83.1 | 0.0 | 57.5 | 47.4 | 24.0 | 0.0 | 0.0 | 0.0 | 20.3 | 40.3 | 34.5 |
| 189.0 | 79.5 | 0.0 | 54.8 | 45.4 | 22.0 | 0.0 | 0.0 | 0.0 | 18.6 | 38.6 | 33.0 |

8130.3
8333.0
8284.3
7406.1
8135.2
7809.2
8004.4
7683.7
7875.8
7780.8
7469.8
7657.0
7350.9
7504.7
7444.5
6672.6
7331.0
7038.7
7215.8
6928.1
7102.9
7046.2
6765.5
6936.2
6680.0
6797.8
6744.2
6018.3
6613.6
6351.1
6512.2
6253.8
6413.0
6363.0
6110.8
6266.4
6018.1
6171.2
6092.7
5667.3
6002.4
5764.9
5912.0
5678.2
5792.6
5748.6
5621.4
5662.9
5439.2
5547.9
5475.6
4910.3
5397.6
5185.2
5318.4
5109.1
5240.6
5201.4
4996.8
5125.4
4923.8
5020.5
4983.5
4489.4
4913.7
4720.7
4842.8
4662.8
4773.1
4738.2
4552.3
4670.2
4486.9
4603.4
4569.7
4099.0
4506.7
4330.1

| | | | | | | | | | | | |
|-------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 108.4 | 35.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 104.0 | 34.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 106.6 | 35.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.3 | 33.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 104.9 | 34.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 104.0 | 33.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 99.8 | 32.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.3 | 33.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 98.1 | 31.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100.6 | 32.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 99.7 | 32.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 99.4 | 28.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 98.1 | 31.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 94.2 | 29.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 96.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 92.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 94.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 94.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 90.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 92.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 88.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 91.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

2096.0
2014.8
2068.9
1969.8
2012.4
1969.6
1923.1
1974.7
1899.0
1950.1
1937.6
1739.6
1914.3
1841.2
1860.1
1789.1
1806.7
1795.8
1727.2
1774.1
1706.6
1732.8